

Introduction

3VA Molded Case Circuit Breakers

Notes

1

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA



NEW

Direct reference to the products in the Industry Mall from the selection and ordering data tables:

Article No.
[www.siemens.com/
 product?](http://www.siemens.com/product?ArticleNo.) **Article No.**

3KD2832-0NE10-0

Paper catalog:
 To get more
 product information
 enter the Web
 address plus
 Article No.



PDF catalog:
 Get more product information
 with just a mouse click.

2/2	Line protection
2/24	Starter protection
2/26	Switch disconnectors
2/27	Dimensional drawings

For further technical product information:

Siemens Industry Online Support:
www.siemens.com/lowvoltage/product-support

→ Entry type:
 Application example
 Certificate
 Characteristic
 Download
 FAQ
 Manual
 Product note
 Software archive
 Technical data

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

Selection and ordering data

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153



Connection technology

Type

Rated current

 I_n

A

Current setting of the inverse-time delayed overload protection "L"

 I_r

A

Operating current of the instantaneous short-circuit protection "I"

 I_i

A

DT

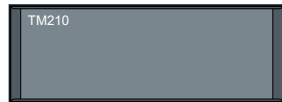
I_{cu} up to 25 kA at 240 V, low breaking capacity N
See "Overview", p. 1/6 and 1/7

N

Article No.
[www.siemens.com/product?Article No.](http://www.siemens.com/product?ArticleNo.)

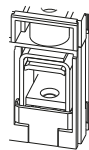
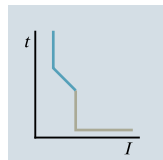
Basic price €
per PU

1-pole, fixed-mounted, **3VA11**, up to 160 A
Thermal-magnetic trip unit



I201_19027

Line protection, 1-pole, TM210 FTFM

With fixed overload protection I_r and fixed short-circuit protection I_i 

Connection with box terminal

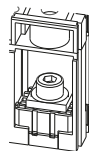
3VA11

16	16	320
20	20	320
25	25	320
32	32	320
40	40	400
50	50	500
63	63	630
80	80	800
100	100	1000
125	125	1250
160	160	1600

3VA1196-3ED16-0AA0
3VA1120-3ED16-0AA0
3VA1125-3ED16-0AA0
3VA1132-3ED16-0AA0

3VA1140-3ED16-0AA0
3VA1150-3ED16-0AA0
3VA1163-3ED16-0AA0
3VA1180-3ED16-0AA0

3VA1110-3ED16-0AA0
3VA1112-3ED16-0AA0
3VA1116-3ED16-0AA0



Connection with lug terminal

3VA11

16	16	320
20	20	320
25	25	320
32	32	320
40	40	400
50	50	500
63	63	630
80	80	800
100	100	1000
125	125	1250
160	160	1600

3VA1196-3ED12-0AA0
3VA1120-3ED12-0AA0
3VA1125-3ED12-0AA0
3VA1132-3ED12-0AA0

3VA1140-3ED12-0AA0
3VA1150-3ED12-0AA0
3VA1163-3ED12-0AA0
3VA1180-3ED12-0AA0

3VA1110-3ED12-0AA0
3VA1112-3ED12-0AA0
3VA1116-3ED12-0AA0

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} to 36 kA at 240 V, standard breaking capacity S See "Overview", p. 1/6 and 1/7	S
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A			

Line protection, 1-pole, TM210 FTFM

With fixed overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal

16	3VA1196-4ED16-0AA0
20	3VA1120-4ED16-0AA0
25	3VA1125-4ED16-0AA0
32	3VA1132-4ED16-0AA0

40	3VA1140-4ED16-0AA0
50	3VA1150-4ED16-0AA0
63	3VA1163-4ED16-0AA0
80	3VA1180-4ED16-0AA0

100 ¹⁾	3VA1110-4ED16-0AA0
125 ¹⁾	3VA1112-4ED16-0AA0
160 ¹⁾	3VA1116-4ED16-0AA0

Connection with lug terminal

16	3VA1196-4ED12-0AA0
20	3VA1120-4ED12-0AA0
25	3VA1125-4ED12-0AA0
32	3VA1132-4ED12-0AA0

40	3VA1140-4ED12-0AA0
50	3VA1150-4ED12-0AA0
63	3VA1163-4ED12-0AA0
80	3VA1180-4ED12-0AA0

100 ¹⁾	3VA1110-4ED12-0AA0
125 ¹⁾	3VA1112-4ED12-0AA0
160 ¹⁾	3VA1116-4ED12-0AA0

¹⁾ Start of delivery scheduled for 4th quarter 2015

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153



Connection technology

Type

Rated current

 I_n

A

Current setting of the inverse-time delayed overload protection "L"

 I_r

A

Operating current of the instantaneous short-circuit protection "I"

 I_i

A

DT

I_{cu} up to 25 kA at 415 V, low breaking capacity N

See "Overview", p. 1/6 and 1/7

(N)

Article No.
www.siemens.com/product?ArticleNo.

Basic price €
 per PU

2-pole, fixed-mounted, 3VA11, up to 160 A Thermal-magnetic trip unit



I201_19027

Line protection, 2-pole, TM210 FTFM

With fixed overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal

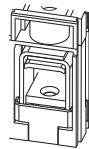
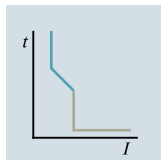
3VA11

16	16	320
20	20	320
25	25	320
32	32	320
40	40	400
50	50	500
63	63	630
80	80	800
100	100	1000
125	125	1250
160	160	1600

3VA1196-3ED26-0AA0
 3VA1120-3ED26-0AA0
 3VA1125-3ED26-0AA0
 3VA1132-3ED26-0AA0

3VA1140-3ED26-0AA0
 3VA1150-3ED26-0AA0
 3VA1163-3ED26-0AA0
 3VA1180-3ED26-0AA0

3VA1110-3ED26-0AA0
 3VA1112-3ED26-0AA0
 3VA1116-3ED26-0AA0



Connection with lug terminal

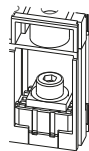
3VA11

16	16	320
20	20	320
25	25	320
32	32	320
40	40	400
50	50	500
63	63	630
80	80	800
100	100	1000
125	125	1250
160	160	1600

3VA1196-3ED22-0AA0
 3VA1120-3ED22-0AA0
 3VA1125-3ED22-0AA0
 3VA1132-3ED22-0AA0

3VA1140-3ED22-0AA0
 3VA1150-3ED22-0AA0
 3VA1163-3ED22-0AA0
 3VA1180-3ED22-0AA0

3VA1110-3ED22-0AA0
 3VA1112-3ED22-0AA0
 3VA1116-3ED22-0AA0



3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S See "Overview", p. 1/6 and 1/7	(S)
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A			

Line protection, 2-pole, TM210 FTFM

With fixed overload protection I_f and fixed short-circuit protection I_i

Connection with box terminal

16	3VA1196-4ED26-0AA0
20	3VA1120-4ED26-0AA0
25	3VA1125-4ED26-0AA0
32	3VA1132-4ED26-0AA0
40	3VA1140-4ED26-0AA0
50	3VA1150-4ED26-0AA0
63	3VA1163-4ED26-0AA0
80	3VA1180-4ED26-0AA0
100 ¹⁾	3VA1110-4ED26-0AA0
125 ¹⁾	3VA1112-4ED26-0AA0
160 ¹⁾	3VA1116-4ED26-0AA0

Connection with lug terminal

16	3VA1196-4ED22-0AA0
20	3VA1120-4ED22-0AA0
25	3VA1125-4ED22-0AA0
32	3VA1132-4ED22-0AA0
40	3VA1140-4ED22-0AA0
50	3VA1150-4ED22-0AA0
63	3VA1163-4ED22-0AA0
80	3VA1180-4ED22-0AA0
100 ¹⁾	3VA1110-4ED22-0AA0
125 ¹⁾	3VA1112-4ED22-0AA0
160 ¹⁾	3VA1116-4ED22-0AA0

¹⁾ Start of delivery scheduled for 4th quarter 2015

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Connection
technology

Type

Rated
current I_n

A

Current setting
of the inverse-
time delayed
overload
protection "L"
 I_r

A

Operating
current of
the instantane-
ous short-
circuit pro-
tection "I"
 I_i

A

DT

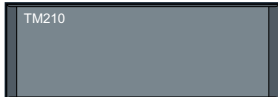
**I_{cu} up to 16 kA at 415 V,
very low breaking capacity B**
See "Overview", p. 1/6 and 1/7

(B)

Article No.
[www.siemens.com/
product?ArticleNo.](http://www.siemens.com/product?ArticleNo.)

Basic
price €
per PU

3-pole, fixed-mounted, 3VA10, up to 100 A Thermal-magnetic trip unit



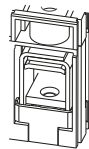
I201_19027

Line protection, TM210 FTFM

With fixed overload protection I_r and fixed short-circuit protection I_i

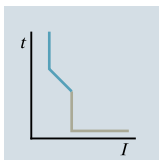
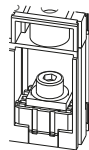
Connection with box terminal

3VA10	16	16	320	3VA1096-2ED36-0AA0
	20	20	320	3VA1020-2ED36-0AA0
	25	25	320	3VA1025-2ED36-0AA0
	32	32	320	3VA1032-2ED36-0AA0
	40	40	400	3VA1040-2ED36-0AA0
	50	50	500	3VA1050-2ED36-0AA0
	63	63	630	3VA1063-2ED36-0AA0
	80	80	800	3VA1080-2ED36-0AA0
	100	100	1000	3VA1010-2ED36-0AA0



Connection with lug terminal

3VA10	16	16	320	3VA1096-2ED32-0AA0
	20	20	320	3VA1020-2ED32-0AA0
	25	25	320	3VA1025-2ED32-0AA0
	32	32	320	3VA1032-2ED32-0AA0
	40	40	400	3VA1040-2ED32-0AA0
	50	50	500	3VA1050-2ED32-0AA0
	63	63	630	3VA1063-2ED32-0AA0
	80	80	800	3VA1080-2ED32-0AA0
	100	100	1000	3VA1010-2ED32-0AA0



3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 25 kA at 415 V, low breaking capacity N See "Overview", p. 1/6 and 1/7	(N)	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S See "Overview", p. 1/6 and 1/7	(S)
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A						

Line protection, TM210 FTFM

With fixed overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal

16	3VA1096-3ED36-0AA0	3VA1096-4ED36-0AA0
20	3VA1020-3ED36-0AA0	3VA1020-4ED36-0AA0
25	3VA1025-3ED36-0AA0	3VA1025-4ED36-0AA0
32	3VA1032-3ED36-0AA0	3VA1032-4ED36-0AA0
40	3VA1040-3ED36-0AA0	3VA1040-4ED36-0AA0
50	3VA1050-3ED36-0AA0	3VA1050-4ED36-0AA0
63	3VA1063-3ED36-0AA0	3VA1063-4ED36-0AA0
80	3VA1080-3ED36-0AA0	3VA1080-4ED36-0AA0
100	3VA1010-3ED36-0AA0	3VA1010-4ED36-0AA0

Connection with lug terminal

16	3VA1096-3ED32-0AA0	3VA1096-4ED32-0AA0
20	3VA1020-3ED32-0AA0	3VA1020-4ED32-0AA0
25	3VA1025-3ED32-0AA0	3VA1025-4ED32-0AA0
32	3VA1032-3ED32-0AA0	3VA1032-4ED32-0AA0
40	3VA1040-3ED32-0AA0	3VA1040-4ED32-0AA0
50	3VA1050-3ED32-0AA0	3VA1050-4ED32-0AA0
63	3VA1063-3ED32-0AA0	3VA1063-4ED32-0AA0
80	3VA1080-3ED32-0AA0	3VA1080-4ED32-0AA0
100	3VA1010-3ED32-0AA0	3VA1010-4ED32-0AA0

2

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153



Connection technology

Type

Rated current

 I_n

A

Current setting of the inverse-time delayed overload protection "L"

 I_r

A

Operating current of the instantaneous short-circuit protection "I"

 I_i

A

DT

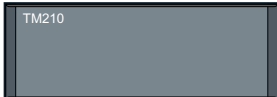
I_{cu} up to 25 kA at 415 V, low breaking capacity N
See "Overview", p. 1/6 and 1/7

(N)

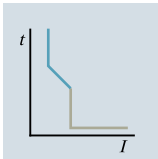
Article No.
www.siemens.com/product?ArticleNo.

Basic price €
per PU

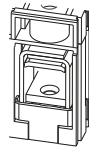
3-pole, fixed-mounted, 3VA11, up to 160 A Thermal-magnetic trip unit



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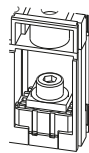


Line protection, TM210 FTFM

With fixed overload protection I_r and fixed short-circuit protection I_i 

Connection with box terminal

3VA11	16	16	320	3VA1196-3ED36-0AA0
	20	20	320	3VA1120-3ED36-0AA0
	25	25	320	3VA1125-3ED36-0AA0
	32	32	320	3VA1132-3ED36-0AA0
	40	40	400	3VA1140-3ED36-0AA0
	50	50	500	3VA1150-3ED36-0AA0
	63	63	630	3VA1163-3ED36-0AA0
	80	80	800	3VA1180-3ED36-0AA0
	100	100	1000	3VA1110-3ED36-0AA0
	125	125	1250	3VA1112-3ED36-0AA0
	160	160	1600	3VA1116-3ED36-0AA0

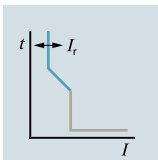


Connection with lug terminal

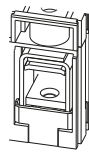
3VA11	16	16	320	3VA1196-3ED32-0AA0
	20	20	320	3VA1120-3ED32-0AA0
	25	25	320	3VA1125-3ED32-0AA0
	32	32	320	3VA1132-3ED32-0AA0
	40	40	400	3VA1140-3ED32-0AA0
	50	50	500	3VA1150-3ED32-0AA0
	63	63	630	3VA1163-3ED32-0AA0
	80	80	800	3VA1180-3ED32-0AA0
	100	100	1000	3VA1110-3ED32-0AA0
	125	125	1250	3VA1112-3ED32-0AA0
	160	160	1600	3VA1116-3ED32-0AA0



I201_19028

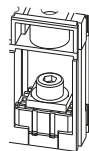


Line protection, TM220 ATFM

With adjustable overload protection I_r and fixed short-circuit protection I_i 

Connection with box terminal

3VA11	16	11 ... 16	320	3VA1196-3EE36-0AA0
	20	14 ... 20	320	3VA1120-3EE36-0AA0
	25	18 ... 25	320	3VA1125-3EE36-0AA0
	32	22 ... 32	320	3VA1132-3EE36-0AA0
	40	28 ... 40	400	3VA1140-3EE36-0AA0
	50	35 ... 50	500	3VA1150-3EE36-0AA0
	63	44 ... 63	630	3VA1163-3EE36-0AA0
	80	56 ... 80	800	3VA1180-3EE36-0AA0
	100	70 ... 100	1000	3VA1110-3EE36-0AA0
	125	88 ... 125	1250	3VA1112-3EE36-0AA0
	160	112 ... 160	1600	3VA1116-3EE36-0AA0



Connection with lug terminal

3VA11	16	11 ... 16	320	3VA1196-3EE32-0AA0
	20	14 ... 20	320	3VA1120-3EE32-0AA0
	25	18 ... 25	320	3VA1125-3EE32-0AA0
	32	22 ... 32	320	3VA1132-3EE32-0AA0
	40	28 ... 40	400	3VA1140-3EE32-0AA0
	50	35 ... 50	500	3VA1150-3EE32-0AA0
	63	44 ... 63	630	3VA1163-3EE32-0AA0
	80	56 ... 80	800	3VA1180-3EE32-0AA0
	100	70 ... 100	1000	3VA1110-3EE32-0AA0
	125	88 ... 125	1250	3VA1112-3EE32-0AA0
	160	112 ... 160	1600	3VA1116-3EE32-0AA0

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S See "Overview", p. 1/6 and 1/7	(S)	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M See "Overview", p. 1/6 and 1/7	(M)	DT	I_{cu} up to 70 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	(H)
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A									

Line protection, TM210 FTFM

With fixed overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal

16	3VA1196-4ED36-0AA0	3VA1196-5ED36-0AA0	3VA1196-6ED36-0AA0
20	3VA1120-4ED36-0AA0	3VA1120-5ED36-0AA0	3VA1120-6ED36-0AA0
25	3VA1125-4ED36-0AA0	3VA1125-5ED36-0AA0	3VA1125-6ED36-0AA0
32	3VA1132-4ED36-0AA0	3VA1132-5ED36-0AA0	3VA1132-6ED36-0AA0
40	3VA1140-4ED36-0AA0	3VA1140-5ED36-0AA0	3VA1140-6ED36-0AA0
50	3VA1150-4ED36-0AA0	3VA1150-5ED36-0AA0	3VA1150-6ED36-0AA0
63	3VA1163-4ED36-0AA0	3VA1163-5ED36-0AA0	3VA1163-6ED36-0AA0
80	3VA1180-4ED36-0AA0	3VA1180-5ED36-0AA0	3VA1180-6ED36-0AA0
100	3VA1110-4ED36-0AA0	3VA1110-5ED36-0AA0	3VA1110-6ED36-0AA0
125	3VA1112-4ED36-0AA0	3VA1112-5ED36-0AA0	3VA1112-6ED36-0AA0
160	3VA1116-4ED36-0AA0	3VA1116-5ED36-0AA0	3VA1116-6ED36-0AA0

Connection with lug terminal

16	3VA1196-4ED32-0AA0	3VA1196-5ED32-0AA0	3VA1196-6ED32-0AA0
20	3VA1120-4ED32-0AA0	3VA1120-5ED32-0AA0	3VA1120-6ED32-0AA0
25	3VA1125-4ED32-0AA0	3VA1125-5ED32-0AA0	3VA1125-6ED32-0AA0
32	3VA1132-4ED32-0AA0	3VA1132-5ED32-0AA0	3VA1132-6ED32-0AA0
40	3VA1140-4ED32-0AA0	3VA1140-5ED32-0AA0	3VA1140-6ED32-0AA0
50	3VA1150-4ED32-0AA0	3VA1150-5ED32-0AA0	3VA1150-6ED32-0AA0
63	3VA1163-4ED32-0AA0	3VA1163-5ED32-0AA0	3VA1163-6ED32-0AA0
80	3VA1180-4ED32-0AA0	3VA1180-5ED32-0AA0	3VA1180-6ED32-0AA0
100	3VA1110-4ED32-0AA0	3VA1110-5ED32-0AA0	3VA1110-6ED32-0AA0
125	3VA1112-4ED32-0AA0	3VA1112-5ED32-0AA0	3VA1112-6ED32-0AA0
160	3VA1116-4ED32-0AA0	3VA1116-5ED32-0AA0	3VA1116-6ED32-0AA0

Line protection, TM220 ATFM

With adjustable overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal

16	3VA1196-4EE36-0AA0	3VA1196-5EE36-0AA0	3VA1196-6EE36-0AA0
20	3VA1120-4EE36-0AA0	3VA1120-5EE36-0AA0	3VA1120-6EE36-0AA0
25	3VA1125-4EE36-0AA0	3VA1125-5EE36-0AA0	3VA1125-6EE36-0AA0
32	3VA1132-4EE36-0AA0	3VA1132-5EE36-0AA0	3VA1132-6EE36-0AA0
40	3VA1140-4EE36-0AA0	3VA1140-5EE36-0AA0	3VA1140-6EE36-0AA0
50	3VA1150-4EE36-0AA0	3VA1150-5EE36-0AA0	3VA1150-6EE36-0AA0
63	3VA1163-4EE36-0AA0	3VA1163-5EE36-0AA0	3VA1163-6EE36-0AA0
80	3VA1180-4EE36-0AA0	3VA1180-5EE36-0AA0	3VA1180-6EE36-0AA0
100	3VA1110-4EE36-0AA0	3VA1110-5EE36-0AA0	3VA1110-6EE36-0AA0
125	3VA1112-4EE36-0AA0	3VA1112-5EE36-0AA0	3VA1112-6EE36-0AA0
160	3VA1116-4EE36-0AA0	3VA1116-5EE36-0AA0	3VA1116-6EE36-0AA0

Connection with lug terminal

16	3VA1196-4EE32-0AA0	3VA1196-5EE32-0AA0	3VA1196-6EE32-0AA0
20	3VA1120-4EE32-0AA0	3VA1120-5EE32-0AA0	3VA1120-6EE32-0AA0
25	3VA1125-4EE32-0AA0	3VA1125-5EE32-0AA0	3VA1125-6EE32-0AA0
32	3VA1132-4EE32-0AA0	3VA1132-5EE32-0AA0	3VA1132-6EE32-0AA0
40	3VA1140-4EE32-0AA0	3VA1140-5EE32-0AA0	3VA1140-6EE32-0AA0
50	3VA1150-4EE32-0AA0	3VA1150-5EE32-0AA0	3VA1150-6EE32-0AA0
63	3VA1163-4EE32-0AA0	3VA1163-5EE32-0AA0	3VA1163-6EE32-0AA0
80	3VA1180-4EE32-0AA0	3VA1180-5EE32-0AA0	3VA1180-6EE32-0AA0
100	3VA1110-4EE32-0AA0	3VA1110-5EE32-0AA0	3VA1110-6EE32-0AA0
125	3VA1112-4EE32-0AA0	3VA1112-5EE32-0AA0	3VA1112-6EE32-0AA0
160	3VA1116-4EE32-0AA0	3VA1116-5EE32-0AA0	3VA1116-6EE32-0AA0

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Connection
technology

Type

Rated
current I_n

A

Current setting
of the inverse-
time delayed
overload
protection "L" I_r

A

Operating
current of
the instant-
aneous short-
circuit pro-
tection "I" I_i

A

DT

**I_{cu} up to 25 kA at 415 V,
low breaking capacity N**
See "Overview", p. 1/6 and 1/7

(N)

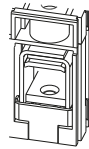
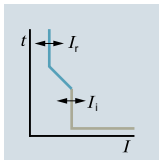
Article No.
[www.siemens.com/
product?Article No.](http://www.siemens.com/product?ArticleNo.)

Basic
price €
per PU

3-pole, fixed-mounted, 3VA11/3VA12, up to 250 A Thermal-magnetic trip unit



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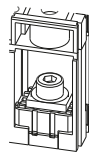


Line protection, TM240 ATAM

With adjustable overload protection I_r and adjustable short-circuit protection I_i

Connection with box terminal

3VA11	16	11 ... 16	160 ... 320	3VA1196-3EF36-0AA0
	20	14 ... 20	160 ... 320	3VA1120-3EF36-0AA0
	25	18 ... 25	160 ... 320	3VA1125-3EF36-0AA0
	32	16 ... 32	160 ... 320	3VA1132-3EF36-0AA0
	40	28 ... 40	200 ... 400	3VA1140-3EF36-0AA0
	50	35 ... 50	250 ... 500	3VA1150-3EF36-0AA0
	63	44 ... 63	315 ... 630	3VA1163-3EF36-0AA0
	80	56 ... 80	400 ... 800	3VA1180-3EF36-0AA0
	100	70 ... 100	500 ... 1000	3VA1110-3EF36-0AA0
	125	88 ... 125	625 ... 1250	3VA1112-3EF36-0AA0
	160	112 ... 160	800 ... 1600	3VA1116-3EF36-0AA0



Connection with lug terminal

3VA11	16	11 ... 16	160 ... 320	3VA1196-3EF32-0AA0
	20	14 ... 20	160 ... 320	3VA1120-3EF32-0AA0
	25	18 ... 25	160 ... 320	3VA1125-3EF32-0AA0
	32	16 ... 32	160 ... 320	3VA1132-3EF32-0AA0
	40	28 ... 40	200 ... 400	3VA1140-3EF32-0AA0
	50	35 ... 50	250 ... 500	3VA1150-3EF32-0AA0
	63	44 ... 63	315 ... 630	3VA1163-3EF32-0AA0
	80	56 ... 80	400 ... 800	3VA1180-3EF32-0AA0
	100	70 ... 100	500 ... 1000	3VA1110-3EF32-0AA0
	125	88 ... 125	625 ... 1250	3VA1112-3EF32-0AA0
	160	112 ... 160	800 ... 1600	3VA1116-3EF32-0AA0
3VA12	160	112 ... 160	800 ... 1600	--
	200	140 ... 200	1000 ... 2000	--
	250	175 ... 250	1250 ... 2500	--

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S (S) See "Overview", p. 1/6 and 1/7	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M (M) See "Overview", p. 1/6 and 1/7	DT	I_{cu} up to 70 kA at 415 V, high breaking capacity H (H) See "Overview", p. 1/6 and 1/7
I_n		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.
A		Basic price € per PU		Basic price € per PU		Basic price € per PU

Line protection, TM240 ATAM

With adjustable overload protection I_r and adjustable short-circuit protection I_i

Connection with box terminal			
16	3VA1196-4EF36-0AA0	3VA1196-5EF36-0AA0	3VA1196-6EF36-0AA0
20	3VA1120-4EF36-0AA0	3VA1120-5EF36-0AA0	3VA1120-6EF36-0AA0
25	3VA1125-4EF36-0AA0	3VA1125-5EF36-0AA0	3VA1125-6EF36-0AA0
32	3VA1132-4EF36-0AA0	3VA1132-5EF36-0AA0	3VA1132-6EF36-0AA0
40	3VA1140-4EF36-0AA0	3VA1140-5EF36-0AA0	3VA1140-6EF36-0AA0
50	3VA1150-4EF36-0AA0	3VA1150-5EF36-0AA0	3VA1150-6EF36-0AA0
63	3VA1163-4EF36-0AA0	3VA1163-5EF36-0AA0	3VA1163-6EF36-0AA0
80	3VA1180-4EF36-0AA0	3VA1180-5EF36-0AA0	3VA1180-6EF36-0AA0
100	3VA1110-4EF36-0AA0	3VA1110-5EF36-0AA0	3VA1110-6EF36-0AA0
125	3VA1112-4EF36-0AA0	3VA1112-5EF36-0AA0	3VA1112-6EF36-0AA0
160	3VA1116-4EF36-0AA0	3VA1116-5EF36-0AA0	3VA1116-6EF36-0AA0
Connection with lug terminal			
16	3VA1196-4EF32-0AA0	3VA1196-5EF32-0AA0	3VA1196-6EF32-0AA0
20	3VA1120-4EF32-0AA0	3VA1120-5EF32-0AA0	3VA1120-6EF32-0AA0
25	3VA1125-4EF32-0AA0	3VA1125-5EF32-0AA0	3VA1125-6EF32-0AA0
32	3VA1132-4EF32-0AA0	3VA1132-5EF32-0AA0	3VA1132-6EF32-0AA0
40	3VA1140-4EF32-0AA0	3VA1140-5EF32-0AA0	3VA1140-6EF32-0AA0
50	3VA1150-4EF32-0AA0	3VA1150-5EF32-0AA0	3VA1150-6EF32-0AA0
63	3VA1163-4EF32-0AA0	3VA1163-5EF32-0AA0	3VA1163-6EF32-0AA0
80	3VA1180-4EF32-0AA0	3VA1180-5EF32-0AA0	3VA1180-6EF32-0AA0
100	3VA1110-4EF32-0AA0	3VA1110-5EF32-0AA0	3VA1110-6EF32-0AA0
125	3VA1112-4EF32-0AA0	3VA1112-5EF32-0AA0	3VA1112-6EF32-0AA0
160	3VA1116-4EF32-0AA0	3VA1116-5EF32-0AA0	3VA1116-6EF32-0AA0
160	3VA1216-4EF32-0AA0	3VA1216-5EF32-0AA0	3VA1216-6EF32-0AA0
200	3VA1220-4EF32-0AA0	3VA1220-5EF32-0AA0	3VA1220-6EF32-0AA0
250	3VA1225-4EF32-0AA0	3VA1225-5EF32-0AA0	3VA1225-6EF32-0AA0

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Connection
technology

Type

Rated
current I_n

A

Current setting
of the inverse-
time delayed
overload
protection "L" I_r

A

Operating
current of
the instantane-
ous short-
circuit pro-
tection "I" I_i

A

DT

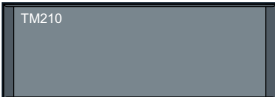
I_{cu} up to 16 kA at 415 V, very low breaking capacity B

See "Overview", p. 1/6 and 1/7

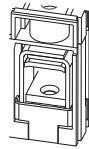
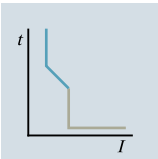
Article No.
[www.siemens.com/
product?Article No.](http://www.siemens.com/product?ArticleNo.)

Basic
price €
per PU

4-pole, fixed-mounted, 3VA10, up to 100 A Thermal-magnetic trip unit



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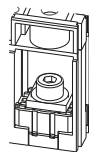


Line protection, TM210 FTFM, without neutral conductor protection

With fixed overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal

3VA10	16	16	320	3VA1096-2ED46-0AA0
	20	20	320	3VA1020-2ED46-0AA0
	25	25	320	3VA1025-2ED46-0AA0
	32	32	320	3VA1032-2ED46-0AA0
	40	40	400	3VA1040-2ED46-0AA0
	50	50	500	3VA1050-2ED46-0AA0
	63	63	630	3VA1063-2ED46-0AA0
	80	80	800	3VA1080-2ED46-0AA0
	100	100	1000	3VA1010-2ED46-0AA0



Connection with lug terminal

3VA10	16	16	320	3VA1096-2ED42-0AA0
	20	20	320	3VA1020-2ED42-0AA0
	25	25	320	3VA1025-2ED42-0AA0
	32	32	320	3VA1032-2ED42-0AA0
	40	40	400	3VA1040-2ED42-0AA0
	50	50	500	3VA1050-2ED42-0AA0
	63	63	630	3VA1063-2ED42-0AA0
	80	80	800	3VA1080-2ED42-0AA0
	100	100	1000	3VA1010-2ED42-0AA0

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 25 kA at 415 V, low breaking capacity N See "Overview", p. 1/6 and 1/7	(N)	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S See "Overview", p. 1/6 and 1/7	(S)
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A						

Line protection, TM210 FTFM, without neutral conductor protection

With fixed overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal

16	3VA1096-3ED46-0AA0	3VA1096-4ED46-0AA0
20	3VA1020-3ED46-0AA0	3VA1020-4ED46-0AA0
25	3VA1025-3ED46-0AA0	3VA1025-4ED46-0AA0
32	3VA1032-3ED46-0AA0	3VA1032-4ED46-0AA0
40	3VA1040-3ED46-0AA0	3VA1040-4ED46-0AA0
50	3VA1050-3ED46-0AA0	3VA1050-4ED46-0AA0
63	3VA1063-3ED46-0AA0	3VA1063-4ED46-0AA0
80	3VA1080-3ED46-0AA0	3VA1080-4ED46-0AA0
100	3VA1010-3ED46-0AA0	3VA1010-4ED46-0AA0

Connection with lug terminal

16	3VA1096-3ED42-0AA0	3VA1096-4ED42-0AA0
20	3VA1020-3ED42-0AA0	3VA1020-4ED42-0AA0
25	3VA1025-3ED42-0AA0	3VA1025-4ED42-0AA0
32	3VA1032-3ED42-0AA0	3VA1032-4ED42-0AA0
40	3VA1040-3ED42-0AA0	3VA1040-4ED42-0AA0
50	3VA1050-3ED42-0AA0	3VA1050-4ED42-0AA0
63	3VA1063-3ED42-0AA0	3VA1063-4ED42-0AA0
80	3VA1080-3ED42-0AA0	3VA1080-4ED42-0AA0
100	3VA1010-3ED42-0AA0	3VA1010-4ED42-0AA0

2

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153



Connection technology

Type

Rated current

 I_n

A

Current setting of the inverse-time delayed overload protection "L"

 I_r

A

Operating current of the instantaneous short-circuit protection "I"

 I_i

A

DT

I_{cu} up to 25 kA at 415 V, low breaking capacity N

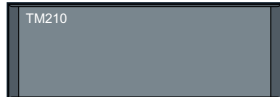
See "Overview", p. 1/6 and 1/7

(N)

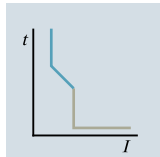
Article No.
www.siemens.com/product?ArticleNo.

Basic price €
 per PU

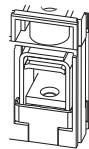
4-pole, fixed-mounted, 3VA11, up to 160 A Thermal-magnetic trip unit



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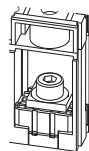


Line protection, TM210 FTFM, without neutral conductor protection

With fixed overload protection I_r and fixed short-circuit protection I_i 

Connection with box terminal

3VA11	16	16	320	3VA1196-3ED46-0AA0
	20	20	320	3VA1120-3ED46-0AA0
	25	25	320	3VA1125-3ED46-0AA0
	32	32	320	3VA1132-3ED46-0AA0
	40	40	400	3VA1140-3ED46-0AA0
	50	50	500	3VA1150-3ED46-0AA0
	63	63	630	3VA1163-3ED46-0AA0
	80	80	800	3VA1180-3ED46-0AA0
	100	100	1000	3VA1110-3ED46-0AA0
	125	125	1250	3VA1112-3ED46-0AA0
	160	160	1600	3VA1116-3ED46-0AA0

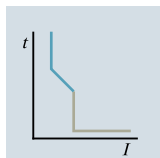


Connection with lug terminal

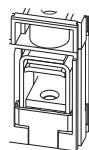
3VA11	16	16	320	3VA1196-3ED42-0AA0
	20	20	320	3VA1120-3ED42-0AA0
	25	25	320	3VA1125-3ED42-0AA0
	32	32	320	3VA1132-3ED42-0AA0
	40	40	400	3VA1140-3ED42-0AA0
	50	50	500	3VA1150-3ED42-0AA0
	63	63	630	3VA1163-3ED42-0AA0
	80	80	800	3VA1180-3ED42-0AA0
	100	100	1000	3VA1110-3ED42-0AA0
	125	125	1250	3VA1112-3ED42-0AA0
	160	160	1600	3VA1116-3ED42-0AA0



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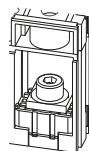


Line protection, TM210 FTFM, 50 % neutral conductor protection

With fixed overload protection I_r and fixed short-circuit protection I_i 

Connection with box terminal

3VA11	100	100	1000	3VA1110-3FD46-0AA0
	125	125	1250	3VA1112-3FD46-0AA0
	160	160	1600	3VA1116-3FD46-0AA0



Connection with lug terminal

3VA11	100	100	1000	3VA1110-3FD42-0AA0
	125	125	1250	3VA1112-3FD42-0AA0
	160	160	1600	3VA1116-3FD42-0AA0

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S See "Overview", p. 1/6 and 1/7	(S)	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M See "Overview", p. 1/6 and 1/7	(M)	DT	I_{cu} up to 70 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	(H)
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A									

Line protection, TM210 FTFM, without neutral conductor protection

With fixed overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal			
16	3VA1196-4ED46-0AA0	3VA1196-5ED46-0AA0	3VA1196-6ED46-0AA0
20	3VA1120-4ED46-0AA0	3VA1120-5ED46-0AA0	3VA1120-6ED46-0AA0
25	3VA1125-4ED46-0AA0	3VA1125-5ED46-0AA0	3VA1125-6ED46-0AA0
32	3VA1132-4ED46-0AA0	3VA1132-5ED46-0AA0	3VA1132-6ED46-0AA0
40	3VA1140-4ED46-0AA0	3VA1140-5ED46-0AA0	3VA1140-6ED46-0AA0
50	3VA1150-4ED46-0AA0	3VA1150-5ED46-0AA0	3VA1150-6ED46-0AA0
63	3VA1163-4ED46-0AA0	3VA1163-5ED46-0AA0	3VA1163-6ED46-0AA0
80	3VA1180-4ED46-0AA0	3VA1180-5ED46-0AA0	3VA1180-6ED46-0AA0
100	3VA1110-4ED46-0AA0	3VA1110-5ED46-0AA0	3VA1110-6ED46-0AA0
125	3VA1112-4ED46-0AA0	3VA1112-5ED46-0AA0	3VA1112-6ED46-0AA0
160	3VA1116-4ED46-0AA0	3VA1116-5ED46-0AA0	3VA1116-6ED46-0AA0
Connection with lug terminal			
16	3VA1196-4ED42-0AA0	3VA1196-5ED42-0AA0	3VA1196-6ED42-0AA0
20	3VA1120-4ED42-0AA0	3VA1120-5ED42-0AA0	3VA1120-6ED42-0AA0
25	3VA1125-4ED42-0AA0	3VA1125-5ED42-0AA0	3VA1125-6ED42-0AA0
32	3VA1132-4ED42-0AA0	3VA1132-5ED42-0AA0	3VA1132-6ED42-0AA0
40	3VA1140-4ED42-0AA0	3VA1140-5ED42-0AA0	3VA1140-6ED42-0AA0
50	3VA1150-4ED42-0AA0	3VA1150-5ED42-0AA0	3VA1150-6ED42-0AA0
63	3VA1163-4ED42-0AA0	3VA1163-5ED42-0AA0	3VA1163-6ED42-0AA0
80	3VA1180-4ED42-0AA0	3VA1180-5ED42-0AA0	3VA1180-6ED42-0AA0
100	3VA1110-4ED42-0AA0	3VA1110-5ED42-0AA0	3VA1110-6ED42-0AA0
125	3VA1112-4ED42-0AA0	3VA1112-5ED42-0AA0	3VA1112-6ED42-0AA0
160	3VA1116-4ED42-0AA0	3VA1116-5ED42-0AA0	3VA1116-6ED42-0AA0

Line protection, TM210 FTFM, 50 % neutral conductor protection

With adjustable overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal			
100	3VA1110-4FD46-0AA0	3VA1110-5FD46-0AA0	3VA1110-6FD46-0AA0
125	3VA1112-4FD46-0AA0	3VA1112-5FD46-0AA0	3VA1112-6FD46-0AA0
160	3VA1116-4FD46-0AA0	3VA1116-5FD46-0AA0	3VA1116-6FD46-0AA0
Connection with lug terminal			
100	3VA1110-4FD42-0AA0	3VA1110-5FD42-0AA0	3VA1110-6FD42-0AA0
125	3VA1112-4FD42-0AA0	3VA1112-5FD42-0AA0	3VA1112-6FD42-0AA0
160	3VA1116-4FD42-0AA0	3VA1116-5FD42-0AA0	3VA1116-6FD42-0AA0

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153



Connection technology

Type

Rated current

 I_n

A

Current setting of the inverse-time delayed overload protection "L"

 I_r

A

Operating current of the instantaneous short-circuit protection "I"

 I_i

A

DT

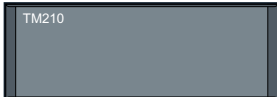
I_{cu} up to 25 kA at 415 V, low breaking capacity N
See "Overview", p. 1/6 and 1/7

(N)

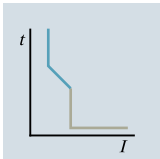
Article No.
www.siemens.com/product?ArticleNo.

Basic price €
per PU

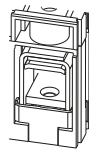
4-pole, fixed-mounted, 3VA11, up to 160 A Thermal-magnetic trip unit



I201_19027

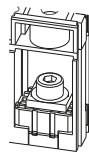


Line protection, TM210 FTFM, 100 % neutral conductor protection

With fixed overload protection I_r and fixed short-circuit protection I_i 

Connection with box terminal

3VA11	16	16	320	3VA1196-3GD46-0AA0
	20	20	320	3VA1120-3GD46-0AA0
	25	25	320	3VA1125-3GD46-0AA0
	32	32	320	3VA1132-3GD46-0AA0
	40	40	400	3VA1140-3GD46-0AA0
	50	50	500	3VA1150-3GD46-0AA0
	63	63	630	3VA1163-3GD46-0AA0
	80	80	800	3VA1180-3GD46-0AA0
	100	100	1000	3VA1110-3GD46-0AA0
	125	125	1250	3VA1112-3GD46-0AA0
	160	160	1600	3VA1116-3GD46-0AA0

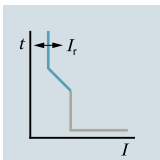


Connection with lug terminal

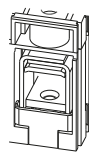
3VA11	16	16	320	3VA1196-3GD42-0AA0
	20	20	320	3VA1120-3GD42-0AA0
	25	25	320	3VA1125-3GD42-0AA0
	32	32	320	3VA1132-3GD42-0AA0
	40	40	400	3VA1140-3GD42-0AA0
	50	50	500	3VA1150-3GD42-0AA0
	63	63	630	3VA1163-3GD42-0AA0
	80	80	800	3VA1180-3GD42-0AA0
	100	100	1000	3VA1110-3GD42-0AA0
	125	125	1250	3VA1112-3GD42-0AA0
	160	160	1600	3VA1116-3GD42-0AA0



I201_19028

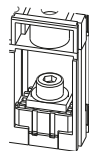


Line protection, TM220 ATFM, without neutral conductor protection

With adjustable overload protection I_r and fixed short-circuit protection I_i 

Connection with box terminal

3VA11	16	11 ... 16	320	3VA1196-3EE46-0AA0
	20	14 ... 20	320	3VA1120-3EE46-0AA0
	25	18 ... 25	320	3VA1125-3EE46-0AA0
	32	22 ... 32	320	3VA1132-3EE46-0AA0
	40	28 ... 40	400	3VA1140-3EE46-0AA0
	50	35 ... 50	500	3VA1150-3EE46-0AA0
	63	44 ... 63	630	3VA1163-3EE46-0AA0
	80	56 ... 80	800	3VA1180-3EE46-0AA0
	100	70 ... 100	1000	3VA1110-3EE46-0AA0
	125	88 ... 125	1250	3VA1112-3EE46-0AA0
	160	112 ... 160	1600	3VA1116-3EE46-0AA0



Connection with lug terminal

3VA11	16	11 ... 16	320	3VA1196-3EE42-0AA0
	20	14 ... 20	320	3VA1120-3EE42-0AA0
	25	18 ... 25	320	3VA1125-3EE42-0AA0
	32	22 ... 32	320	3VA1132-3EE42-0AA0
	40	28 ... 40	400	3VA1140-3EE42-0AA0
	50	35 ... 50	500	3VA1150-3EE42-0AA0
	63	44 ... 63	630	3VA1163-3EE42-0AA0
	80	56 ... 80	800	3VA1180-3EE42-0AA0
	100	70 ... 100	1000	3VA1110-3EE42-0AA0
	125	88 ... 125	1250	3VA1112-3EE42-0AA0
	160	112 ... 160	1600	3VA1116-3EE42-0AA0

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S See "Overview", p. 1/6 and 1/7	(S)	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M See "Overview", p. 1/6 and 1/7	(M)	DT	I_{cu} up to 70 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	(H)
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A									

Line protection, TM210 FTFM, 100 % neutral conductor protection

With fixed overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal

16	3VA1196-4GD46-0AA0	3VA1196-5GD46-0AA0	3VA1196-6GD46-0AA0
20	3VA1120-4GD46-0AA0	3VA1120-5GD46-0AA0	3VA1120-6GD46-0AA0
25	3VA1125-4GD46-0AA0	3VA1125-5GD46-0AA0	3VA1125-6GD46-0AA0
32	3VA1132-4GD46-0AA0	3VA1132-5GD46-0AA0	3VA1132-6GD46-0AA0
40	3VA1140-4GD46-0AA0	3VA1140-5GD46-0AA0	3VA1140-6GD46-0AA0
50	3VA1150-4GD46-0AA0	3VA1150-5GD46-0AA0	3VA1150-6GD46-0AA0
63	3VA1163-4GD46-0AA0	3VA1163-5GD46-0AA0	3VA1163-6GD46-0AA0
80	3VA1180-4GD46-0AA0	3VA1180-5GD46-0AA0	3VA1180-6GD46-0AA0
100	3VA1110-4GD46-0AA0	3VA1110-5GD46-0AA0	3VA1110-6GD46-0AA0
125	3VA1112-4GD46-0AA0	3VA1112-5GD46-0AA0	3VA1112-6GD46-0AA0
160	3VA1116-4GD46-0AA0	3VA1116-5GD46-0AA0	3VA1116-6GD46-0AA0

Connection with lug terminal

16	3VA1196-4GD42-0AA0	3VA1196-5GD42-0AA0	3VA1196-6GD42-0AA0
20	3VA1120-4GD42-0AA0	3VA1120-5GD42-0AA0	3VA1120-6GD42-0AA0
25	3VA1125-4GD42-0AA0	3VA1125-5GD42-0AA0	3VA1125-6GD42-0AA0
32	3VA1132-4GD42-0AA0	3VA1132-5GD42-0AA0	3VA1132-6GD42-0AA0
40	3VA1140-4GD42-0AA0	3VA1140-5GD42-0AA0	3VA1140-6GD42-0AA0
50	3VA1150-4GD42-0AA0	3VA1150-5GD42-0AA0	3VA1150-6GD42-0AA0
63	3VA1163-4GD42-0AA0	3VA1163-5GD42-0AA0	3VA1163-6GD42-0AA0
80	3VA1180-4GD42-0AA0	3VA1180-5GD42-0AA0	3VA1180-6GD42-0AA0
100	3VA1110-4GD42-0AA0	3VA1110-5GD42-0AA0	3VA1110-6GD42-0AA0
125	3VA1112-4GD42-0AA0	3VA1112-5GD42-0AA0	3VA1112-6GD42-0AA0
160	3VA1116-4GD42-0AA0	3VA1116-5GD42-0AA0	3VA1116-6GD42-0AA0

Line protection, TM220 ATFM, without neutral conductor protection

With adjustable overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal

16	3VA1196-4EE46-0AA0	3VA1196-5EE46-0AA0	3VA1196-6EE46-0AA0
20	3VA1120-4EE46-0AA0	3VA1120-5EE46-0AA0	3VA1120-6EE46-0AA0
25	3VA1125-4EE46-0AA0	3VA1125-5EE46-0AA0	3VA1125-6EE46-0AA0
32	3VA1132-4EE46-0AA0	3VA1132-5EE46-0AA0	3VA1132-6EE46-0AA0
40	3VA1140-4EE46-0AA0	3VA1140-5EE46-0AA0	3VA1140-6EE46-0AA0
50	3VA1150-4EE46-0AA0	3VA1150-5EE46-0AA0	3VA1150-6EE46-0AA0
63	3VA1163-4EE46-0AA0	3VA1163-5EE46-0AA0	3VA1163-6EE46-0AA0
80	3VA1180-4EE46-0AA0	3VA1180-5EE46-0AA0	3VA1180-6EE46-0AA0
100	3VA1110-4EE46-0AA0	3VA1110-5EE46-0AA0	3VA1110-6EE46-0AA0
125	3VA1112-4EE46-0AA0	3VA1112-5EE46-0AA0	3VA1112-6EE46-0AA0
160	3VA1116-4EE46-0AA0	3VA1116-5EE46-0AA0	3VA1116-6EE46-0AA0

Connection with lug terminal

16	3VA1196-4EE42-0AA0	3VA1196-5EE42-0AA0	3VA1196-6EE42-0AA0
20	3VA1120-4EE42-0AA0	3VA1120-5EE42-0AA0	3VA1120-6EE42-0AA0
25	3VA1125-4EE42-0AA0	3VA1125-5EE42-0AA0	3VA1125-6EE42-0AA0
32	3VA1132-4EE42-0AA0	3VA1132-5EE42-0AA0	3VA1132-6EE42-0AA0
40	3VA1140-4EE42-0AA0	3VA1140-5EE42-0AA0	3VA1140-6EE42-0AA0
50	3VA1150-4EE42-0AA0	3VA1150-5EE42-0AA0	3VA1150-6EE42-0AA0
63	3VA1163-4EE42-0AA0	3VA1163-5EE42-0AA0	3VA1163-6EE42-0AA0
80	3VA1180-4EE42-0AA0	3VA1180-5EE42-0AA0	3VA1180-6EE42-0AA0
100	3VA1110-4EE42-0AA0	3VA1110-5EE42-0AA0	3VA1110-6EE42-0AA0
125	3VA1112-4EE42-0AA0	3VA1112-5EE42-0AA0	3VA1112-6EE42-0AA0
160	3VA1116-4EE42-0AA0	3VA1116-5EE42-0AA0	3VA1116-6EE42-0AA0

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153



Connection technology

Type

Rated current

 I_n

A

Current setting of the inverse-time delayed overload protection "L"

 I_r

A

Operating current of the instantaneous short-circuit protection "I"

 I_i

A

DT

I_{cu} up to 25 kA at 415 V, low breaking capacity N
See "Overview", p. 1/6 and 1/7

(N)

Article No.
www.siemens.com/product?ArticleNo.

Basic price €
per PU

4-pole, fixed-mounted, 3VA11, up to 160 A Thermal-magnetic trip unit



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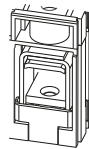
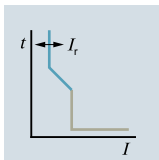
Line protection, TM220 ATFM, 50 % neutral conductor protection

With adjustable overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal

3VA11	100	70 ... 100	1000
	125	88 ... 125	1250
	160	112 ... 160	1600

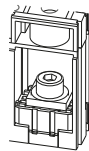
3VA1110-3FE46-0AA0
3VA1112-3FE46-0AA0
3VA1116-3FE46-0AA0



Connection with lug terminal

3VA11	100	70 ... 100	1000
	125	88 ... 125	1250
	160	112 ... 160	1600

3VA1110-3FE42-0AA0
3VA1112-3FE42-0AA0
3VA1116-3FE42-0AA0



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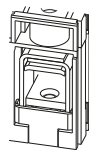
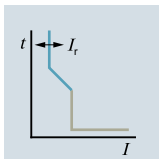
Line protection, TM220 ATFM, 100 % neutral conductor protection

With adjustable overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal

3VA11	16	11 ... 16	320
	20	14 ... 20	320
	25	18 ... 25	320
	32	22 ... 32	320
	40	28 ... 40	400
	50	35 ... 50	500
	63	44 ... 63	630
	80	56 ... 80	800
	100	70 ... 100	1000
	125	88 ... 125	1250
	160	112 ... 160	1600

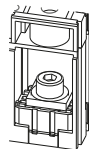
3VA1196-3GE46-0AA0
3VA1120-3GE46-0AA0
3VA1125-3GE46-0AA0
3VA1132-3GE46-0AA0



Connection with lug terminal

3VA11	16	11 ... 16	320
	20	14 ... 20	320
	25	18 ... 25	320
	32	22 ... 32	320
	40	28 ... 40	400
	50	35 ... 50	500
	63	44 ... 63	630
	80	56 ... 80	800
	100	70 ... 100	1000
	125	88 ... 125	1250
	160	112 ... 160	1600

3VA1196-3GE42-0AA0
3VA1120-3GE42-0AA0
3VA1125-3GE42-0AA0
3VA1132-3GE42-0AA0
3VA1140-3GE42-0AA0
3VA1150-3GE42-0AA0
3VA1163-3GE42-0AA0
3VA1180-3GE42-0AA0
3VA1110-3GE42-0AA0
3VA1112-3GE42-0AA0
3VA1116-3GE42-0AA0



3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S See "Overview", p. 1/6 and 1/7	(S)	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M See "Overview", p. 1/6 and 1/7	(M)	DT	I_{cu} up to 70 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	(H)
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A									

Line protection, TM220 ATFM, 50 % neutral conductor protection

With adjustable overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal			
100	3VA1110-4FE46-0AA0	3VA1110-5FE46-0AA0	3VA1110-6FE46-0AA0
125	3VA1112-4FE46-0AA0	3VA1112-5FE46-0AA0	3VA1112-6FE46-0AA0
160	3VA1116-4FE46-0AA0	3VA1116-5FE46-0AA0	3VA1116-6FE46-0AA0
Connection with lug terminal			
100	3VA1110-4FE42-0AA0	3VA1110-5FE42-0AA0	3VA1110-6FE42-0AA0
125	3VA1112-4FE42-0AA0	3VA1112-5FE42-0AA0	3VA1112-6FE42-0AA0
160	3VA1116-4FE42-0AA0	3VA1116-5FE42-0AA0	3VA1116-6FE42-0AA0

Line protection, TM220 ATFM, 100 % neutral conductor protection

With adjustable overload protection I_r and fixed short-circuit protection I_i

Connection with box terminal			
16	3VA1196-4GE46-0AA0	3VA1196-5GE46-0AA0	3VA1196-6GE46-0AA0
20	3VA1120-4GE46-0AA0	3VA1120-5GE46-0AA0	3VA1120-6GE46-0AA0
25	3VA1125-4GE46-0AA0	3VA1125-5GE46-0AA0	3VA1125-6GE46-0AA0
32	3VA1132-4GE46-0AA0	3VA1132-5GE46-0AA0	3VA1132-6GE46-0AA0
40	3VA1140-4GE46-0AA0	3VA1140-5GE46-0AA0	3VA1140-6GE46-0AA0
50	3VA1150-4GE46-0AA0	3VA1150-5GE46-0AA0	3VA1150-6GE46-0AA0
63	3VA1163-4GE46-0AA0	3VA1163-5GE46-0AA0	3VA1163-6GE46-0AA0
80	3VA1180-4GE46-0AA0	3VA1180-5GE46-0AA0	3VA1180-6GE46-0AA0
100	3VA1110-4GE46-0AA0	3VA1110-5GE46-0AA0	3VA1110-6GE46-0AA0
125	3VA1112-4GE46-0AA0	3VA1112-5GE46-0AA0	3VA1112-6GE46-0AA0
160	3VA1116-4GE46-0AA0	3VA1116-5GE46-0AA0	3VA1116-6GE46-0AA0
Connection with lug terminal			
16	3VA1196-4GE42-0AA0	3VA1196-5GE42-0AA0	3VA1196-6GE42-0AA0
20	3VA1120-4GE42-0AA0	3VA1120-5GE42-0AA0	3VA1120-6GE42-0AA0
25	3VA1125-4GE42-0AA0	3VA1125-5GE42-0AA0	3VA1125-6GE42-0AA0
32	3VA1132-4GE42-0AA0	3VA1132-5GE42-0AA0	3VA1132-6GE42-0AA0
40	3VA1140-4GE42-0AA0	3VA1140-5GE42-0AA0	3VA1140-6GE42-0AA0
50	3VA1150-4GE42-0AA0	3VA1150-5GE42-0AA0	3VA1150-6GE42-0AA0
63	3VA1163-4GE42-0AA0	3VA1163-5GE42-0AA0	3VA1163-6GE42-0AA0
80	3VA1180-4GE42-0AA0	3VA1180-5GE42-0AA0	3VA1180-6GE42-0AA0
100	3VA1110-4GE42-0AA0	3VA1110-5GE42-0AA0	3VA1110-6GE42-0AA0
125	3VA1112-4GE42-0AA0	3VA1112-5GE42-0AA0	3VA1112-6GE42-0AA0
160	3VA1116-4GE42-0AA0	3VA1116-5GE42-0AA0	3VA1116-6GE42-0AA0

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153



Connection technology

Type

Rated current

 I_n

A

Current setting of the inverse-time delayed overload protection "L"

 I_r

A

Operating current of the instantaneous short-circuit protection "I"

 I_i

A

DT

I_{cu} up to 25 kA at 415 V, low breaking capacity N
See "Overview", p. 1/6 and 1/7

(N)

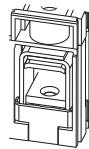
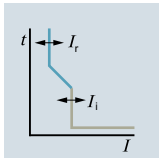
Article No.
www.siemens.com/product?ArticleNo.

Basic price €
per PU

4-pole, fixed-mounted, 3VA11/3VA12, up to 250 A Thermal-magnetic trip unit



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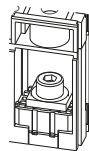


Line protection, TM240 ATAM, without neutral conductor protection

With adjustable overload protection I_r and adjustable short-circuit protection I_i

Connection with box terminal

3VA11	16	11 ... 16	160 ... 320	3VA1196-3EF46-0AA0
	20	14 ... 20	160 ... 320	3VA1120-3EF46-0AA0
	25	18 ... 25	160 ... 320	3VA1125-3EF46-0AA0
	32	16 ... 32	160 ... 320	3VA1132-3EF46-0AA0
	40	28 ... 40	200 ... 400	3VA1140-3EF46-0AA0
	50	35 ... 50	250 ... 500	3VA1150-3EF46-0AA0
	63	44 ... 63	315 ... 630	3VA1163-3EF46-0AA0
	80	56 ... 80	400 ... 800	3VA1180-3EF46-0AA0
	100	70 ... 100	500 ... 1000	3VA1110-3EF46-0AA0
	125	88 ... 125	625 ... 1250	3VA1112-3EF46-0AA0
	160	112 ... 160	800 ... 1600	3VA1116-3EF46-0AA0

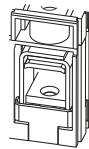
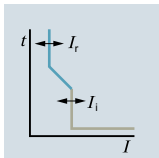


Connection with lug terminal

3VA11	16	11 ... 16	160 ... 320	3VA1196-3EF42-0AA0
	20	14 ... 20	160 ... 320	3VA1120-3EF42-0AA0
	25	18 ... 25	160 ... 320	3VA1125-3EF42-0AA0
	32	16 ... 32	160 ... 320	3VA1132-3EF42-0AA0
	40	28 ... 40	200 ... 400	3VA1140-3EF42-0AA0
	50	35 ... 50	250 ... 500	3VA1150-3EF42-0AA0
	63	44 ... 63	315 ... 630	3VA1163-3EF42-0AA0
	80	56 ... 80	400 ... 800	3VA1180-3EF42-0AA0
	100	70 ... 100	500 ... 1000	3VA1110-3EF42-0AA0
	125	88 ... 125	625 ... 1250	3VA1112-3EF42-0AA0
	160	112 ... 160	800 ... 1600	3VA1116-3EF42-0AA0
3VA12	160	112 ... 160	800 ... 1600	--
	200	140 ... 200	1000 ... 2000	--
	250	175 ... 250	1250 ... 2500	--



I201_19035

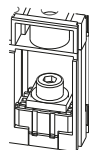


Line protection, TM240 ATAM, 50 % neutral conductor protection

With adjustable overload protection I_r and adjustable short-circuit protection I_i

Connection with box terminal

3VA11	100	70 ... 100	500 ... 1000	3VA1110-3FF46-0AA0
	125	88 ... 125	625 ... 1250	3VA1112-3FF46-0AA0
	160	112 ... 160	800 ... 1600	3VA1116-3FF46-0AA0



Connection with lug terminal

3VA11	100	70 ... 100	500 ... 1000	3VA1110-3FF42-0AA0
	125	88 ... 125	625 ... 1250	3VA1112-3FF42-0AA0
	160	112 ... 160	800 ... 1600	3VA1116-3FF42-0AA0
3VA12	160	112 ... 160	800 ... 1600	--
	200	140 ... 200	1000 ... 2000	--
	250	175 ... 250	1250 ... 2500	--

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S See "Overview", p. 1/6 and 1/7	(S)	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M See "Overview", p. 1/6 and 1/7	(M)	DT	I_{cu} up to 70 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	(H)
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A									

Line protection, TM240 ATAM, without neutral conductor protection

With adjustable overload protection I_r and adjustable short-circuit protection I_i

Connection with box terminal

16	3VA1196-4EF46-0AA0	3VA1196-5EF46-0AA0	3VA1196-6EF46-0AA0
20	3VA1120-4EF46-0AA0	3VA1120-5EF46-0AA0	3VA1120-6EF46-0AA0
25	3VA1125-4EF46-0AA0	3VA1125-5EF46-0AA0	3VA1125-6EF46-0AA0
32	3VA1132-4EF46-0AA0	3VA1132-5EF46-0AA0	3VA1132-6EF46-0AA0
40	3VA1140-4EF46-0AA0	3VA1140-5EF46-0AA0	3VA1140-6EF46-0AA0
50	3VA1150-4EF46-0AA0	3VA1150-5EF46-0AA0	3VA1150-6EF46-0AA0
63	3VA1163-4EF46-0AA0	3VA1163-5EF46-0AA0	3VA1163-6EF46-0AA0
80	3VA1180-4EF46-0AA0	3VA1180-5EF46-0AA0	3VA1180-6EF46-0AA0
100	3VA1110-4EF46-0AA0	3VA1110-5EF46-0AA0	3VA1110-6EF46-0AA0
125	3VA1112-4EF46-0AA0	3VA1112-5EF46-0AA0	3VA1112-6EF46-0AA0
160	3VA1116-4EF46-0AA0	3VA1116-5EF46-0AA0	3VA1116-6EF46-0AA0

Connection with lug terminal

16	3VA1196-4EF42-0AA0	3VA1196-5EF42-0AA0	3VA1196-6EF42-0AA0
20	3VA1120-4EF42-0AA0	3VA1120-5EF42-0AA0	3VA1120-6EF42-0AA0
25	3VA1125-4EF42-0AA0	3VA1125-5EF42-0AA0	3VA1125-6EF42-0AA0
32	3VA1132-4EF42-0AA0	3VA1132-5EF42-0AA0	3VA1132-6EF42-0AA0
40	3VA1140-4EF42-0AA0	3VA1140-5EF42-0AA0	3VA1140-6EF42-0AA0
50	3VA1150-4EF42-0AA0	3VA1150-5EF42-0AA0	3VA1150-6EF42-0AA0
63	3VA1163-4EF42-0AA0	3VA1163-5EF42-0AA0	3VA1163-6EF42-0AA0
80	3VA1180-4EF42-0AA0	3VA1180-5EF42-0AA0	3VA1180-6EF42-0AA0
100	3VA1110-4EF42-0AA0	3VA1110-5EF42-0AA0	3VA1110-6EF42-0AA0
125	3VA1112-4EF42-0AA0	3VA1112-5EF42-0AA0	3VA1112-6EF42-0AA0
160	3VA1116-4EF42-0AA0	3VA1116-5EF42-0AA0	3VA1116-6EF42-0AA0
160	3VA1216-4EF42-0AA0	3VA1216-5EF42-0AA0	3VA1216-6EF42-0AA0
200	3VA1220-4EF42-0AA0	3VA1220-5EF42-0AA0	3VA1220-6EF42-0AA0
250	3VA1225-4EF42-0AA0	3VA1225-5EF42-0AA0	3VA1225-6EF42-0AA0

Line protection, TM240 ATAM, 50 % neutral conductor protection

With adjustable overload protection I_r and adjustable short-circuit protection I_i

Connection with box terminal

100	3VA1110-4FF46-0AA0	3VA1110-5FF46-0AA0	3VA1110-6FF46-0AA0
125	3VA1112-4FF46-0AA0	3VA1112-5FF46-0AA0	3VA1112-6FF46-0AA0
160	3VA1116-4FF46-0AA0	3VA1116-5FF46-0AA0	3VA1116-6FF46-0AA0

Connection with lug terminal

100	3VA1110-4FF42-0AA0	3VA1110-5FF42-0AA0	3VA1110-6FF42-0AA0
125	3VA1112-4FF42-0AA0	3VA1112-5FF42-0AA0	3VA1112-6FF42-0AA0
160	3VA1116-4FF42-0AA0	3VA1116-5FF42-0AA0	3VA1116-6FF42-0AA0
160	3VA1216-4FF42-0AA0	3VA1216-5FF42-0AA0	3VA1216-6FF42-0AA0
200	3VA1220-4FF42-0AA0	3VA1220-5FF42-0AA0	3VA1220-6FF42-0AA0
250	3VA1225-4FF42-0AA0	3VA1225-5FF42-0AA0	3VA1225-6FF42-0AA0

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153



Connection technology

Type

Rated current

 I_n

A

Current setting of the inverse-time delayed overload protection "L"

 I_r

A

Operating current of the instantaneous short-circuit protection "I"

 I_i

A

DT

 I_{cu} up to 25 kA at 415 V, low breaking capacity N

See "Overview", p. 1/6 and 1/7

Article No.
www.siemens.com/product?ArticleNo.

Basic price € per PU

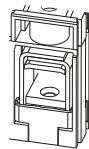
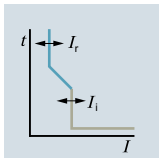
(N)

4-pole, fixed-mounted, 3VA11/3VA12, up to 250 A
Thermal-magnetic trip unit



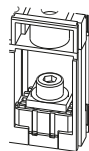
I201_19035

Line protection, TM240 ATAM, 100 % neutral conductor protection

With adjustable overload protection I_r and adjustable short-circuit protection I_i 

Connection with box terminal

3VA11	16	11 ... 16	160 ... 320	3VA1196-3GF46-0AA0
	20	14 ... 20	160 ... 320	3VA1120-3GF46-0AA0
	25	18 ... 25	160 ... 320	3VA1125-3GF46-0AA0
	32	16 ... 32	160 ... 320	3VA1132-3GF46-0AA0
	40	28 ... 40	200 ... 400	3VA1140-3GF46-0AA0
	50	35 ... 50	250 ... 500	3VA1150-3GF46-0AA0
	63	44 ... 63	315 ... 630	3VA1163-3GF46-0AA0
	80	56 ... 80	400 ... 800	3VA1180-3GF46-0AA0
	100	70 ... 100	500 ... 1000	3VA1110-3GF46-0AA0
	125	88 ... 125	625 ... 1250	3VA1112-3GF46-0AA0
	160	112 ... 160	800 ... 1600	3VA1116-3GF46-0AA0



Connection with lug terminal

3VA11	16	11 ... 16	160 ... 320	3VA1196-3GF42-0AA0
	20	14 ... 20	160 ... 320	3VA1120-3GF42-0AA0
	25	18 ... 25	160 ... 320	3VA1125-3GF42-0AA0
	32	16 ... 32	160 ... 320	3VA1132-3GF42-0AA0
	40	28 ... 40	200 ... 400	3VA1140-3GF42-0AA0
	50	35 ... 50	250 ... 500	3VA1150-3GF42-0AA0
	63	44 ... 63	315 ... 630	3VA1163-3GF42-0AA0
	80	56 ... 80	400 ... 800	3VA1180-3GF42-0AA0
	100	70 ... 100	500 ... 1000	3VA1110-3GF42-0AA0
	125	88 ... 125	625 ... 1250	3VA1112-3GF42-0AA0
	160	112 ... 160	800 ... 1600	3VA1116-3GF42-0AA0
3VA12	160	112 ... 160	800 ... 1600	--
	200	140 ... 200	1000 ... 2000	--
	250	175 ... 250	1250 ... 2500	--

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S See "Overview", p. 1/6 and 1/7	(S)	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M See "Overview", p. 1/6 and 1/7	(M)	DT	I_{cu} up to 70 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	(H)
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A									

Line protection, TM240 ATAM, 100 % neutral conductor protection

With adjustable overload protection I_r and adjustable short-circuit protection I_i

Connection with box terminal			
16	3VA1196-4GF46-0AA0	3VA1196-5GF46-0AA0	3VA1196-6GF46-0AA0
20	3VA1120-4GF46-0AA0	3VA1120-5GF46-0AA0	3VA1120-6GF46-0AA0
25	3VA1125-4GF46-0AA0	3VA1125-5GF46-0AA0	3VA1125-6GF46-0AA0
32	3VA1132-4GF46-0AA0	3VA1132-5GF46-0AA0	3VA1132-6GF46-0AA0
40	3VA1140-4GF46-0AA0	3VA1140-5GF46-0AA0	3VA1140-6GF46-0AA0
50	3VA1150-4GF46-0AA0	3VA1150-5GF46-0AA0	3VA1150-6GF46-0AA0
63	3VA1163-4GF46-0AA0	3VA1163-5GF46-0AA0	3VA1163-6GF46-0AA0
80	3VA1180-4GF46-0AA0	3VA1180-5GF46-0AA0	3VA1180-6GF46-0AA0
100	3VA1110-4GF46-0AA0	3VA1110-5GF46-0AA0	3VA1110-6GF46-0AA0
125	3VA1112-4GF46-0AA0	3VA1112-5GF46-0AA0	3VA1112-6GF46-0AA0
160	3VA1116-4GF46-0AA0	3VA1116-5GF46-0AA0	3VA1116-6GF46-0AA0
Connection with lug terminal			
16	3VA1196-4GF42-0AA0	3VA1196-5GF42-0AA0	3VA1196-6GF42-0AA0
20	3VA1120-4GF42-0AA0	3VA1120-5GF42-0AA0	3VA1120-6GF42-0AA0
25	3VA1125-4GF42-0AA0	3VA1125-5GF42-0AA0	3VA1125-6GF42-0AA0
32	3VA1132-4GF42-0AA0	3VA1132-5GF42-0AA0	3VA1132-6GF42-0AA0
40	3VA1140-4GF42-0AA0	3VA1140-5GF42-0AA0	3VA1140-6GF42-0AA0
50	3VA1150-4GF42-0AA0	3VA1150-5GF42-0AA0	3VA1150-6GF42-0AA0
63	3VA1163-4GF42-0AA0	3VA1163-5GF42-0AA0	3VA1163-6GF42-0AA0
80	3VA1180-4GF42-0AA0	3VA1180-5GF42-0AA0	3VA1180-6GF42-0AA0
100	3VA1110-4GF42-0AA0	3VA1110-5GF42-0AA0	3VA1110-6GF42-0AA0
125	3VA1112-4GF42-0AA0	3VA1112-5GF42-0AA0	3VA1112-6GF42-0AA0
160	3VA1116-4GF42-0AA0	3VA1116-5GF42-0AA0	3VA1116-6GF42-0AA0
160	3VA1216-4GF42-0AA0	3VA1216-5GF42-0AA0	3VA1216-6GF42-0AA0
200	3VA1220-4GF42-0AA0	3VA1220-5GF42-0AA0	3VA1220-6GF42-0AA0
250	3VA1225-4GF42-0AA0	3VA1225-5GF42-0AA0	3VA1225-6GF42-0AA0

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Starter protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Connection
technology

Type

Rated
current I_n

A

Current setting
of the inverse-
time delayed
overload
protection "L" I_r

A

Operating
current of the
instanta-
neous short-
circuit pro-
tection "I" I_i

A

DT

**I_{cu} up to 55 kA at 415 V,
medium breaking capacity M**
See "Overview", p. 1/6 and 1/7

Article No.
[www.siemens.com/
product?Article No.](http://www.siemens.com/product?ArticleNo.)

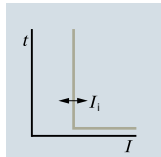
Basic
price €
per PU



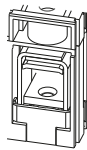
3-pole, fixed-mounted, 3VA11/3VA12, up to 200 A Magnetic trip unit



I201_19240



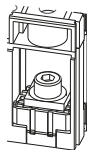
Starter protection, TM120M AM

With adjustable short-circuit protection I_i 

Connection with box terminal

3VA11	32	--	220 ... 510
	40	--	280 ... 640
	50	--	350 ... 800
	63	--	440 ... 1010
	80	--	560 ... 1280
	100	--	700 ... 1600
	125	--	875 ... 2000

3VA1132-5MH36-0AA0
3VA1140-5MH36-0AA0
3VA1150-5MH36-0AA0



Connection with lug terminal

3VA11	32	--	220 ... 510
	40	--	280 ... 640
	50	--	350 ... 800
	63	--	440 ... 1010
	80	--	560 ... 1280
	100	--	700 ... 1600
	125	--	875 ... 2000
3VA12	160 ¹⁾	--	1120 ... 2560
	200 ¹⁾	--	1400 ... 2800

3VA1132-5MH32-0AA0
3VA1140-5MH32-0AA0
3VA1150-5MH32-0AA0

3VA1163-5MH32-0AA0
3VA1180-5MH32-0AA0
3VA1110-5MH32-0AA0
3VA1112-5MH32-0AA0

3VA1216-5MH32-0AA0
3VA1220-5MH32-0AA0

¹⁾ Start of delivery scheduled for 2nd quarter 2015

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Starter protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 70 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	(H)
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A			

Starter protection, TM120M AM

With adjustable short-circuit protection I_i

Connection with box terminal

32	3VA1132-6MH36-0AA0
40	3VA1140-6MH36-0AA0
50	3VA1150-6MH36-0AA0
63	3VA1163-6MH36-0AA0
80	3VA1180-6MH36-0AA0
100	3VA1110-6MH36-0AA0
125	3VA1112-6MH36-0AA0

Connection with lug terminal

32	3VA1132-6MH32-0AA0
40	3VA1140-6MH32-0AA0
50	3VA1150-6MH32-0AA0
63	3VA1163-6MH32-0AA0
80	3VA1180-6MH32-0AA0
100	3VA1110-6MH32-0AA0
125	3VA1112-6MH32-0AA0
160 ¹⁾	3VA1216-6MH32-0AA0
200 ¹⁾	3VA1220-6MH32-0AA0

¹⁾ Start of delivery scheduled for 2nd quarter 2015

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Switch disconnectors

Selection and ordering data

PU (UNIT, SET, M) = 1

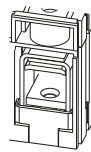
PS*/P. unit = 1 UNIT

PG = 153

	Connection technology	Type	Rated current I_n	Current setting of the inverse-time delayed overload protection "L" I_r	Operating current of the instantaneous short-circuit protection "I" I_i	DT	Article No. www.siemens.com/product?Article No.	Basic price € per PU
			A	A	A			

3-pole, fixed-mounted, 3VA11/3VA12, up to 250 A
Without trip unit

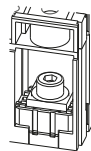
Switch disconnector without SD100 trip unit



Connection with box terminal

3VA11	63	--	--
	100	--	--
	125	--	--
	160	--	--

3VA1163-1AA36-0AA0
3VA1110-1AA36-0AA0
3VA1112-1AA36-0AA0
3VA1116-1AA36-0AA0



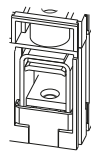
Connection with lug terminal

3VA11	63	--	--
	100	--	--
	125	--	--
	160	--	--
3VA12	250	--	--

3VA1163-1AA32-0AA0
3VA1110-1AA32-0AA0
3VA1112-1AA32-0AA0
3VA1116-1AA32-0AA0
3VA1225-1AA32-0AA0

4-pole, fixed-mounted, 3VA11/3VA12, up to 250 A
Without trip unit

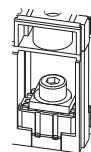
Switch disconnector without SD100 trip unit



Connection with box terminal

3VA11	63	--	--
	100	--	--
	125	--	--
	160	--	--

3VA1163-1AA46-0AA0
3VA1110-1AA46-0AA0
3VA1112-1AA46-0AA0
3VA1116-1AA46-0AA0



Connection with lug terminal

3VA11	63	--	--
	100	--	--
	125	--	--
	160	--	--
3VA12	250	--	--

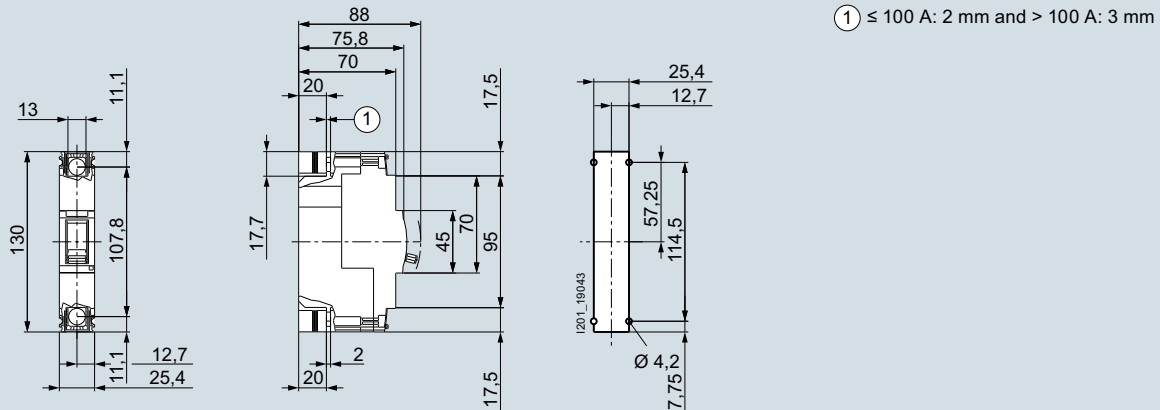
3VA1163-1AA42-0AA0
3VA1110-1AA42-0AA0
3VA1112-1AA42-0AA0
3VA1116-1AA42-0AA0
3VA1225-1AA42-0AA0

¹⁾ Start of delivery scheduled for 2nd quarter 2015

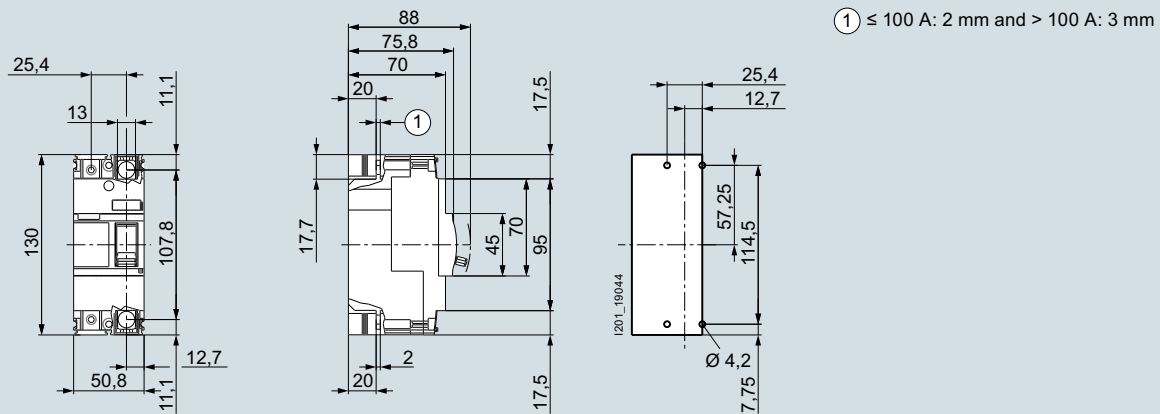
3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Dimensional drawings

Overview



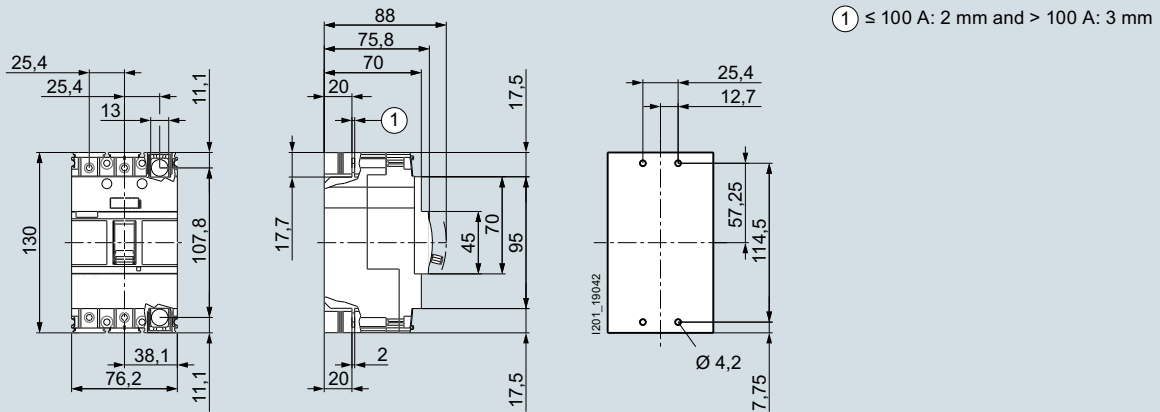
3VA11, 1-pole



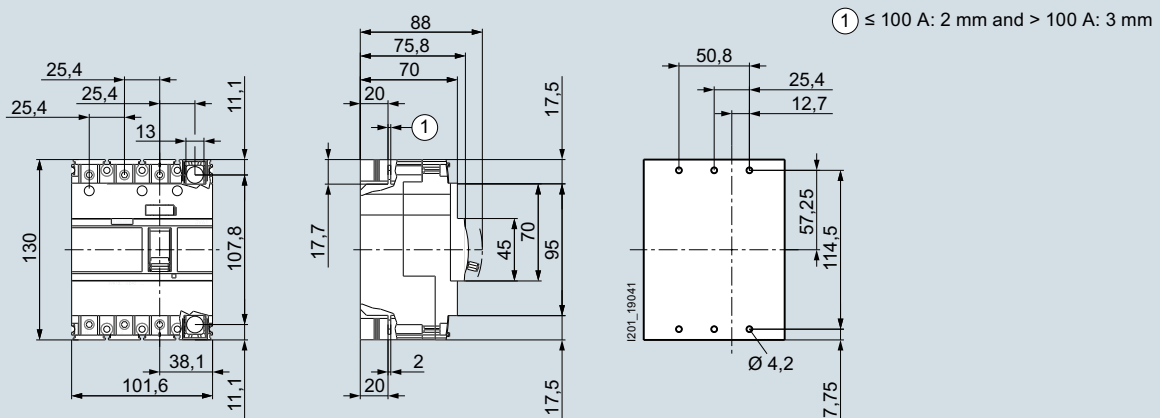
3VA11, 2-pole

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Dimensional drawings



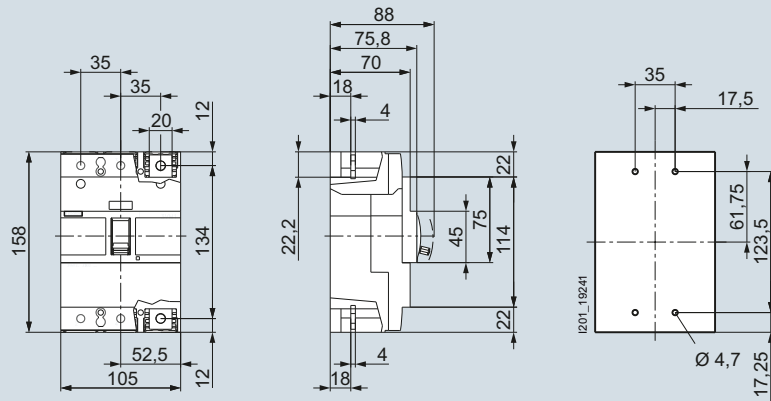
3VA10 and 3VA11, 3-pole



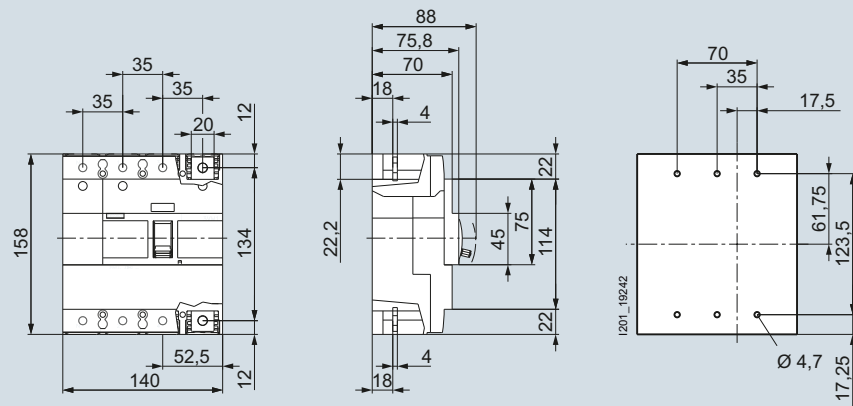
3VA10 and 3VA11, 4-pole

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Dimensional drawings



3VA12, 3-pole



3VA12, 4-pole

Further dimensional drawings can be found in the image database at: www.siemens.com/lowvoltage/picturedb

3VA1 Molded Case Circuit Breakers up to 250 A, TM, 400 V, up to 70 kA

Notes

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA



3/2	Line protection
3/26	Motor and starter protection
3/28	Dimensional drawings

NEW

Direct reference to the products in the Industry Mall from the selection and ordering data tables:

Article No.
[www.siemens.com/
 product?](http://www.siemens.com/product?Article No.) **Article No.**

3KD2832-0NE10-0

Paper catalog:
 To get more
 product information
 enter the Web
 address plus
 Article No.

PDF catalog:
 Get more product information
 with just a mouse click.

For further technical product information:

Siemens Industry Online Support:
www.siemens.com/lowvoltage/product-support

→ Entry type:
 Application example
 Certificate
 Characteristic
 Download
 FAQ
 Manual
 Product note
 Software archive
 Technical data

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

Selection and ordering data

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153



Connection technology

Type

Rated current

 I_n

A

Current setting of the inverse-time delayed overload protection "L"

 I_r

A

S function (short-time delayed short-circuit protection "S")

 I_{sd}

A

Operating current of the instantaneous short-circuit protection "I"

 I_i

A

DT

I_{cu} up to 55 kA at 415 V, medium breaking capacity M

See "Overview", p. 1/6 and 1/7

Article No.
www.siemens.com/product?Article No.

Basic price € per PU

3-pole, fixed-mounted, 3VA20 to 3VA24, up to 630 A Electronic trip unit



I201_18857

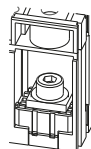
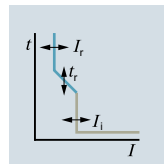
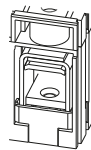
Line protection, ETU320 LI

With adjustable overload protection I_r and adjustable instantaneous short-circuit protection I_i

Connection with box terminal

3VA20	25	10 ... 25	--	38 ... 300
	40	16 ... 40	--	60 ... 480
	63	25 ... 63	--	95 ... 756
	100	40 ... 100	--	150 ... 1200
3VA21	25	10 ... 25	--	38 ... 300
	40	16 ... 40	--	60 ... 480
	63	25 ... 63	--	95 ... 756
	100	40 ... 100	--	150 ... 1200
	160	63 ... 160	--	240 ... 1600

3VA2025-5HL36-0AA0
 3VA2040-5HL36-0AA0
 3VA2063-5HL36-0AA0
 3VA2010-5HL36-0AA0



Connection with lug terminal

3VA20	25	10 ... 25	--	38 ... 300
	40	16 ... 40	--	60 ... 480
	63	25 ... 63	--	95 ... 756
	100	40 ... 100	--	150 ... 1200
3VA21	25	10 ... 25	--	38 ... 300
	40	16 ... 40	--	60 ... 480
	63	25 ... 63	--	95 ... 756
	100	40 ... 100	--	150 ... 1200
	160	63 ... 160	--	240 ... 1600
3VA22	160	63 ... 160	--	240 ... 1920
	250	100 ... 250	--	375 ... 2500
3VA23	250	100 ... 250	--	375 ... 3000
	400	160 ... 400	--	600 ... 4000
3VA24	400	160 ... 400	--	600 ... 4800 ¹⁾
	630	250 ... 630	--	945 ... 5670

3VA2025-5HL32-0AA0
 3VA2040-5HL32-0AA0
 3VA2063-5HL32-0AA0
 3VA2010-5HL32-0AA0

3VA2125-5HL32-0AA0
 3VA2140-5HL32-0AA0
 3VA2163-5HL32-0AA0
 3VA2110-5HL32-0AA0
 3VA2116-5HL32-0AA0

3VA2216-5HL32-0AA0
 3VA2225-5HL32-0AA0

3VA2325-5HL32-0AA0
 3VA2340-5HL32-0AA0

3VA2440-5HL32-0AA0
 3VA2463-5HL32-0AA0

¹⁾ At breaking capacity L 4400 A

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 85 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	H	DT	I_{cu} up to 110 kA at 415 V, very high breaking capacity C See "Overview", p. 1/6 and 1/7	C	DT	I_{cu} up to 150 kA at 415 V, extremely high breaking capacity L See "Overview", p. 1/6 and 1/7	L
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A									

Line protection, ETU320 LI

With adjustable overload protection I_r and adjustable instantaneous short-circuit protection I_i

Connection with box terminal			
25	3VA2025-6HL36-0AA0	3VA2025-7HL36-0AA0	3VA2025-8HL36-0AA0
40	3VA2040-6HL36-0AA0	3VA2040-7HL36-0AA0	3VA2040-8HL36-0AA0
63	3VA2063-6HL36-0AA0	3VA2063-7HL36-0AA0	3VA2063-8HL36-0AA0
100	3VA2010-6HL36-0AA0	3VA2010-7HL36-0AA0	3VA2010-8HL36-0AA0
25	3VA2125-6HL36-0AA0	3VA2125-7HL36-0AA0	3VA2125-8HL36-0AA0
40	3VA2140-6HL36-0AA0	3VA2140-7HL36-0AA0	3VA2140-8HL36-0AA0
63	3VA2163-6HL36-0AA0	3VA2163-7HL36-0AA0	3VA2163-8HL36-0AA0
100	3VA2110-6HL36-0AA0	3VA2110-7HL36-0AA0	3VA2110-8HL36-0AA0
160	3VA2116-6HL36-0AA0	3VA2116-7HL36-0AA0	3VA2116-8HL36-0AA0
Connection with lug terminal			
25	3VA2025-6HL32-0AA0	3VA2025-7HL32-0AA0	3VA2025-8HL32-0AA0
40	3VA2040-6HL32-0AA0	3VA2040-7HL32-0AA0	3VA2040-8HL32-0AA0
63	3VA2063-6HL32-0AA0	3VA2063-7HL32-0AA0	3VA2063-8HL32-0AA0
100	3VA2010-6HL32-0AA0	3VA2010-7HL32-0AA0	3VA2010-8HL32-0AA0
25	3VA2125-6HL32-0AA0	3VA2125-7HL32-0AA0	3VA2125-8HL32-0AA0
40	3VA2140-6HL32-0AA0	3VA2140-7HL32-0AA0	3VA2140-8HL32-0AA0
63	3VA2163-6HL32-0AA0	3VA2163-7HL32-0AA0	3VA2163-8HL32-0AA0
100	3VA2110-6HL32-0AA0	3VA2110-7HL32-0AA0	3VA2110-8HL32-0AA0
160	3VA2116-6HL32-0AA0	3VA2116-7HL32-0AA0	3VA2116-8HL32-0AA0
160	3VA2216-6HL32-0AA0	3VA2216-7HL32-0AA0	3VA2216-8HL32-0AA0
250	3VA2225-6HL32-0AA0	3VA2225-7HL32-0AA0	3VA2225-8HL32-0AA0
250	3VA2325-6HL32-0AA0	3VA2325-7HL32-0AA0	1) ¹⁾ 3VA2325-8HL32-0AA0
400	3VA2340-6HL32-0AA0	3VA2340-7HL32-0AA0	1) ¹⁾ 3VA2340-8HL32-0AA0
400	3VA2440-6HL32-0AA0	3VA2440-7HL32-0AA0	1) ¹⁾ 3VA2440-8HL32-0AA0
630	3VA2463-6HL32-0AA0	3VA2463-7HL32-0AA0	1) ¹⁾ 3VA2463-8HL32-0AA0

¹⁾ Start of delivery scheduled for 3rd quarter 2015

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Conne-
ction tech-
nology

Type

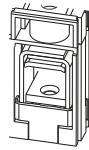
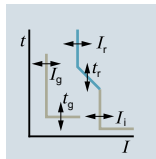
Rated
current
 I_n Current set-
ting of the in-
verse-
time delayed
overload
protection "L"
 I_r Operating cur-
rent of the in-
stantaneous
short-circuit
protection "I"
 I_i Ground-
fault pro-
tection G
 I_g

DT

 **I_{cu} up to 55 kA at 415 V,
medium breaking capacity M**
See "Overview", p. 1/6 and 1/7Article No.
[www.siemens.com/
product?Article No.](http://www.siemens.com/product?Article No.)Basic
price €
per PU
3-pole, fixed-mounted, 3VA20 to 3VA24, up to 630 A
Electronic trip unit


I201_18426

Line protection, ETU330 LIG

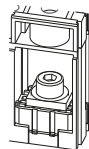
With adjustable overload protection I_r , adjustable instantaneous short-circuit protection I_i and adjustable ground-fault protection I_g 

Connection with box terminal

3VA20	25	10 ... 25	38 ... 300	15 ... 25
	40	16 ... 40	60 ... 480	16 ... 40
	63	25 ... 63	95 ... 756	16 ... 63
	100	40 ... 100	150 ... 1200	20 ... 100
3VA21	25	10 ... 25	38 ... 300	15 ... 25
	40	16 ... 40	60 ... 480	16 ... 40
	63	25 ... 63	95 ... 756	16 ... 63
	100	40 ... 100	150 ... 1200	20 ... 100
	160	63 ... 160	240 ... 1600	32 ... 160

3VA2025-5HM36-0AA0
3VA2040-5HM36-0AA0
3VA2063-5HM36-0AA0
3VA2010-5HM36-0AA0

3VA2125-5HM36-0AA0
3VA2140-5HM36-0AA0
3VA2163-5HM36-0AA0
3VA2110-5HM36-0AA0
3VA2116-5HM36-0AA0



Connection with lug terminal

3VA20	25	10 ... 25	38 ... 300	15 ... 25
	40	16 ... 40	60 ... 480	16 ... 40
	63	25 ... 63	95 ... 756	16 ... 63
	100	40 ... 100	150 ... 1200	20 ... 100
3VA21	25	10 ... 25	38 ... 300	15 ... 25
	40	16 ... 40	60 ... 480	16 ... 40
	63	25 ... 63	95 ... 756	16 ... 63
	100	40 ... 100	150 ... 1200	20 ... 100
	160	63 ... 160	240 ... 1600	32 ... 160
3VA22	160	63 ... 160	240 ... 1920	32 ... 160
	250	100 ... 250	375 ... 2500	50 ... 250
3VA23	250	100 ... 250	375 ... 3000	50 ... 250
	400	160 ... 400	600 ... 4000	80 ... 400
3VA24	400	160 ... 400	600 ... 4800 ¹⁾	80 ... 400
	630	250 ... 630	945 ... 5670	126 ... 630

3VA2025-5HM32-0AA0
3VA2040-5HM32-0AA0
3VA2063-5HM32-0AA0
3VA2010-5HM32-0AA0

3VA2125-5HM32-0AA0
3VA2140-5HM32-0AA0
3VA2163-5HM32-0AA0
3VA2110-5HM32-0AA0
3VA2116-5HM32-0AA0

3VA2216-5HM32-0AA0
3VA2225-5HM32-0AA0

3VA2325-5HM32-0AA0
3VA2340-5HM32-0AA0

3VA2440-5HM32-0AA0
3VA2463-5HM32-0AA0

¹⁾ At breaking capacity L 4400 A

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 85 kA at 415 V, high breaking capacity H H	DT	I_{cu} up to 110 kA at 415 V, very high breaking capacity C C	DT	I_{cu} up to 150 kA at 415 V, extremely high breaking capacity L L
I_n		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.
A		Basic price € per PU		Basic price € per PU		Basic price € per PU

Line protection, ETU330 LIG

With adjustable overload protection I_r , adjustable instantaneous short-circuit protection I_i and adjustable ground-fault protection I_g

Connection with box terminal

25	3VA2025-6HM36-0AA0	3VA2025-7HM36-0AA0	3VA2025-8HM36-0AA0
40	3VA2040-6HM36-0AA0	3VA2040-7HM36-0AA0	3VA2040-8HM36-0AA0
63	3VA2063-6HM36-0AA0	3VA2063-7HM36-0AA0	3VA2063-8HM36-0AA0
100	3VA2010-6HM36-0AA0	3VA2010-7HM36-0AA0	3VA2010-8HM36-0AA0
25	3VA2125-6HM36-0AA0	3VA2125-7HM36-0AA0	3VA2125-8HM36-0AA0
40	3VA2140-6HM36-0AA0	3VA2140-7HM36-0AA0	3VA2140-8HM36-0AA0
63	3VA2163-6HM36-0AA0	3VA2163-7HM36-0AA0	3VA2163-8HM36-0AA0
100	3VA2110-6HM36-0AA0	3VA2110-7HM36-0AA0	3VA2110-8HM36-0AA0
160	3VA2116-6HM36-0AA0	3VA2116-7HM36-0AA0	3VA2116-8HM36-0AA0

Connection with lug terminal

25	3VA2025-6HM32-0AA0	3VA2025-7HM32-0AA0	3VA2025-8HM32-0AA0
40	3VA2040-6HM32-0AA0	3VA2040-7HM32-0AA0	3VA2040-8HM32-0AA0
63	3VA2063-6HM32-0AA0	3VA2063-7HM32-0AA0	3VA2063-8HM32-0AA0
100	3VA2010-6HM32-0AA0	3VA2010-7HM32-0AA0	3VA2010-8HM32-0AA0
25	3VA2125-6HM32-0AA0	3VA2125-7HM32-0AA0	3VA2125-8HM32-0AA0
40	3VA2140-6HM32-0AA0	3VA2140-7HM32-0AA0	3VA2140-8HM32-0AA0
63	3VA2163-6HM32-0AA0	3VA2163-7HM32-0AA0	3VA2163-8HM32-0AA0
100	3VA2110-6HM32-0AA0	3VA2110-7HM32-0AA0	3VA2110-8HM32-0AA0
160	3VA2116-6HM32-0AA0	3VA2116-7HM32-0AA0	3VA2116-8HM32-0AA0
160	3VA2216-6HM32-0AA0	3VA2216-7HM32-0AA0	3VA2216-8HM32-0AA0
250	3VA2225-6HM32-0AA0	3VA2225-7HM32-0AA0	3VA2225-8HM32-0AA0
250	3VA2325-6HM32-0AA0	3VA2325-7HM32-0AA0	1) 3VA2325-8HM32-0AA0
400	3VA2340-6HM32-0AA0	3VA2340-7HM32-0AA0	1) 3VA2340-8HM32-0AA0
400	3VA2440-6HM32-0AA0	3VA2440-7HM32-0AA0	1) 3VA2440-8HM32-0AA0
630	3VA2463-6HM32-0AA0	3VA2463-7HM32-0AA0	1) 3VA2463-8HM32-0AA0

1) Start of delivery scheduled for 3rd quarter 2015

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

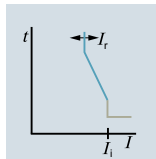


Connection technology	Type	Rated current I_n	Current setting of the inverse-time delayed overload protection "L" I_r	Operating current of the instantaneous short-circuit protection "I" I_i	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M See "Overview", p. 1/6 and 1/7	(M)
		A	A	A		Article No. www.siemens.com/product?ArticleNo.	Basic price € per PU

3-pole, fixed-mounted, 3VA21 to 3VA24, up to 630 A Electronic trip unit

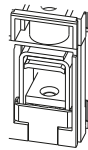


I201_18427



Line protection, ETU340 ELISA

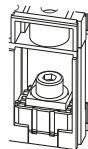
With easily adjustable characteristic (characteristic curve of a fuse)



Connection with box terminal

3VA21	25	10 ... 25	375
	40	16 ... 40	600
	63	25 ... 63	945
	100	40 ... 100	1500

3VA2125-5HK36-0AA0
3VA2140-5HK36-0AA0
3VA2163-5HK36-0AA0
3VA2110-5HK36-0AA0



Connection with lug terminal

3VA21	25	10 ... 25	375
	40	16 ... 40	600
	63	25 ... 63	945
	100	40 ... 100	1500
3VA22	160	63 ... 160	2400
3VA23	250	100 ... 250	3750
3VA24	400	160 ... 400	6000 ¹⁾
	500	200 ... 500	7000
	630	250 ... 630	5670

3VA2125-5HK32-0AA0
3VA2140-5HK32-0AA0
3VA2163-5HK32-0AA0
3VA2110-5HK32-0AA0

3VA2216-5HK32-0AA0

3VA2325-5HK32-0AA0

3VA2440-5HK32-0AA0

3VA2450-5HK32-0AA0

3VA2463-5HK32-0AA0

¹⁾ At breaking capacity L 4400 A

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 85 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	H	DT	I_{cu} up to 110 kA at 415 V, very high breaking capacity C See "Overview", p. 1/6 and 1/7	C	DT	I_{cu} up to 150 kA at 415 V, extremely high breaking capacity L See "Overview", p. 1/6 and 1/7	L
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A									

Line protection, ETU340 ELISA

With easily adjustable characteristic (characteristic curve of a fuse)

Connection with box terminal			
25	3VA2125-6HK36-0AA0	3VA2125-7HK36-0AA0	3VA2125-8HK36-0AA0
40	3VA2140-6HK36-0AA0	3VA2140-7HK36-0AA0	3VA2140-8HK36-0AA0
63	3VA2163-6HK36-0AA0	3VA2163-7HK36-0AA0	3VA2163-8HK36-0AA0
100	3VA2110-6HK36-0AA0	3VA2110-7HK36-0AA0	3VA2110-8HK36-0AA0
Connection with lug terminal			
25	3VA2125-6HK32-0AA0	3VA2125-7HK32-0AA0	3VA2125-8HK32-0AA0
40	3VA2140-6HK32-0AA0	3VA2140-7HK32-0AA0	3VA2140-8HK32-0AA0
63	3VA2163-6HK32-0AA0	3VA2163-7HK32-0AA0	3VA2163-8HK32-0AA0
100	3VA2110-6HK32-0AA0	3VA2110-7HK32-0AA0	3VA2110-8HK32-0AA0
160	3VA2216-6HK32-0AA0	3VA2216-7HK32-0AA0	3VA2216-8HK32-0AA0
250	3VA2325-6HK32-0AA0	3VA2325-7HK32-0AA0	1) 3VA2325-8HK32-0AA0
400	3VA2440-6HK32-0AA0	3VA2440-7HK32-0AA0	1) 3VA2440-8HK32-0AA0
500	3VA2450-6HK32-0AA0	3VA2450-7HK32-0AA0	1) 3VA2450-8HK32-0AA0
630	3VA2463-6HK32-0AA0	3VA2463-7HK32-0AA0	1) 3VA2463-8HK32-0AA0

1) Start of delivery scheduled for 3rd quarter 2015

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

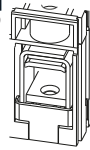
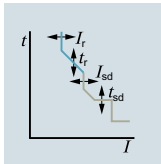


Con- nection tech- nology	Type	Rated current I_n	Current setting of the inverse- time delayed overload protec- tion "L" I_r	S function (short-time delayed short-circuit pro- tection "S") I_{sd}	Operating current of the instanta- neous short- circuit protec- tion "I" I_i	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M See "Overview", p. 1/6 and 1/7	Article No. www.siemens.com/ product?Article No.	Basic price € per PU
		A	A	A	A				

3-pole, fixed-mounted, 3VA20 to 3VA24, up to 630 A Electronic trip unit



I201_18430



Line and generator protection, ETU350 LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} and fixed instantaneous short-circuit protection I_i

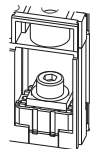
 $I_r \times \dots$

Connection with box terminal

3VA20	25	10 ... 25	1.5 ... 10	300
	40	16 ... 40	1.5 ... 10	480
	63	25 ... 63	1.5 ... 10	756
	100	40 ... 100	1.5 ... 10	1200
3VA21	25	10 ... 25	1.5 ... 10	300
	40	16 ... 40	1.5 ... 10	480
	63	25 ... 63	1.5 ... 10	756
	100	40 ... 100	1.5 ... 10	1200
	160	63 ... 160	1.5 ... 10	1600

3VA2025-5HN36-0AA0
3VA2040-5HN36-0AA0
3VA2063-5HN36-0AA0
3VA2010-5HN36-0AA0

3VA2125-5HN36-0AA0
3VA2140-5HN36-0AA0
3VA2163-5HN36-0AA0
3VA2110-5HN36-0AA0
3VA2116-5HN36-0AA0



Connection with lug terminal

3VA20	25	10 ... 25	1.5 ... 10	300
	40	16 ... 40	1.5 ... 10	480
	63	25 ... 63	1.5 ... 10	756
	100	40 ... 100	1.5 ... 10	1200
3VA21	25	10 ... 25	1.5 ... 10	300
	40	16 ... 40	1.5 ... 10	480
	63	25 ... 63	1.5 ... 10	756
	100	40 ... 100	1.5 ... 10	1200
	160	63 ... 160	1.5 ... 10	1600
3VA22	160	63 ... 160	1.5 ... 10	1920
	250	100 ... 250	1.5 ... 10	2500
3VA23	250	100 ... 250	1.5 ... 10	3000
	400	160 ... 400	1.5 ... 10	4000
3VA24	400	160 ... 400	1.5 ... 10	4800 ¹⁾
	630	250 ... 630	1.5 ... 9	5670

3VA2025-5HN32-0AA0
3VA2040-5HN32-0AA0
3VA2063-5HN32-0AA0
3VA2010-5HN32-0AA0

3VA2125-5HN32-0AA0
3VA2140-5HN32-0AA0
3VA2163-5HN32-0AA0
3VA2110-5HN32-0AA0
3VA2116-5HN32-0AA0

3VA2216-5HN32-0AA0
3VA2225-5HN32-0AA0

3VA2325-5HN32-0AA0
3VA2340-5HN32-0AA0

3VA2440-5HN32-0AA0
3VA2463-5HN32-0AA0

¹⁾ At breaking capacity L 4400 A

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 85 kA at 415 V, high breaking capacity H H See "Overview", p. 1/6 and 1/7	DT	I_{cu} up to 110 kA at 415 V, very high breaking capacity C C See "Overview", p. 1/6 and 1/7	DT	I_{cu} up to 150 kA at 415 V, extremely high breaking capacity L L See "Overview", p. 1/6 and 1/7
I_n		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.
A		Basic price € per PU		Basic price € per PU		Basic price € per PU

Line and generator protection, ETU350 LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} and fixed instantaneous short-circuit protection I_i

Connection with box terminal

25	3VA2025-6HN36-0AA0	3VA2025-7HN36-0AA0	3VA2025-8HN36-0AA0
40	3VA2040-6HN36-0AA0	3VA2040-7HN36-0AA0	3VA2040-8HN36-0AA0
63	3VA2063-6HN36-0AA0	3VA2063-7HN36-0AA0	3VA2063-8HN36-0AA0
100	3VA2010-6HN36-0AA0	3VA2010-7HN36-0AA0	3VA2010-8HN36-0AA0
25	3VA2125-6HN36-0AA0	3VA2125-7HN36-0AA0	3VA2125-8HN36-0AA0
40	3VA2140-6HN36-0AA0	3VA2140-7HN36-0AA0	3VA2140-8HN36-0AA0
63	3VA2163-6HN36-0AA0	3VA2163-7HN36-0AA0	3VA2163-8HN36-0AA0
100	3VA2110-6HN36-0AA0	3VA2110-7HN36-0AA0	3VA2110-8HN36-0AA0
160	3VA2116-6HN36-0AA0	3VA2116-7HN36-0AA0	3VA2116-8HN36-0AA0

Connection with lug terminal

25	3VA2025-6HN32-0AA0	3VA2025-7HN32-0AA0	3VA2025-8HN32-0AA0
40	3VA2040-6HN32-0AA0	3VA2040-7HN32-0AA0	3VA2040-8HN32-0AA0
63	3VA2063-6HN32-0AA0	3VA2063-7HN32-0AA0	3VA2063-8HN32-0AA0
100	3VA2010-6HN32-0AA0	3VA2010-7HN32-0AA0	3VA2010-8HN32-0AA0
25	3VA2125-6HN32-0AA0	3VA2125-7HN32-0AA0	3VA2125-8HN32-0AA0
40	3VA2140-6HN32-0AA0	3VA2140-7HN32-0AA0	3VA2140-8HN32-0AA0
63	3VA2163-6HN32-0AA0	3VA2163-7HN32-0AA0	3VA2163-8HN32-0AA0
100	3VA2110-6HN32-0AA0	3VA2110-7HN32-0AA0	3VA2110-8HN32-0AA0
160	3VA2116-6HN32-0AA0	3VA2116-7HN32-0AA0	3VA2116-8HN32-0AA0
160	3VA2216-6HN32-0AA0	3VA2216-7HN32-0AA0	3VA2216-8HN32-0AA0
250	3VA2225-6HN32-0AA0	3VA2225-7HN32-0AA0	3VA2225-8HN32-0AA0
250	3VA2325-6HN32-0AA0	3VA2325-7HN32-0AA0	¹⁾ 3VA2325-8HN32-0AA0
400	3VA2340-6HN32-0AA0	3VA2340-7HN32-0AA0	¹⁾ 3VA2340-8HN32-0AA0
400	3VA2440-6HN32-0AA0	3VA2440-7HN32-0AA0	¹⁾ 3VA2440-8HN32-0AA0
630	3VA2463-6HN32-0AA0	3VA2463-7HN32-0AA0	¹⁾ 3VA2463-8HN32-0AA0

¹⁾ Start of delivery scheduled for 3rd quarter 2015

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Conne-
ction tech-
nology

Type

Rated
current
 I_n

A

Current set-
ting of the
inverse-
time de-
layed
overload
protection
'L'
 I_r

A

S function
(short-time
delayed
short-cir-
cuit protec-
tion 'S')
 I_{sd}

A

Operating
current of the
instanta-
neous short-
circuit protec-
tion 'I'
 I_i

A

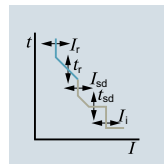
DT

 I_{cu} up to 55 kA at 415 V,
medium breaking capacity M
See "Overview", p. 1/6 and 1/7Article No.
[www.siemens.com/
product?Article No.](http://www.siemens.com/product?ArticleNo.)Basic
price €
per PU

3-pole, fixed-mounted, **3VA20 to 3VA24**, up to 630 A
Electronic trip unit



I201_18480

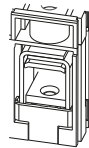


Line and generator protection, with display, ETU550 LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} and adjustable instantaneous short-circuit protection I_i

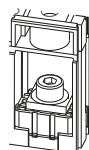
Connection with box terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300	3VA2025-5JP36-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2040-5JP36-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2063-5JP36-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2010-5JP36-0AA0
3VA21	25	10 ... 25	15 ... 250	38 ... 300	3VA2125-5JP36-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2140-5JP36-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2163-5JP36-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2110-5JP36-0AA0
3VA21	160	63 ... 160	96 ... 1600	240 ... 1600	3VA2116-5JP36-0AA0

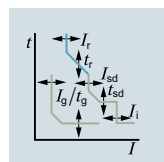


Connection with lug terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300	3VA2025-5JP32-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2040-5JP32-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2063-5JP32-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2010-5JP32-0AA0
3VA21	25	10 ... 25	15 ... 250	38 ... 300	3VA2125-5JP32-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2140-5JP32-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2163-5JP32-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2110-5JP32-0AA0
3VA21	160	63 ... 160	96 ... 1600	240 ... 1600	3VA2116-5JP32-0AA0
3VA22	160	63 ... 160	96 ... 1600	240 ... 1920	3VA2216-5JP32-0AA0
	250	100 ... 250	150 ... 2500	375 ... 2500	3VA2225-5JP32-0AA0
3VA23	250	100 ... 250	150 ... 2500	375 ... 3000	3VA2325-5JP32-0AA0
	400	160 ... 400	240 ... 4000	600 ... 4000	3VA2340-5JP32-0AA0
3VA24	400	160 ... 400	240 ... 4000	600 ... 6000 ¹⁾	3VA2440-5JP32-0AA0
	500	200 ... 500	300 ... 5000	750 ... 7000	3VA2450-5JP32-0AA0
	630	250 ... 630	378 ... 5670	945 ... 5670	3VA2463-5JP32-0AA0



I201_18481

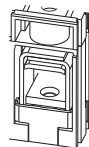


Line and generator protection, with display, ETU560 LSIG

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} , adjustable instantaneous short-circuit protection I_i and adjustable ground-fault protection I_g

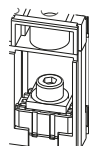
Connection with box terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300	3VA2025-5JQ36-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2040-5JQ36-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2063-5JQ36-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2010-5JQ36-0AA0
3VA21	25	10 ... 25	15 ... 250	38 ... 300	3VA2125-5JQ36-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2140-5JQ36-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2163-5JQ36-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2110-5JQ36-0AA0
3VA21	160	63 ... 160	96 ... 1600	240 ... 1600	3VA2116-5JQ36-0AA0



Connection with lug terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300	3VA2025-5JQ32-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2040-5JQ32-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2063-5JQ32-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2010-5JQ32-0AA0
3VA21	25	10 ... 25	15 ... 250	38 ... 300	3VA2125-5JQ32-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2140-5JQ32-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2163-5JQ32-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2110-5JQ32-0AA0
3VA21	160	63 ... 160	96 ... 1600	240 ... 1600	3VA2116-5JQ32-0AA0
3VA22	160	63 ... 160	96 ... 1600	240 ... 1920	3VA2216-5JQ32-0AA0
	250	100 ... 250	150 ... 2500	375 ... 2500	3VA2225-5JQ32-0AA0
3VA23	250	100 ... 250	150 ... 2500	375 ... 3000	3VA2325-5JQ32-0AA0
	400	160 ... 400	240 ... 4000	600 ... 4000	3VA2340-5JQ32-0AA0
3VA24	400	160 ... 400	240 ... 4000	600 ... 6000 ¹⁾	3VA2440-5JQ32-0AA0
	500	200 ... 500	300 ... 5000	750 ... 7000	3VA2450-5JQ32-0AA0
	630	250 ... 630	378 ... 5670	945 ... 5670	3VA2463-5JQ32-0AA0



¹⁾ At breaking capacity L 4400 A

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 85 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	(H)	DT	I_{cu} up to 110 kA at 415 V, very high breaking capacity C See "Overview", p. 1/6 and 1/7	(C)	DT	I_{cu} up to 150 kA at 415 V, extremely high breaking capacity L See "Overview", p. 1/6 and 1/7	(L)
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A									

Line and generator protection, with display, ETU550 LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} and adjustable instantaneous short-circuit protection I_i

Connection with box terminal

25	3VA2025-6JP36-0AA0	3VA2025-7JP36-0AA0	3VA2025-8JP36-0AA0
40	3VA2040-6JP36-0AA0	3VA2040-7JP36-0AA0	3VA2040-8JP36-0AA0
63	3VA2063-6JP36-0AA0	3VA2063-7JP36-0AA0	3VA2063-8JP36-0AA0
100	3VA2010-6JP36-0AA0	3VA2010-7JP36-0AA0	3VA2010-8JP36-0AA0
25	3VA2125-6JP36-0AA0	3VA2125-7JP36-0AA0	3VA2125-8JP36-0AA0
40	3VA2140-6JP36-0AA0	3VA2140-7JP36-0AA0	3VA2140-8JP36-0AA0
63	3VA2163-6JP36-0AA0	3VA2163-7JP36-0AA0	3VA2163-8JP36-0AA0
100	3VA2110-6JP36-0AA0	3VA2110-7JP36-0AA0	3VA2110-8JP36-0AA0
160	3VA2116-6JP36-0AA0	3VA2116-7JP36-0AA0	3VA2116-8JP36-0AA0

Connection with lug terminal

25	3VA2025-6JP32-0AA0	3VA2025-7JP32-0AA0	3VA2025-8JP32-0AA0
40	3VA2040-6JP32-0AA0	3VA2040-7JP32-0AA0	3VA2040-8JP32-0AA0
63	3VA2063-6JP32-0AA0	3VA2063-7JP32-0AA0	3VA2063-8JP32-0AA0
100	3VA2010-6JP32-0AA0	3VA2010-7JP32-0AA0	3VA2010-8JP32-0AA0
25	3VA2125-6JP32-0AA0	3VA2125-7JP32-0AA0	3VA2125-8JP32-0AA0
40	3VA2140-6JP32-0AA0	3VA2140-7JP32-0AA0	3VA2140-8JP32-0AA0
63	3VA2163-6JP32-0AA0	3VA2163-7JP32-0AA0	3VA2163-8JP32-0AA0
100	3VA2110-6JP32-0AA0	3VA2110-7JP32-0AA0	3VA2110-8JP32-0AA0
160	3VA2116-6JP32-0AA0	3VA2116-7JP32-0AA0	3VA2116-8JP32-0AA0
160	3VA2216-6JP32-0AA0	3VA2216-7JP32-0AA0	3VA2216-8JP32-0AA0
250	3VA2225-6JP32-0AA0	3VA2225-7JP32-0AA0	3VA2225-8JP32-0AA0
250	3VA2325-6JP32-0AA0	3VA2325-7JP32-0AA0	1) 3VA2325-8JP32-0AA0
400	3VA2340-6JP32-0AA0	3VA2340-7JP32-0AA0	1) 3VA2340-8JP32-0AA0
400	3VA2440-6JP32-0AA0	3VA2440-7JP32-0AA0	1) 3VA2440-8JP32-0AA0
500	3VA2450-6JP32-0AA0	3VA2450-7JP32-0AA0	1) ---
630	3VA2463-6JP32-0AA0	3VA2463-7JP32-0AA0	1) 3VA2463-8JP32-0AA0

Line and generator protection, with display, ETU560 LSIG

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} , adjustable instantaneous short-circuit protection I_i and adjustable ground-fault protection I_g

Connection with box terminal

25	3VA2025-6JQ36-0AA0	3VA2025-7JQ36-0AA0	3VA2025-8JQ36-0AA0
40	3VA2040-6JQ36-0AA0	3VA2040-7JQ36-0AA0	3VA2040-8JQ36-0AA0
63	3VA2063-6JQ36-0AA0	3VA2063-7JQ36-0AA0	3VA2063-8JQ36-0AA0
100	3VA2010-6JQ36-0AA0	3VA2010-7JQ36-0AA0	3VA2010-8JQ36-0AA0
25	3VA2125-6JQ36-0AA0	3VA2125-7JQ36-0AA0	3VA2125-8JQ36-0AA0
40	3VA2140-6JQ36-0AA0	3VA2140-7JQ36-0AA0	3VA2140-8JQ36-0AA0
63	3VA2163-6JQ36-0AA0	3VA2163-7JQ36-0AA0	3VA2163-8JQ36-0AA0
100	3VA2110-6JQ36-0AA0	3VA2110-7JQ36-0AA0	3VA2110-8JQ36-0AA0
160	3VA2116-6JQ36-0AA0	3VA2116-7JQ36-0AA0	3VA2116-8JQ36-0AA0

Connection with lug terminal

25	3VA2025-6JQ32-0AA0	3VA2025-7JQ32-0AA0	3VA2025-8JQ32-0AA0
40	3VA2040-6JQ32-0AA0	3VA2040-7JQ32-0AA0	3VA2040-8JQ32-0AA0
63	3VA2063-6JQ32-0AA0	3VA2063-7JQ32-0AA0	3VA2063-8JQ32-0AA0
100	3VA2010-6JQ32-0AA0	3VA2010-7JQ32-0AA0	3VA2010-8JQ32-0AA0
25	3VA2125-6JQ32-0AA0	3VA2125-7JQ32-0AA0	3VA2125-8JQ32-0AA0
40	3VA2140-6JQ32-0AA0	3VA2140-7JQ32-0AA0	3VA2140-8JQ32-0AA0
63	3VA2163-6JQ32-0AA0	3VA2163-7JQ32-0AA0	3VA2163-8JQ32-0AA0
100	3VA2110-6JQ32-0AA0	3VA2110-7JQ32-0AA0	3VA2110-8JQ32-0AA0
160	3VA2116-6JQ32-0AA0	3VA2116-7JQ32-0AA0	3VA2116-8JQ32-0AA0
160	3VA2216-6JQ32-0AA0	3VA2216-7JQ32-0AA0	3VA2216-8JQ32-0AA0
250	3VA2225-6JQ32-0AA0	3VA2225-7JQ32-0AA0	3VA2225-8JQ32-0AA0
250	3VA2325-6JQ32-0AA0	3VA2325-7JQ32-0AA0	1) 3VA2325-8JQ32-0AA0
400	3VA2340-6JQ32-0AA0	3VA2340-7JQ32-0AA0	1) 3VA2340-8JQ32-0AA0
400	3VA2440-6JQ32-0AA0	3VA2440-7JQ32-0AA0	1) 3VA2440-8JQ32-0AA0
500	3VA2450-6JQ32-0AA0	3VA2450-7JQ32-0AA0	1) ---
630	3VA2463-6JQ32-0AA0	3VA2463-7JQ32-0AA0	1) 3VA2463-8JQ32-0AA0

1) Start of delivery scheduled for 3rd quarter 2015

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Conne-
ction
tech-
nology

Type

Rated
current
 I_n Current setting
of the inverse-
time delayed
overload
protection "L"
 I_r S function
(short-time
delayed
short-circuit
protection
"S")
 I_{sd} Operating
current of the
instanta-
neous short-
circuit pro-
tection "I"
 I_i

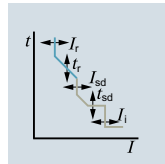
DT

 **I_{cu} up to 55 kA at 415 V,
medium breaking capacity M**
See "Overview", p. 1/6 and 1/7Article No.
[www.siemens.com/
product?Article No.](http://www.siemens.com/product?Article No.)Basic
price €
per PU

3-pole, fixed-mounted, 3VA20 to 3VA24, up to 630 A Electronic trip unit



I201_18482



Line and generator protection, with display, with metering function, ETU850 LSI

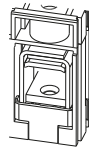
With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} and adjustable instantaneous short-circuit protection I_i

Connection with box terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300
	40	16 ... 40	24 ... 400	60 ... 480
	63	25 ... 63	38 ... 630	95 ... 756
	100	40 ... 100	60 ... 1000	150 ... 1200
3VA21	25	10 ... 25	15 ... 250	38 ... 300
	40	16 ... 40	24 ... 400	60 ... 480
	63	25 ... 63	38 ... 630	95 ... 756
	100	40 ... 100	60 ... 1000	150 ... 1200
3VA21	160	63 ... 160	96 ... 1600	240 ... 1600

3VA2025-5KP36-0AA0
3VA2040-5KP36-0AA0
3VA2063-5KP36-0AA0
3VA2010-5KP36-0AA0

3VA2125-5KP36-0AA0
3VA2140-5KP36-0AA0
3VA2163-5KP36-0AA0
3VA2110-5KP36-0AA0
3VA2116-5KP36-0AA0

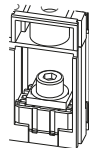


Connection with lug terminal

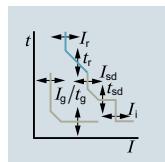
3VA20	25	10 ... 25	15 ... 250	38 ... 300
	40	16 ... 40	24 ... 400	60 ... 480
	63	25 ... 63	38 ... 630	95 ... 756
	100	40 ... 100	60 ... 1000	150 ... 1200
3VA21	25	10 ... 25	15 ... 250	38 ... 300
	40	16 ... 40	24 ... 400	60 ... 480
	63	25 ... 63	38 ... 630	95 ... 756
	100	40 ... 100	60 ... 1000	150 ... 1200
3VA21	160	63 ... 160	96 ... 1600	240 ... 1600
3VA22	160	63 ... 160	96 ... 1600	240 ... 1920
	250	100 ... 250	150 ... 2500	375 ... 2500
3VA23	250	100 ... 250	150 ... 2500	375 ... 3000
	400	160 ... 400	240 ... 4000	600 ... 4000
3VA24	400	160 ... 400	240 ... 4000	600 ... 6000 ¹⁾
	500	200 ... 500	300 ... 5000	750 ... 7000
	630	250 ... 630	378 ... 5670	945 ... 5670

3VA2025-5KP32-0AA0
3VA2040-5KP32-0AA0
3VA2063-5KP32-0AA0
3VA2010-5KP32-0AA0

3VA2125-5KP32-0AA0
3VA2140-5KP32-0AA0
3VA2163-5KP32-0AA0
3VA2110-5KP32-0AA0
3VA2116-5KP32-0AA0



I201_18483



Line and generator protection, with display, with metering function, ETU860 LSIg

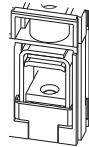
With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} , adjustable instantaneous short-circuit protection I_i and adjustable ground-fault protection I_g

Connection with box terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300
	40	16 ... 40	24 ... 400	60 ... 480
	63	25 ... 63	38 ... 630	95 ... 756
	100	40 ... 100	60 ... 1000	150 ... 1200
3VA21	25	10 ... 25	15 ... 250	38 ... 300
	40	16 ... 40	24 ... 400	60 ... 480
	63	25 ... 63	38 ... 630	95 ... 756
	100	40 ... 100	60 ... 1000	150 ... 1200
3VA21	160	63 ... 160	96 ... 1600	240 ... 1600

3VA2025-5KQ36-0AA0
3VA2040-5KQ36-0AA0
3VA2063-5KQ36-0AA0
3VA2010-5KQ36-0AA0

3VA2125-5KQ36-0AA0
3VA2140-5KQ36-0AA0
3VA2163-5KQ36-0AA0
3VA2110-5KQ36-0AA0
3VA2116-5KQ36-0AA0

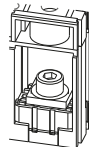


Connection with lug terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300
	40	16 ... 40	24 ... 400	60 ... 480
	63	25 ... 63	38 ... 630	95 ... 756
	100	40 ... 100	60 ... 1000	150 ... 1200
3VA21	25	10 ... 25	15 ... 250	38 ... 300
	40	16 ... 40	24 ... 400	60 ... 480
	63	25 ... 63	38 ... 630	95 ... 756
	100	40 ... 100	60 ... 1000	150 ... 1200
3VA21	160	63 ... 160	96 ... 1600	240 ... 1600
3VA22	160	63 ... 160	96 ... 1600	240 ... 1920
	250	100 ... 250	150 ... 2500	375 ... 2500
3VA23	250	100 ... 250	150 ... 2500	375 ... 3000
	400	160 ... 400	240 ... 4000	600 ... 4000
3VA24	400	160 ... 400	240 ... 4000	600 ... 6000 ¹⁾
	500	200 ... 500	300 ... 5000	750 ... 7000
	630	250 ... 630	378 ... 5670	945 ... 5670

3VA2025-5KQ32-0AA0
3VA2040-5KQ32-0AA0
3VA2063-5KQ32-0AA0
3VA2010-5KQ32-0AA0

3VA2125-5KQ32-0AA0
3VA2140-5KQ32-0AA0
3VA2163-5KQ32-0AA0
3VA2110-5KQ32-0AA0
3VA2116-5KQ32-0AA0



¹⁾ At breaking capacity L 4400 A

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 85 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	H	DT	I_{cu} up to 110 kA at 415 V, very high breaking capacity C See "Overview", p. 1/6 and 1/7	C	DT	I_{cu} up to 150 kA at 415 V, extremely high breaking capacity L See "Overview", p. 1/6 and 1/7	L
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A									

Line and generator protection, with display, with metering function, ETU850 LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} and adjustable instantaneous short-circuit protection I_i

Connection with box terminal

25	3VA2025-6KP36-0AA0	3VA2025-7KP36-0AA0	3VA2025-8KP36-0AA0
40	3VA2040-6KP36-0AA0	3VA2040-7KP36-0AA0	3VA2040-8KP36-0AA0
63	3VA2063-6KP36-0AA0	3VA2063-7KP36-0AA0	3VA2063-8KP36-0AA0
100	3VA2010-6KP36-0AA0	3VA2010-7KP36-0AA0	3VA2010-8KP36-0AA0
25	3VA2125-6KP36-0AA0	3VA2125-7KP36-0AA0	3VA2125-8KP36-0AA0
40	3VA2140-6KP36-0AA0	3VA2140-7KP36-0AA0	3VA2140-8KP36-0AA0
63	3VA2163-6KP36-0AA0	3VA2163-7KP36-0AA0	3VA2163-8KP36-0AA0
100	3VA2110-6KP36-0AA0	3VA2110-7KP36-0AA0	3VA2110-8KP36-0AA0
160	3VA2116-6KP36-0AA0	3VA2116-7KP36-0AA0	3VA2116-8KP36-0AA0

Connection with lug terminal

25	3VA2025-6KP32-0AA0	3VA2025-7KP32-0AA0	3VA2025-8KP32-0AA0
40	3VA2040-6KP32-0AA0	3VA2040-7KP32-0AA0	3VA2040-8KP32-0AA0
63	3VA2063-6KP32-0AA0	3VA2063-7KP32-0AA0	3VA2063-8KP32-0AA0
100	3VA2010-6KP32-0AA0	3VA2010-7KP32-0AA0	3VA2010-8KP32-0AA0
25	3VA2125-6KP32-0AA0	3VA2125-7KP32-0AA0	3VA2125-8KP32-0AA0
40	3VA2140-6KP32-0AA0	3VA2140-7KP32-0AA0	3VA2140-8KP32-0AA0
63	3VA2163-6KP32-0AA0	3VA2163-7KP32-0AA0	3VA2163-8KP32-0AA0
100	3VA2110-6KP32-0AA0	3VA2110-7KP32-0AA0	3VA2110-8KP32-0AA0
160	3VA2116-6KP32-0AA0	3VA2116-7KP32-0AA0	3VA2116-8KP32-0AA0
160	3VA2216-6KP32-0AA0	3VA2216-7KP32-0AA0	3VA2216-8KP32-0AA0
250	3VA2225-6KP32-0AA0	3VA2225-7KP32-0AA0	3VA2225-8KP32-0AA0
250	3VA2325-6KP32-0AA0	3VA2325-7KP32-0AA0	1) ¹⁾ 3VA2325-8KP32-0AA0
400	3VA2340-6KP32-0AA0	3VA2340-7KP32-0AA0	1) ¹⁾ 3VA2340-8KP32-0AA0
400	3VA2440-6KP32-0AA0	3VA2440-7KP32-0AA0	1) ¹⁾ 3VA2440-8KP32-0AA0
500	3VA2450-6KP32-0AA0	3VA2450-7KP32-0AA0	1) ¹⁾ --
630	3VA2463-6KP32-0AA0	3VA2463-7KP32-0AA0	1) ¹⁾ 3VA2463-8KP32-0AA0

Line and generator protection, with display, with metering function, ETU860 LSIg

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} , adjustable instantaneous short-circuit protection I_i and adjustable ground-fault protection I_g

Connection with box terminal

25	3VA2025-6KQ36-0AA0	3VA2025-7KQ36-0AA0	3VA2025-8KQ36-0AA0
40	3VA2040-6KQ36-0AA0	3VA2040-7KQ36-0AA0	3VA2040-8KQ36-0AA0
63	3VA2063-6KQ36-0AA0	3VA2063-7KQ36-0AA0	3VA2063-8KQ36-0AA0
100	3VA2010-6KQ36-0AA0	3VA2010-7KQ36-0AA0	3VA2010-8KQ36-0AA0
25	3VA2125-6KQ36-0AA0	3VA2125-7KQ36-0AA0	3VA2125-8KQ36-0AA0
40	3VA2140-6KQ36-0AA0	3VA2140-7KQ36-0AA0	3VA2140-8KQ36-0AA0
63	3VA2163-6KQ36-0AA0	3VA2163-7KQ36-0AA0	3VA2163-8KQ36-0AA0
100	3VA2110-6KQ36-0AA0	3VA2110-7KQ36-0AA0	3VA2110-8KQ36-0AA0
160	3VA2116-6KQ36-0AA0	3VA2116-7KQ36-0AA0	3VA2116-8KQ36-0AA0

Connection with lug terminal

25	3VA2025-6KQ32-0AA0	3VA2025-7KQ32-0AA0	3VA2025-8KQ32-0AA0
40	3VA2040-6KQ32-0AA0	3VA2040-7KQ32-0AA0	3VA2040-8KQ32-0AA0
63	3VA2063-6KQ32-0AA0	3VA2063-7KQ32-0AA0	3VA2063-8KQ32-0AA0
100	3VA2010-6KQ32-0AA0	3VA2010-7KQ32-0AA0	3VA2010-8KQ32-0AA0
25	3VA2125-6KQ32-0AA0	3VA2125-7KQ32-0AA0	3VA2125-8KQ32-0AA0
40	3VA2140-6KQ32-0AA0	3VA2140-7KQ32-0AA0	3VA2140-8KQ32-0AA0
63	3VA2163-6KQ32-0AA0	3VA2163-7KQ32-0AA0	3VA2163-8KQ32-0AA0
100	3VA2110-6KQ32-0AA0	3VA2110-7KQ32-0AA0	3VA2110-8KQ32-0AA0
160	3VA2116-6KQ32-0AA0	3VA2116-7KQ32-0AA0	3VA2116-8KQ32-0AA0
160	3VA2216-6KQ32-0AA0	3VA2216-7KQ32-0AA0	3VA2216-8KQ32-0AA0
250	3VA2225-6KQ32-0AA0	3VA2225-7KQ32-0AA0	3VA2225-8KQ32-0AA0
250	3VA2325-6KQ32-0AA0	3VA2325-7KQ32-0AA0	1) ¹⁾ 3VA2325-8KQ32-0AA0
400	3VA2340-6KQ32-0AA0	3VA2340-7KQ32-0AA0	1) ¹⁾ 3VA2340-8KQ32-0AA0
400	3VA2440-6KQ32-0AA0	3VA2440-7KQ32-0AA0	1) ¹⁾ 3VA2440-8KQ32-0AA0
500	3VA2450-6KQ32-0AA0	3VA2450-7KQ32-0AA0	1) ¹⁾ --
630	3VA2463-6KQ32-0AA0	3VA2463-7KQ32-0AA0	1) ¹⁾ 3VA2463-8KQ32-0AA0

¹⁾ Start of delivery scheduled for 3rd quarter 2015

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153



Conne- ction tech- nology	Type	Rated current I_n	Current set- ting of the in- verse- time delayed overload protection "L" I_r	S function (short-time delayed short-cir- cuit protec- tion "S") I_{sd}	Operating current of the instanta- neous short- circuit pro- tection "I" I_i	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M See "Overview", p. 1/6 and 1/7	Article No. www.siemens.com/ product?Article No.	Basic price € per PU
		A	A	A	A				

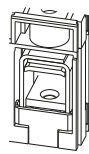
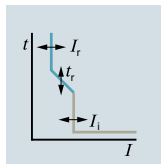
4-pole, fixed-mounted, 3VA20 to 3VA24, up to 630 A Electronic trip unit



I201_18830

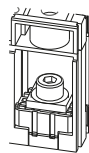
Line protection, ETU320 LI

With adjustable overload protection I_r and adjustable instantaneous short-circuit protection I_i , with neutral protection against overload and short circuit 0 %, 50 % or 100 %



Connection with box terminal

3VA20	25	10 ... 25	--	38 ... 300	3VA2025-5HL46-0AA0
	40	16 ... 40	--	60 ... 480	3VA2040-5HL46-0AA0
	63	25 ... 63	--	95 ... 756	3VA2063-5HL46-0AA0
	100	40 ... 100	--	150 ... 1200	3VA2010-5HL46-0AA0
3VA21	25	10 ... 25	--	38 ... 300	3VA2125-5HL46-0AA0
	40	16 ... 40	--	60 ... 480	3VA2140-5HL46-0AA0
	63	25 ... 63	--	95 ... 756	3VA2163-5HL46-0AA0
	100	40 ... 100	--	150 ... 1200	3VA2110-5HL46-0AA0
	160	63 ... 160	--	240 ... 1600	3VA2116-5HL46-0AA0



Connection with lug terminal

3VA20	25	10 ... 25	--	38 ... 300	3VA2025-5HL42-0AA0
	40	16 ... 40	--	60 ... 480	3VA2040-5HL42-0AA0
	63	25 ... 63	--	95 ... 756	3VA2063-5HL42-0AA0
	100	40 ... 100	--	150 ... 1200	3VA2010-5HL42-0AA0
3VA21	25	10 ... 25	--	38 ... 300	3VA2125-5HL42-0AA0
	40	16 ... 40	--	60 ... 480	3VA2140-5HL42-0AA0
	63	25 ... 63	--	95 ... 756	3VA2163-5HL42-0AA0
	100	40 ... 100	--	150 ... 1200	3VA2110-5HL42-0AA0
	160	63 ... 160	--	240 ... 1600	3VA2116-5HL42-0AA0
3VA22	160	63 ... 160	--	240 ... 1920	3VA2216-5HL42-0AA0
	250	100 ... 250	--	375 ... 2500	3VA2225-5HL42-0AA0
3VA23	250	100 ... 250	--	375 ... 3000	3VA2325-5HL42-0AA0
	400	160 ... 400	--	600 ... 4000	3VA2340-5HL42-0AA0
3VA24	400	160 ... 400	--	600 ... 4800 ¹⁾	3VA2440-5HL42-0AA0
	630	250 ... 630	--	945 ... 5670	3VA2463-5HL42-0AA0

¹⁾ At breaking capacity L 4400 A

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 85 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	H	DT	I_{cu} up to 110 kA at 415 V, very high breaking capacity C See "Overview", p. 1/6 and 1/7	C	DT	I_{cu} up to 150 kA at 415 V, extremely high breaking capacity L See "Overview", p. 1/6 and 1/7	L
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A									

Line protection, ETU320 LI

With adjustable overload protection I_r and adjustable instantaneous short-circuit protection I_i , with neutral protection against overload and short circuit 0 %, 50 % or 100 %

Connection with box terminal

25	3VA2025-6HL46-0AA0	3VA2025-7HL46-0AA0	3VA2025-8HL46-0AA0
40	3VA2040-6HL46-0AA0	3VA2040-7HL46-0AA0	3VA2040-8HL46-0AA0
63	3VA2063-6HL46-0AA0	3VA2063-7HL46-0AA0	3VA2063-8HL46-0AA0
100	3VA2010-6HL46-0AA0	3VA2010-7HL46-0AA0	3VA2010-8HL46-0AA0
25	3VA2125-6HL46-0AA0	3VA2125-7HL46-0AA0	3VA2125-8HL46-0AA0
40	3VA2140-6HL46-0AA0	3VA2140-7HL46-0AA0	3VA2140-8HL46-0AA0
63	3VA2163-6HL46-0AA0	3VA2163-7HL46-0AA0	3VA2163-8HL46-0AA0
100	3VA2110-6HL46-0AA0	3VA2110-7HL46-0AA0	3VA2110-8HL46-0AA0
160	3VA2116-6HL46-0AA0	3VA2116-7HL46-0AA0	3VA2116-8HL46-0AA0

Connection with lug terminal

25	3VA2025-6HL42-0AA0	3VA2025-7HL42-0AA0	3VA2025-8HL42-0AA0
40	3VA2040-6HL42-0AA0	3VA2040-7HL42-0AA0	3VA2040-8HL42-0AA0
63	3VA2063-6HL42-0AA0	3VA2063-7HL42-0AA0	3VA2063-8HL42-0AA0
100	3VA2010-6HL42-0AA0	3VA2010-7HL42-0AA0	3VA2010-8HL42-0AA0
25	3VA2125-6HL42-0AA0	3VA2125-7HL42-0AA0	3VA2125-8HL42-0AA0
40	3VA2140-6HL42-0AA0	3VA2140-7HL42-0AA0	3VA2140-8HL42-0AA0
63	3VA2163-6HL42-0AA0	3VA2163-7HL42-0AA0	3VA2163-8HL42-0AA0
100	3VA2110-6HL42-0AA0	3VA2110-7HL42-0AA0	3VA2110-8HL42-0AA0
160	3VA2116-6HL42-0AA0	3VA2116-7HL42-0AA0	3VA2116-8HL42-0AA0
160	3VA2216-6HL42-0AA0	3VA2216-7HL42-0AA0	3VA2216-8HL42-0AA0
250	3VA2225-6HL42-0AA0	3VA2225-7HL42-0AA0	3VA2225-8HL42-0AA0
250	3VA2325-6HL42-0AA0	3VA2325-7HL42-0AA0	¹⁾ 3VA2325-8HL42-0AA0
400	3VA2340-6HL42-0AA0	3VA2340-7HL42-0AA0	¹⁾ 3VA2340-8HL42-0AA0
400	3VA2440-6HL42-0AA0	3VA2440-7HL42-0AA0	¹⁾ 3VA2440-8HL42-0AA0
630	3VA2463-6HL42-0AA0	3VA2463-7HL42-0AA0	¹⁾ 3VA2463-8HL42-0AA0

¹⁾ Start of delivery scheduled for 3rd quarter 2015

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

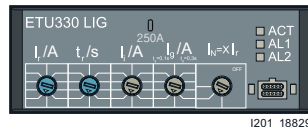
PS*/P. unit = 1 UNIT

PG = 153



Conne- ction tech- nology	Type	Rated current I_n	Current set- ting of the in- verse- time delayed overload protection "L" I_r	Operating current of the instanta- neous short- circuit protec- tion "I" I_i	Ground- fault pro- tection G I_g	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M See "Overview", p. 1/6 and 1/7	Basic price € per PU
		A	A	A	A		Article No. www.siemens.com/ product?Article No.	

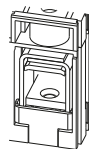
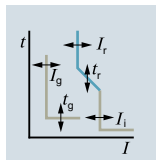
4-pole, fixed-mounted, 3VA20 to 3VA24, up to 630 A Electronic trip unit



I201_18829

Line protection, ETU330 LIG

With adjustable overload protection I_r and adjustable instantaneous short-circuit protection I_i , with neutral protection against overload and short circuit 0 %, 50 % or 100 % and adjustable ground-fault protection I_g

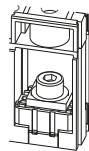


Connection with box terminal

3VA20	25	10 ... 25	38 ... 300	15 ... 25
	40	16 ... 40	60 ... 480	16 ... 40
	63	25 ... 63	95 ... 756	16 ... 63
	100	40 ... 100	150 ... 1200	20 ... 100
3VA21	25	10 ... 25	38 ... 300	15 ... 25
	40	16 ... 40	60 ... 480	16 ... 40
	63	25 ... 63	95 ... 756	16 ... 63
	100	40 ... 100	150 ... 1200	20 ... 100
	160	63 ... 160	240 ... 1600	32 ... 160

3VA2025-5HM46-0AA0
3VA2040-5HM46-0AA0
3VA2063-5HM46-0AA0
3VA2010-5HM46-0AA0

3VA2125-5HM46-0AA0
3VA2140-5HM46-0AA0
3VA2163-5HM46-0AA0
3VA2110-5HM46-0AA0
3VA2116-5HM46-0AA0



Connection with lug terminal

3VA20	25	10 ... 25	38 ... 300	15 ... 25
	40	16 ... 40	60 ... 480	16 ... 40
	63	25 ... 63	95 ... 756	16 ... 63
	100	40 ... 100	150 ... 1200	20 ... 100
3VA21	25	10 ... 25	38 ... 300	15 ... 25
	40	16 ... 40	60 ... 480	16 ... 40
	63	25 ... 63	95 ... 756	16 ... 63
	100	40 ... 100	150 ... 1200	20 ... 100
	160	63 ... 160	240 ... 1600	32 ... 160
3VA22	160	63 ... 160	240 ... 1920	32 ... 160
	250	100 ... 250	375 ... 2500	50 ... 250
3VA23	250	100 ... 250	375 ... 3000	50 ... 250
	400	160 ... 400	600 ... 4000	80 ... 400
3VA24	400	160 ... 400	600 ... 4800 ¹⁾	80 ... 400
	630	250 ... 630	945 ... 5670	126 ... 630

3VA2025-5HM42-0AA0
3VA2040-5HM42-0AA0
3VA2063-5HM42-0AA0
3VA2010-5HM42-0AA0

3VA2125-5HM42-0AA0
3VA2140-5HM42-0AA0
3VA2163-5HM42-0AA0
3VA2110-5HM42-0AA0
3VA2116-5HM42-0AA0

3VA2216-5HM42-0AA0
3VA2225-5HM42-0AA0

3VA2325-5HM42-0AA0
3VA2340-5HM42-0AA0

3VA2440-5HM42-0AA0
3VA2463-5HM42-0AA0

¹⁾ At breaking capacity L 4400 A

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 85 kA at 415 V, high breaking capacity H H See "Overview", p. 1/6 and 1/7	DT	I_{cu} up to 110 kA at 415 V, very high breaking capacity C C See "Overview", p. 1/6 and 1/7	DT	I_{cu} up to 150 kA at 415 V, extremely high breaking capacity L L See "Overview", p. 1/6 and 1/7
I_n		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.
A		Basic price € per PU		Basic price € per PU		Basic price € per PU

Line protection, ETU330 LIG

With adjustable overload protection I_r and adjustable instantaneous short-circuit protection I_i , with neutral protection against overload and short circuit 0 %, 50 % or 100 % and adjustable ground-fault protection I_g

Connection with box terminal

25	3VA2025-6HM46-0AA0	3VA2025-7HM46-0AA0	3VA2025-8HM46-0AA0
40	3VA2040-6HM46-0AA0	3VA2040-7HM46-0AA0	3VA2040-8HM46-0AA0
63	3VA2063-6HM46-0AA0	3VA2063-7HM46-0AA0	3VA2063-8HM46-0AA0
100	3VA2010-6HM46-0AA0	3VA2010-7HM46-0AA0	3VA2010-8HM46-0AA0
25	3VA2125-6HM46-0AA0	3VA2125-7HM46-0AA0	3VA2125-8HM46-0AA0
40	3VA2140-6HM46-0AA0	3VA2140-7HM46-0AA0	3VA2140-8HM46-0AA0
63	3VA2163-6HM46-0AA0	3VA2163-7HM46-0AA0	3VA2163-8HM46-0AA0
100	3VA2110-6HM46-0AA0	3VA2110-7HM46-0AA0	3VA2110-8HM46-0AA0
160	3VA2116-6HM46-0AA0	3VA2116-7HM46-0AA0	3VA2116-8HM46-0AA0

Connection with lug terminal

25	3VA2025-6HM42-0AA0	3VA2025-7HM42-0AA0	3VA2025-8HM42-0AA0
40	3VA2040-6HM42-0AA0	3VA2040-7HM42-0AA0	3VA2040-8HM42-0AA0
63	3VA2063-6HM42-0AA0	3VA2063-7HM42-0AA0	3VA2063-8HM42-0AA0
100	3VA2010-6HM42-0AA0	3VA2010-7HM42-0AA0	3VA2010-8HM42-0AA0
25	3VA2125-6HM42-0AA0	3VA2125-7HM42-0AA0	3VA2125-8HM42-0AA0
40	3VA2140-6HM42-0AA0	3VA2140-7HM42-0AA0	3VA2140-8HM42-0AA0
63	3VA2163-6HM42-0AA0	3VA2163-7HM42-0AA0	3VA2163-8HM42-0AA0
100	3VA2110-6HM42-0AA0	3VA2110-7HM42-0AA0	3VA2110-8HM42-0AA0
160	3VA2116-6HM42-0AA0	3VA2116-7HM42-0AA0	3VA2116-8HM42-0AA0
160	3VA2216-6HM42-0AA0	3VA2216-7HM42-0AA0	3VA2216-8HM42-0AA0
250	3VA2225-6HM42-0AA0	3VA2225-7HM42-0AA0	3VA2225-8HM42-0AA0
250	3VA2325-6HM42-0AA0	3VA2325-7HM42-0AA0	1) 3VA2325-8HM42-0AA0
400	3VA2340-6HM42-0AA0	3VA2340-7HM42-0AA0	1) 3VA2340-8HM42-0AA0
400	3VA2440-6HM42-0AA0	3VA2440-7HM42-0AA0	1) 3VA2440-8HM42-0AA0
630	3VA2463-6HM42-0AA0	3VA2463-7HM42-0AA0	1) 3VA2463-8HM42-0AA0

1) Start of delivery scheduled for 3rd quarter 2015

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Conne-
ction tech-
nology

Type

Rated
current I_n

A

Current set-
ting of the in-
verse-
time delayed
overload
protection "L" I_r

A

S function
(short-time
delayed
short-circuit
protection "S") I_{sd}

A

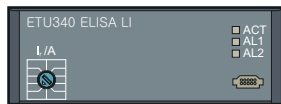
Operating
current of
the instan-
taneous short-
circuit pro-
tection "I" I_i

A

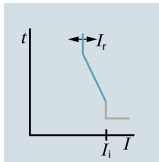
DT

 **I_{cu} up to 55 kA at 415 V,
medium breaking capacity M**
See "Overview", p. 1/6 and 1/7Article No.
[www.siemens.com/
product?Article No.](http://www.siemens.com/product?ArticleNo.)Basic
price €
per PU

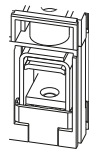
4-pole, fixed-mounted, 3VA21 to 3VA24, up to 630 A Electronic trip unit



I201_18427



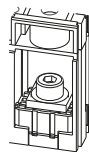
Line protection, ETU340 ELISA

With easily adjustable characteristic (characteristic curve of a fuse)
with "N" overload and short-circuit release 0 % or 100 %

Connection with box terminal

3VA21	25	10 ... 25	--	375
	40	16 ... 40	--	600
	63	25 ... 63	--	945
	100	40 ... 100	--	1500

3VA2125-5HK46-0AA0
3VA2140-5HK46-0AA0
3VA2163-5HK46-0AA0
3VA2110-5HK46-0AA0



Connection with lug terminal

3VA21	25	10 ... 25	--	375
	40	16 ... 40	--	600
	63	25 ... 63	--	945
	100	40 ... 100	--	1500
3VA22	160	63 ... 160	--	2400
3VA23	250	100 ... 250	--	3750
3VA24	400	160 ... 400	--	6000 ¹⁾
	500	200 ... 500	--	7000
	630	250 ... 630	--	5670

3VA2125-5HK42-0AA0
3VA2140-5HK42-0AA0
3VA2163-5HK42-0AA0
3VA2110-5HK42-0AA0

3VA2216-5HK42-0AA0

3VA2325-5HK42-0AA0

3VA2440-5HK42-0AA0

3VA2450-5HK42-0AA0

3VA2463-5HK42-0AA0

¹⁾ At breaking capacity L 4400 A

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 85 kA at 415 V, high breaking capacity H H	DT	I_{cu} up to 110 kA at 415 V, very high breaking capacity C C	DT	I_{cu} up to 150 kA at 415 V, extremely high breaking capacity L L
I_n		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.
A		Basic price € per PU		Basic price € per PU		Basic price € per PU

Line protection, ETU340 ELISA

With easily adjustable characteristic (characteristic curve of a fuse)
with "N" overload and short-circuit release 0 % or 100 %

Connection with box terminal			
25	3VA2125-6HK46-0AA0	3VA2125-7HK46-0AA0	3VA2125-8HK46-0AA0
40	3VA2140-6HK46-0AA0	3VA2140-7HK46-0AA0	3VA2140-8HK46-0AA0
63	3VA2163-6HK46-0AA0	3VA2163-7HK46-0AA0	3VA2163-8HK46-0AA0
100	3VA2110-6HK46-0AA0	3VA2110-7HK46-0AA0	3VA2110-8HK46-0AA0
Connection with lug terminal			
25	3VA2125-6HK42-0AA0	3VA2125-7HK42-0AA0	3VA2125-8HK42-0AA0
40	3VA2140-6HK42-0AA0	3VA2140-7HK42-0AA0	3VA2140-8HK42-0AA0
63	3VA2163-6HK42-0AA0	3VA2163-7HK42-0AA0	3VA2163-8HK42-0AA0
100	3VA2110-6HK42-0AA0	3VA2110-7HK42-0AA0	3VA2110-8HK42-0AA0
160	3VA2216-6HK42-0AA0	3VA2216-7HK42-0AA0	3VA2216-8HK42-0AA0
250	3VA2325-6HK42-0AA0	3VA2325-7HK42-0AA0	3VA2325-8HK42-0AA0
400	3VA2440-6HK42-0AA0	3VA2440-7HK42-0AA0	3VA2440-8HK42-0AA0
500	3VA2450-6HK42-0AA0	3VA2450-7HK42-0AA0	3VA2450-8HK42-0AA0
630	3VA2463-6HK42-0AA0	3VA2463-7HK42-0AA0	3VA2463-8HK42-0AA0

¹⁾ Start of delivery scheduled for 3rd quarter 2015

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Conne-
ction
tech-
nology

Type

Rated
current
 I_n

A

Current setting
of the inver-
se-time delayed
overload
protection "L"
 I_r

A

S function
(short-time
delayed
short-circuit
protection
"S")
 I_{sd}

A

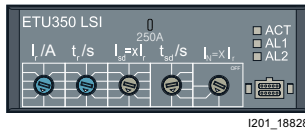
Operating
current of
the instan-
taneous
short-cir-
cuit pro-
tection "I"
 I_i

A

DT

 **I_{cu} up to 55 kA at 415 V,
medium breaking capacity M**
See "Overview", p. 1/6 and 1/7Article No.
[www.siemens.com/
product?Article No.](http://www.siemens.com/product?ArticleNo.)Basic
price €
per PU

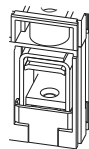
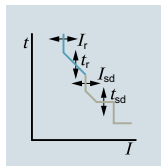
4-pole, fixed-mounted, 3VA20 to 3VA24, up to 630 A Electronic trip unit



I201_18828

Line and generator protection, ETU350 LSI

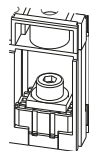
With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd}
and fixed instantaneous short-circuit protection I_i ,
with neutral protection against overload and short circuit 0 %, 50 % or 100 %

 $I_r \times \dots$ 

Connection with box terminal

3VA20	25	10 ... 25	1.5 ... 10	300
	40	16 ... 40	1.5 ... 10	480
	63	25 ... 63	1.5 ... 10	756
	100	40 ... 100	1.5 ... 10	1200
3VA21	25	10 ... 25	1.5 ... 10	300
	40	16 ... 40	1.5 ... 10	480
	63	25 ... 63	1.5 ... 10	756
	100	40 ... 100	1.5 ... 10	1200
	160	63 ... 160	1.5 ... 10	1600

3VA2025-5HN46-0AA0
3VA2040-5HN46-0AA0
3VA2063-5HN46-0AA0
3VA2010-5HN46-0AA0



Connection with lug terminal

3VA20	25	10 ... 25	1.5 ... 10	300
	40	16 ... 40	1.5 ... 10	480
	63	25 ... 63	1.5 ... 10	756
	100	40 ... 100	1.5 ... 10	1200
3VA21	25	10 ... 25	1.5 ... 10	300
	40	16 ... 40	1.5 ... 10	480
	63	25 ... 63	1.5 ... 10	756
	100	40 ... 100	1.5 ... 10	1200
	160	63 ... 160	1.5 ... 10	1600
3VA22	160	63 ... 160	1.5 ... 10	1920
	250	100 ... 250	1.5 ... 10	2500
3VA23	250	100 ... 250	1.5 ... 10	3000
	400	160 ... 400	1.5 ... 10	4000
3VA24	400	160 ... 400	1.5 ... 10	4800 ¹⁾
	630	250 ... 630	1.5 ... 9	5670

3VA2025-5HN42-0AA0
3VA2040-5HN42-0AA0
3VA2063-5HN42-0AA0
3VA2010-5HN42-0AA0

3VA2125-5HN42-0AA0
3VA2140-5HN42-0AA0
3VA2163-5HN42-0AA0
3VA2110-5HN42-0AA0
3VA2116-5HN42-0AA0

3VA2216-5HN42-0AA0
3VA2225-5HN42-0AA0

3VA2325-5HN42-0AA0
3VA2340-5HN42-0AA0

3VA2440-5HN42-0AA0
3VA2463-5HN42-0AA0

¹⁾ At breaking capacity L 4400 A

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 85 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	H	DT	I_{cu} up to 110 kA at 415 V, very high breaking capacity C See "Overview", p. 1/6 and 1/7	C	DT	I_{cu} up to 150 kA at 415 V, extremely high breaking capacity L See "Overview", p. 1/6 and 1/7	L
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A									

Line and generator protection, ETU350 LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} and fixed instantaneous short-circuit protection I_i ,
with neutral protection against overload and short circuit 0 %, 50 % or 100 %

Connection with box terminal

25	3VA2025-6HN46-0AA0	3VA2025-7HN46-0AA0	3VA2025-8HN46-0AA0
40	3VA2040-6HN46-0AA0	3VA2040-7HN46-0AA0	3VA2040-8HN46-0AA0
63	3VA2063-6HN46-0AA0	3VA2063-7HN46-0AA0	3VA2063-8HN46-0AA0
100	3VA2010-6HN46-0AA0	3VA2010-7HN46-0AA0	3VA2010-8HN46-0AA0
25	3VA2125-6HN46-0AA0	3VA2125-7HN46-0AA0	3VA2125-8HN46-0AA0
40	3VA2140-6HN46-0AA0	3VA2140-7HN46-0AA0	3VA2140-8HN46-0AA0
63	3VA2163-6HN46-0AA0	3VA2163-7HN46-0AA0	3VA2163-8HN46-0AA0
100	3VA2110-6HN46-0AA0	3VA2110-7HN46-0AA0	3VA2110-8HN46-0AA0
160	3VA2116-6HN46-0AA0	3VA2116-7HN46-0AA0	3VA2116-8HN46-0AA0

Connection with lug terminal

25	3VA2025-6HN42-0AA0	3VA2025-7HN42-0AA0	3VA2025-8HN42-0AA0
40	3VA2040-6HN42-0AA0	3VA2040-7HN42-0AA0	3VA2040-8HN42-0AA0
63	3VA2063-6HN42-0AA0	3VA2063-7HN42-0AA0	3VA2063-8HN42-0AA0
100	3VA2010-6HN42-0AA0	3VA2010-7HN42-0AA0	3VA2010-8HN42-0AA0
25	3VA2125-6HN42-0AA0	3VA2125-7HN42-0AA0	3VA2125-8HN42-0AA0
40	3VA2140-6HN42-0AA0	3VA2140-7HN42-0AA0	3VA2140-8HN42-0AA0
63	3VA2163-6HN42-0AA0	3VA2163-7HN42-0AA0	3VA2163-8HN42-0AA0
100	3VA2110-6HN42-0AA0	3VA2110-7HN42-0AA0	3VA2110-8HN42-0AA0
160	3VA2116-6HN42-0AA0	3VA2116-7HN42-0AA0	3VA2116-8HN42-0AA0
160	3VA2216-6HN42-0AA0	3VA2216-7HN42-0AA0	3VA2216-8HN42-0AA0
250	3VA2225-6HN42-0AA0	3VA2225-7HN42-0AA0	3VA2225-8HN42-0AA0
250	3VA2325-6HN42-0AA0	3VA2325-7HN42-0AA0	1) ¹⁾ 3VA2325-8HN42-0AA0
400	3VA2340-6HN42-0AA0	3VA2340-7HN42-0AA0	1) ¹⁾ 3VA2340-8HN42-0AA0
400	3VA2440-6HN42-0AA0	3VA2440-7HN42-0AA0	1) ¹⁾ 3VA2440-8HN42-0AA0
630	3VA2463-6HN42-0AA0	3VA2463-7HN42-0AA0	1) ¹⁾ 3VA2463-8HN42-0AA0

¹⁾ Start of delivery scheduled for 3rd quarter 2015

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Conne-
ction
tech-
nology

Type

Rated
current
 I_n

A

Current set-
ting of the in-
verse-
time delayed
overload
protection "L"
 I_r

A

S function
(short-time
delayed
short-circuit
protection "S")
 I_{sd}

A

Operating
current of the
instanta-
neous short-
circuit protec-
tion "I"
 I_i

A

DT

 I_{cu} up to 55 kA at 415 V,
medium breaking capacity M
See "Overview", p. 1/6 and 1/7

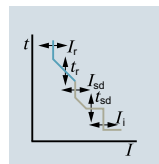
(M)

Article No.
[www.siemens.com/
product?Article No.](http://www.siemens.com/product?Article No.)Basic
price €
per PU

4-pole, fixed-mounted, 3VA20 to 3VA24, up to 630 A
Electronic trip unit



I201_18480

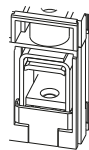


Line and generator protection, with display, ETU550 LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd}
and adjustable instantaneous short-circuit protection I_i ,
with neutral protection against overload and short circuit from 20 %/40 % to 100 %/160 %

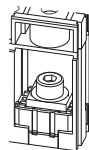
Connection with box terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300	3VA2025-5JP46-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2040-5JP46-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2063-5JP46-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2010-5JP46-0AA0
3VA21	25	10 ... 25	15 ... 250	38 ... 300	3VA2125-5JP46-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2140-5JP46-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2163-5JP46-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2110-5JP46-0AA0
	160	63 ... 160	96 ... 1600	240 ... 1600	3VA2116-5JP46-0AA0

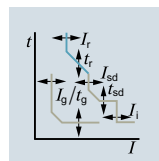


Connection with lug terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300	3VA2025-5JP42-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2040-5JP42-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2063-5JP42-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2010-5JP42-0AA0
3VA21	25	10 ... 25	15 ... 250	38 ... 300	3VA2125-5JP42-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2140-5JP42-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2163-5JP42-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2110-5JP42-0AA0
	160	63 ... 160	96 ... 1600	240 ... 1600	3VA2116-5JP42-0AA0
3VA22	160	63 ... 160	96 ... 1600	240 ... 1920	3VA2216-5JP42-0AA0
	250	100 ... 250	150 ... 2500	375 ... 2500	3VA2225-5JP42-0AA0
3VA23	250	100 ... 250	150 ... 2500	375 ... 3000	3VA2325-5JP42-0AA0
	400	160 ... 400	240 ... 4000	600 ... 4000	3VA2340-5JP42-0AA0
3VA24	400	160 ... 400	240 ... 4000	600 ... 6000 ¹⁾	3VA2440-5JP42-0AA0
	500	200 ... 500	300 ... 5000	750 ... 7000	3VA2450-5JP42-0AA0
	630	250 ... 630	378 ... 5670	945 ... 5670	3VA2463-5JP42-0AA0



I201_18481

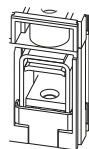


Line and generator protection, with display, ETU560 LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd}
and adjustable instantaneous short-circuit protection I_i ,
with neutral protection against overload and short circuit from 20 %/40 % to 100 %/160 %
and adjustable ground-fault protection I_g

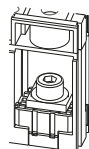
Connection with box terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300	3VA2025-5JQ46-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2040-5JQ46-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2063-5JQ46-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2010-5JQ46-0AA0
3VA21	25	10 ... 25	15 ... 250	38 ... 300	3VA2125-5JQ46-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2140-5JQ46-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2163-5JQ46-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2110-5JQ46-0AA0
	160	63 ... 160	96 ... 1600	240 ... 1600	3VA2116-5JQ46-0AA0



Connection with lug terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300	3VA2025-5JQ42-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2040-5JQ42-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2063-5JQ42-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2010-5JQ42-0AA0
3VA21	25	10 ... 25	15 ... 250	38 ... 300	3VA2125-5JQ42-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2140-5JQ42-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2163-5JQ42-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2110-5JQ42-0AA0
	160	63 ... 160	96 ... 1600	240 ... 1600	3VA2116-5JQ42-0AA0
3VA22	160	63 ... 160	96 ... 1600	240 ... 1920	3VA2216-5JQ42-0AA0
	250	100 ... 250	150 ... 2500	375 ... 2500	3VA2225-5JQ42-0AA0
3VA23	250	100 ... 250	150 ... 2500	375 ... 3000	3VA2325-5JQ42-0AA0
	400	160 ... 400	240 ... 4000	600 ... 4000	3VA2340-5JQ42-0AA0
3VA24	400	160 ... 400	240 ... 4000	600 ... 6000 ¹⁾	3VA2440-5JQ42-0AA0
	500	200 ... 500	300 ... 5000	750 ... 7000	3VA2450-5JQ42-0AA0
	630	250 ... 630	378 ... 5670	945 ... 5670	3VA2463-5JQ42-0AA0



¹⁾ At breaking capacity L 4400 A

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 85 kA at 415 V, high breaking capacity H See "Overview", p. 1/6 and 1/7	(H)	DT	I_{cu} up to 110 kA at 415 V, very high breaking capacity C See "Overview", p. 1/6 and 1/7	(C)	DT	I_{cu} up to 150 kA at 415 V, extremely high breaking capacity L See "Overview", p. 1/6 and 1/7	(L)
I_n		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU		Article No. www.siemens.com/ product?Article No.	Basic price € per PU
A									

Line and generator protection, with display, ETU550 LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} and adjustable instantaneous short-circuit protection I_i , with neutral protection against overload and short circuit from 20 %/40 % to 100 %/160 %

Connection with box terminal

25	3VA2025-6JP46-0AA0	3VA2025-7JP46-0AA0	3VA2025-8JP46-0AA0
40	3VA2040-6JP46-0AA0	3VA2040-7JP46-0AA0	3VA2040-8JP46-0AA0
63	3VA2063-6JP46-0AA0	3VA2063-7JP46-0AA0	3VA2063-8JP46-0AA0
100	3VA2010-6JP46-0AA0	3VA2010-7JP46-0AA0	3VA2010-8JP46-0AA0
25	3VA2125-6JP46-0AA0	3VA2125-7JP46-0AA0	3VA2125-8JP46-0AA0
40	3VA2140-6JP46-0AA0	3VA2140-7JP46-0AA0	3VA2140-8JP46-0AA0
63	3VA2163-6JP46-0AA0	3VA2163-7JP46-0AA0	3VA2163-8JP46-0AA0
100	3VA2110-6JP46-0AA0	3VA2110-7JP46-0AA0	3VA2110-8JP46-0AA0
160	3VA2116-6JP46-0AA0	3VA2116-7JP46-0AA0	3VA2116-8JP46-0AA0

Connection with lug terminal

25	3VA2025-6JP42-0AA0	3VA2025-7JP42-0AA0	3VA2025-8JP42-0AA0
40	3VA2040-6JP42-0AA0	3VA2040-7JP42-0AA0	3VA2040-8JP42-0AA0
63	3VA2063-6JP42-0AA0	3VA2063-7JP42-0AA0	3VA2063-8JP42-0AA0
100	3VA2010-6JP42-0AA0	3VA2010-7JP42-0AA0	3VA2010-8JP42-0AA0
25	3VA2125-6JP42-0AA0	3VA2125-7JP42-0AA0	3VA2125-8JP42-0AA0
40	3VA2140-6JP42-0AA0	3VA2140-7JP42-0AA0	3VA2140-8JP42-0AA0
63	3VA2163-6JP42-0AA0	3VA2163-7JP42-0AA0	3VA2163-8JP42-0AA0
100	3VA2110-6JP42-0AA0	3VA2110-7JP42-0AA0	3VA2110-8JP42-0AA0
160	3VA2116-6JP42-0AA0	3VA2116-7JP42-0AA0	3VA2116-8JP42-0AA0
160	3VA2216-6JP42-0AA0	3VA2216-7JP42-0AA0	3VA2216-8JP42-0AA0
250	3VA2225-6JP42-0AA0	3VA2225-7JP42-0AA0	3VA2225-8JP42-0AA0
250	3VA2325-6JP42-0AA0	3VA2325-7JP42-0AA0	1) ¹⁾ 3VA2325-8JP42-0AA0
400	3VA2340-6JP42-0AA0	3VA2340-7JP42-0AA0	1) ¹⁾ 3VA2340-8JP42-0AA0
400	3VA2440-6JP42-0AA0	3VA2440-7JP42-0AA0	1) ¹⁾ 3VA2440-8JP42-0AA0
500	3VA2450-6JP42-0AA0	3VA2450-7JP42-0AA0	1) ¹⁾ --
630	3VA2463-6JP42-0AA0	3VA2463-7JP42-0AA0	1) ¹⁾ 3VA2463-8JP42-0AA0

Line and generator protection, with display, ETU560 LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} and adjustable instantaneous short-circuit protection I_i , with neutral protection against overload and short circuit from 20 %/40 % to 100 %/160 % and adjustable ground-fault protection I_g

Connection with box terminal

25	3VA2025-6JQ46-0AA0	3VA2025-7JQ46-0AA0	3VA2025-8JQ46-0AA0
40	3VA2040-6JQ46-0AA0	3VA2040-7JQ46-0AA0	3VA2040-8JQ46-0AA0
63	3VA2063-6JQ46-0AA0	3VA2063-7JQ46-0AA0	3VA2063-8JQ46-0AA0
100	3VA2010-6JQ46-0AA0	3VA2010-7JQ46-0AA0	3VA2010-8JQ46-0AA0
25	3VA2125-6JQ46-0AA0	3VA2125-7JQ46-0AA0	3VA2125-8JQ46-0AA0
40	3VA2140-6JQ46-0AA0	3VA2140-7JQ46-0AA0	3VA2140-8JQ46-0AA0
63	3VA2163-6JQ46-0AA0	3VA2163-7JQ46-0AA0	3VA2163-8JQ46-0AA0
100	3VA2110-6JQ46-0AA0	3VA2110-7JQ46-0AA0	3VA2110-8JQ46-0AA0
160	3VA2116-6JQ46-0AA0	3VA2116-7JQ46-0AA0	3VA2116-8JQ46-0AA0

Connection with lug terminal

25	3VA2025-6JQ42-0AA0	3VA2025-7JQ42-0AA0	3VA2025-8JQ42-0AA0
40	3VA2040-6JQ42-0AA0	3VA2040-7JQ42-0AA0	3VA2040-8JQ42-0AA0
63	3VA2063-6JQ42-0AA0	3VA2063-7JQ42-0AA0	3VA2063-8JQ42-0AA0
100	3VA2010-6JQ42-0AA0	3VA2010-7JQ42-0AA0	3VA2010-8JQ42-0AA0
25	3VA2125-6JQ42-0AA0	3VA2125-7JQ42-0AA0	3VA2125-8JQ42-0AA0
40	3VA2140-6JQ42-0AA0	3VA2140-7JQ42-0AA0	3VA2140-8JQ42-0AA0
63	3VA2163-6JQ42-0AA0	3VA2163-7JQ42-0AA0	3VA2163-8JQ42-0AA0
100	3VA2110-6JQ42-0AA0	3VA2110-7JQ42-0AA0	3VA2110-8JQ42-0AA0
160	3VA2116-6JQ42-0AA0	3VA2116-7JQ42-0AA0	3VA2116-8JQ42-0AA0
160	3VA2216-6JQ42-0AA0	3VA2216-7JQ42-0AA0	3VA2216-8JQ42-0AA0
250	3VA2225-6JQ42-0AA0	3VA2225-7JQ42-0AA0	3VA2225-8JQ42-0AA0
250	3VA2325-6JQ42-0AA0	3VA2325-7JQ42-0AA0	1) ¹⁾ 3VA2325-8JQ42-0AA0
400	3VA2340-6JQ42-0AA0	3VA2340-7JQ42-0AA0	1) ¹⁾ 3VA2340-8JQ42-0AA0
400	3VA2440-6JQ42-0AA0	3VA2440-7JQ42-0AA0	1) ¹⁾ 3VA2440-8JQ42-0AA0
500	3VA2450-6JQ42-0AA0	3VA2450-7JQ42-0AA0	1) ¹⁾ --
630	3VA2463-6JQ42-0AA0	3VA2463-7JQ42-0AA0	1) ¹⁾ 3VA2463-8JQ42-0AA0

¹⁾ Start of delivery scheduled for 3rd quarter 2015

* You can order this quantity or a multiple thereof.

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Conne-
ction
tech-
nology

Type

Rated
current
 I_n

A

Current setting
of the inverse-
time delayed
overload
protection "L"
 I_r

A

S function
(short-time
delayed
short-circuit
protection
"S")
 I_{sd}

A

Operating
current of the
instanta-
neous short-
circuit pro-
tection "I"
 I_i

A

DT

 I_{cu} up to 55 kA at 415 V,
medium breaking capacity M
See "Overview", p. 1/6 and 1/7

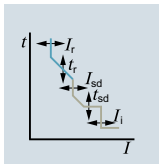
(M)

Article No.
[www.siemens.com/
product?Article No.](http://www.siemens.com/product?Article No.)Basic
price €
per PU

4-pole, fixed-mounted, 3VA20 to 3VA24, up to 630 A Electronic trip unit



I201_18482



Line and generator protection, with display, with metering function, ETU850 LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd}
and adjustable instantaneous short-circuit protection I_i ,
with neutral protection against overload and short circuit from 20 %/40 % to 100 %/160 %

Connection with box terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300	3VA2025-5KP46-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2040-5KP46-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2063-5KP46-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2010-5KP46-0AA0
3VA21	25	10 ... 25	15 ... 250	38 ... 300	3VA2125-5KP46-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2140-5KP46-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2163-5KP46-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2110-5KP46-0AA0
	160	63 ... 160	96 ... 1600	240 ... 1600	3VA2116-5KP46-0AA0

Connection with lug terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300	3VA2025-5KP42-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2040-5KP42-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2063-5KP42-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2010-5KP42-0AA0
3VA21	25	10 ... 25	15 ... 250	38 ... 300	3VA2125-5KP42-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2140-5KP42-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2163-5KP42-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2110-5KP42-0AA0
	160	63 ... 160	96 ... 1600	240 ... 1600	3VA2116-5KP42-0AA0
3VA22	160	63 ... 160	96 ... 1600	240 ... 1920	3VA2216-5KP42-0AA0
	250	100 ... 250	150 ... 2500	375 ... 2500	3VA2225-5KP42-0AA0
3VA23	250	100 ... 250	150 ... 2500	375 ... 3000	3VA2325-5KP42-0AA0
	400	160 ... 400	240 ... 4000	600 ... 4000	3VA2340-5KP42-0AA0
3VA24	400	160 ... 400	240 ... 4000	600 ... 6000 ¹⁾	3VA2440-5KP42-0AA0
	500	200 ... 500	300 ... 5000	750 ... 7000	3VA2450-5KP42-0AA0
	630	250 ... 630	378 ... 5670	945 ... 5670	3VA2463-5KP42-0AA0

Line and generator protection, with display, with metering function, ETU860 LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd}
and adjustable instantaneous short-circuit protection I_i ,
with neutral protection against overload and short circuit from 20 %/40 % to 100 %/160 %
and adjustable ground-fault protection I_g

Connection with box terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300	3VA2025-5KQ46-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2040-5KQ46-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2063-5KQ46-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2010-5KQ46-0AA0
3VA21	25	10 ... 25	15 ... 250	38 ... 300	3VA2125-5KQ46-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2140-5KQ46-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2163-5KQ46-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2110-5KQ46-0AA0
	160	63 ... 160	96 ... 1600	240 ... 1600	3VA2116-5KQ46-0AA0

Connection with lug terminal

3VA20	25	10 ... 25	15 ... 250	38 ... 300	3VA2025-5KQ42-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2040-5KQ42-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2063-5KQ42-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2010-5KQ42-0AA0
3VA21	25	10 ... 25	15 ... 250	38 ... 300	3VA2125-5KQ42-0AA0
	40	16 ... 40	24 ... 400	60 ... 480	3VA2140-5KQ42-0AA0
	63	25 ... 63	38 ... 630	95 ... 756	3VA2163-5KQ42-0AA0
	100	40 ... 100	60 ... 1000	150 ... 1200	3VA2110-5KQ42-0AA0
	160	63 ... 160	96 ... 1600	240 ... 1600	3VA2116-5KQ42-0AA0
3VA22	160	63 ... 160	96 ... 1600	240 ... 1920	3VA2216-5KQ42-0AA0
	250	100 ... 250	150 ... 2500	375 ... 2500	3VA2225-5KQ42-0AA0
3VA23	250	100 ... 250	150 ... 2500	375 ... 3000	3VA2325-5KQ42-0AA0
	400	160 ... 400	240 ... 4000	600 ... 4000	3VA2340-5KQ42-0AA0
3VA24	400	160 ... 400	240 ... 4000	600 ... 6000 ¹⁾	3VA2440-5KQ42-0AA0
	500	200 ... 500	300 ... 5000	750 ... 7000	3VA2450-5KQ42-0AA0
	630	250 ... 630	378 ... 5670	945 ... 5670	3VA2463-5KQ42-0AA0

¹⁾ At breaking capacity L 4400 A

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 85 kA at 415 V, high breaking capacity H H See "Overview", p. 1/6 and 1/7	DT	I_{cu} up to 110 kA at 415 V, very high breaking capacity C C See "Overview", p. 1/6 and 1/7	DT	I_{cu} up to 150 kA at 415 V, extremely high breaking capacity L L See "Overview", p. 1/6 and 1/7
I_n		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.
A		Basic price € per PU		Basic price € per PU		Basic price € per PU

Line and generator protection, with display, with metering function, ETU850 LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd}
and adjustable instantaneous short-circuit protection I_i ,
with neutral protection against overload and short circuit from 20 %/40 % to 100 %/160 %

Connection with box terminal

25	3VA2025-6KP46-0AA0	3VA2025-7KP46-0AA0	3VA2025-8KP46-0AA0
40	3VA2040-6KP46-0AA0	3VA2040-7KP46-0AA0	3VA2040-8KP46-0AA0
63	3VA2063-6KP46-0AA0	3VA2063-7KP46-0AA0	3VA2063-8KP46-0AA0
100	3VA2010-6KP46-0AA0	3VA2010-7KP46-0AA0	3VA2010-8KP46-0AA0
25	3VA2125-6KP46-0AA0	3VA2125-7KP46-0AA0	3VA2125-8KP46-0AA0
40	3VA2140-6KP46-0AA0	3VA2140-7KP46-0AA0	3VA2140-8KP46-0AA0
63	3VA2163-6KP46-0AA0	3VA2163-7KP46-0AA0	3VA2163-8KP46-0AA0
100	3VA2110-6KP46-0AA0	3VA2110-7KP46-0AA0	3VA2110-8KP46-0AA0
160	3VA2116-6KP46-0AA0	3VA2116-7KP46-0AA0	3VA2116-8KP46-0AA0

Connection with lug terminal

25	3VA2025-6KP42-0AA0	3VA2025-7KP42-0AA0	3VA2025-8KP42-0AA0
40	3VA2040-6KP42-0AA0	3VA2040-7KP42-0AA0	3VA2040-8KP42-0AA0
63	3VA2063-6KP42-0AA0	3VA2063-7KP42-0AA0	3VA2063-8KP42-0AA0
100	3VA2010-6KP42-0AA0	3VA2010-7KP42-0AA0	3VA2010-8KP42-0AA0
25	3VA2125-6KP42-0AA0	3VA2125-7KP42-0AA0	3VA2125-8KP42-0AA0
40	3VA2140-6KP42-0AA0	3VA2140-7KP42-0AA0	3VA2140-8KP42-0AA0
63	3VA2163-6KP42-0AA0	3VA2163-7KP42-0AA0	3VA2163-8KP42-0AA0
100	3VA2110-6KP42-0AA0	3VA2110-7KP42-0AA0	3VA2110-8KP42-0AA0
160	3VA2116-6KP42-0AA0	3VA2116-7KP42-0AA0	3VA2116-8KP42-0AA0
160	3VA2216-6KP42-0AA0	3VA2216-7KP42-0AA0	3VA2216-8KP42-0AA0
250	3VA2225-6KP42-0AA0	3VA2225-7KP42-0AA0	3VA2225-8KP42-0AA0
250	3VA2325-6KP42-0AA0	3VA2325-7KP42-0AA0	1) 3VA2325-8KP42-0AA0
400	3VA2340-6KP42-0AA0	3VA2340-7KP42-0AA0	1) 3VA2340-8KP42-0AA0
400	3VA2440-6KP42-0AA0	3VA2440-7KP42-0AA0	1) 3VA2440-8KP42-0AA0
500	3VA2450-6KP42-0AA0	3VA2450-7KP42-0AA0	1) --
630	3VA2463-6KP42-0AA0	3VA2463-7KP42-0AA0	1) 3VA2463-8KP42-0AA0

Line and generator protection, with display, with metering function, ETU860 LSIg

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd}
and adjustable instantaneous short-circuit protection I_i ,
with neutral protection against overload and short circuit from 20 %/40 % to 100 %/160 %
and adjustable ground-fault protection I_g

Connection with box terminal

25	3VA2025-6KQ46-0AA0	3VA2025-7KQ46-0AA0	3VA2025-8KQ46-0AA0
40	3VA2040-6KQ46-0AA0	3VA2040-7KQ46-0AA0	3VA2040-8KQ46-0AA0
63	3VA2063-6KQ46-0AA0	3VA2063-7KQ46-0AA0	3VA2063-8KQ46-0AA0
100	3VA2010-6KQ46-0AA0	3VA2010-7KQ46-0AA0	3VA2010-8KQ46-0AA0
25	3VA2125-6KQ46-0AA0	3VA2125-7KQ46-0AA0	3VA2125-8KQ46-0AA0
40	3VA2140-6KQ46-0AA0	3VA2140-7KQ46-0AA0	3VA2140-8KQ46-0AA0
63	3VA2163-6KQ46-0AA0	3VA2163-7KQ46-0AA0	3VA2163-8KQ46-0AA0
100	3VA2110-6KQ46-0AA0	3VA2110-7KQ46-0AA0	3VA2110-8KQ46-0AA0
160	3VA2116-6KQ46-0AA0	3VA2116-7KQ46-0AA0	3VA2116-8KQ46-0AA0

Connection with lug terminal

25	3VA2025-6KQ42-0AA0	3VA2025-7KQ42-0AA0	3VA2025-8KQ42-0AA0
40	3VA2040-6KQ42-0AA0	3VA2040-7KQ42-0AA0	3VA2040-8KQ42-0AA0
63	3VA2063-6KQ42-0AA0	3VA2063-7KQ42-0AA0	3VA2063-8KQ42-0AA0
100	3VA2010-6KQ42-0AA0	3VA2010-7KQ42-0AA0	3VA2010-8KQ42-0AA0
25	3VA2125-6KQ42-0AA0	3VA2125-7KQ42-0AA0	3VA2125-8KQ42-0AA0
40	3VA2140-6KQ42-0AA0	3VA2140-7KQ42-0AA0	3VA2140-8KQ42-0AA0
63	3VA2163-6KQ42-0AA0	3VA2163-7KQ42-0AA0	3VA2163-8KQ42-0AA0
100	3VA2110-6KQ42-0AA0	3VA2110-7KQ42-0AA0	3VA2110-8KQ42-0AA0
160	3VA2116-6KQ42-0AA0	3VA2116-7KQ42-0AA0	3VA2116-8KQ42-0AA0
160	3VA2216-6KQ42-0AA0	3VA2216-7KQ42-0AA0	3VA2216-8KQ42-0AA0
250	3VA2225-6KQ42-0AA0	3VA2225-7KQ42-0AA0	3VA2225-8KQ42-0AA0
250	3VA2325-6KQ42-0AA0	3VA2325-7KQ42-0AA0	1) 3VA2325-8KQ42-0AA0
400	3VA2340-6KQ42-0AA0	3VA2340-7KQ42-0AA0	1) 3VA2340-8KQ42-0AA0
400	3VA2440-6KQ42-0AA0	3VA2440-7KQ42-0AA0	1) 3VA2440-8KQ42-0AA0
500	3VA2450-6KQ42-0AA0	3VA2450-7KQ42-0AA0	1) --
630	3VA2463-6KQ42-0AA0	3VA2463-7KQ42-0AA0	1) 3VA2463-8KQ42-0AA0

1) Start of delivery scheduled for 3rd quarter 2015

* You can order this quantity or a multiple thereof.

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Motor and starter protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Conne-
ction
tech-
nology

Type

Rated
current I_n

A

Current setting
of the inverse-
time delayed
overload
protection "L"
 I_r

A

S function
(short-time
delayed
short-circuit
protection
"S")
 I_{sd}

A

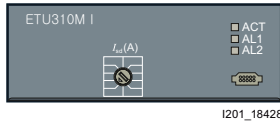
Operating
current of the
instanta-
neous short-
circuit pro-
tection "I"
 I_i

A

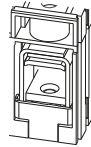
DT

 **I_{cu} up to 55 kA at 415 V,
medium breaking capacity M**
See "Overview", p. 1/6 and 1/7Article No.
[www.siemens.com/
product?Article No.](http://www.siemens.com/product?Article No.)Basic
price €
per PU

3-pole, fixed-mounted, 3VA20 to 3VA24, up to 630 A Electronic trip unit



I201_18428

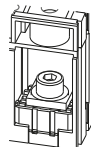
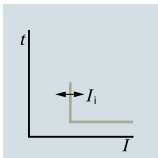


Starter protection, ETU310M I

With adjustable short-circuit protection I_i

Connection with box terminal

3VA21	25	--	--	75 ... 375	--
	40	--	--	120 ... 600	--
	63	--	--	189 ... 945	--
	100	--	--	300 ... 1500	--

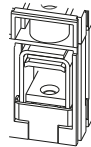


Connection with lug terminal

3VA21	25	--	--	75 ... 375	--
	40	--	--	120 ... 600	--
	63	--	--	189 ... 945	--
	100	--	--	300 ... 1500	--
3VA22	160	--	--	480 ... 2400	--
	200	--	--	600 ... 3000	--
3VA23	250	--	--	750 ... 3750	--
3VA24	400	--	--	1200 ... 6000	--
	500	--	--	1500 ... 7500	--



I201_18429

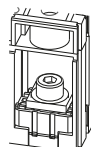
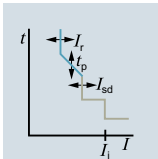


Motor protection, ETU350M LSI

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} and fixed instantaneous short-circuit protection I_i $I_r \times \dots$

Connection with box terminal

3VA21	25	10 ... 25	3 ... 15	375	3VA21 25-5MN36-0AA0
	40	16 ... 40	3 ... 15	600	3VA21 40-5MN36-0AA0
	63	25 ... 63	3 ... 15	945	3VA21 63-5MN36-0AA0
	100	40 ... 100	3 ... 15	1500	3VA21 10-5MN36-0AA0

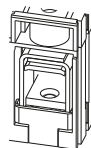


Connection with screw terminal

3VA21	25	10 ... 25	3 ... 15	375	3VA21 25-5MN32-0AA0
	40	16 ... 40	3 ... 15	600	3VA21 40-5MN32-0AA0
	63	25 ... 63	3 ... 15	945	3VA21 63-5MN32-0AA0
	100	40 ... 100	3 ... 15	1500	3VA21 10-5MN32-0AA0
3VA22	160	63 ... 160	3 ... 15	2400	3VA22 16-5MN32-0AA0
	200	80 ... 200	3 ... 15	3000	3VA22 20-5MN32-0AA0
3VA23	250	100 ... 250	3 ... 15	3750	3VA23 25-5MN32-0AA0
3VA24	400	160 ... 400	3 ... 15	6000	3VA24 40-5MN32-0AA0
	500	200 ... 500	3 ... 15	7500	3VA24 50-5MN32-0AA0



I201_18484

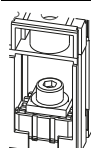
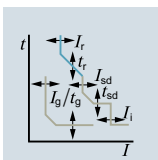


Motor protection, with display, with metering function, ETU860M LSiG

With adjustable overload protection I_r , adjustable delayed short-circuit protection I_{sd} , adjustable instantaneous short-circuit protection I_i and fixed ground-fault protection I_g

Connection with box terminal

3VA21	25	10 ... 25	38 ... 375	75 ... 375	3VA21 25-5MQ36-0AA0
	40	16 ... 40	60 ... 600	120 ... 600	3VA21 40-5MQ36-0AA0
	63	25 ... 63	95 ... 945	189 ... 945	3VA21 63-5MQ36-0AA0
	100	40 ... 100	150 ... 1500	300 ... 1500	3VA21 10-5MQ36-0AA0



Connection with screw terminal

3VA21	25	10 ... 25	30 ... 375	75 ... 375	3VA21 25-5MQ32-0AA0
	40	16 ... 40	48 ... 600	120 ... 600	3VA21 40-5MQ32-0AA0
	63	25 ... 63	76 ... 945	189 ... 945	3VA21 63-5MQ32-0AA0
	100	40 ... 100	120 ... 1500	300 ... 1500	3VA21 10-5MQ32-0AA0
3VA22	160	63 ... 160	192 ... 2400	480 ... 2400	3VA22 16-5MQ32-0AA0
	200	80 ... 200	240 ... 3000	600 ... 3000	3VA22 20-5MQ32-0AA0
3VA23	250	100 ... 250	300 ... 3750	750 ... 3750	3VA23 25-5MQ32-0AA0
3VA24	400	160 ... 400	480 ... 6000	1200 ... 6000	3VA24 40-5MQ32-0AA0
	500	200 ... 500	600 ... 7500	1500 ... 7500	3VA24 50-5MQ32-0AA0

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Motor and starter protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 153

Rated current	DT	I_{cu} up to 85 kA at 415 V, high breaking capacity H H See "Overview", p. 1/6 and 1/7	DT	I_{cu} up to 110 kA at 415 V, very high breaking capacity C C See "Overview", p. 1/6 and 1/7	DT	I_{cu} up to 150 kA at 415 V, extremely high breaking capacity L L See "Overview", p. 1/6 and 1/7
I_n		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.
A		Basic price € per PU		Basic price € per PU		Basic price € per PU

Starter protection, ETU310M I

With adjustable short-circuit protection I_i

	Connection with box terminal	Connection with box terminal	
25	---	3VA21 25-7MS36-0AA0	3VA21 25-8MS36-0AA0
40	---	3VA21 40-7MS36-0AA0	3VA21 40-8MS36-0AA0
63	---	3VA21 63-7MS36-0AA0	3VA21 63-8MS36-0AA0
100	---	3VA21 10-7MS36-0AA0	3VA21 10-8MS36-0AA0
	Connection with lug terminal	Connection with lug terminal	
25	---	3VA21 25-7MS32-0AA0	3VA21 25-8MS32-0AA0
40	---	3VA21 40-7MS32-0AA0	3VA21 40-8MS32-0AA0
63	---	3VA21 63-7MS32-0AA0	3VA21 63-8MS32-0AA0
100	---	3VA21 10-7MS32-0AA0	3VA21 10-8MS32-0AA0
160	---	3VA22 16-7MS32-0AA0	3VA22 16-8MS32-0AA0
200	---	3VA22 20-7MS32-0AA0	---
250	---	3VA23 25-7MS32-0AA0	3VA23 25-8MS32-0AA0
400	---	3VA24 40-7MS32-0AA0	3VA24 40-8MS32-0AA0
500	---	3VA24 50-7MS32-0AA0	---

Motor protection, ETU350M LSI

With adjustable overload protection I_p , adjustable delayed short-circuit protection I_{sd} and fixed instantaneous short-circuit protection I_i

	Connection with box terminal	Connection with box terminal	
25	---	3VA21 25-7MN36-0AA0	3VA21 25-8MN36-0AA0
40	---	3VA21 40-7MN36-0AA0	3VA21 40-8MN36-0AA0
63	---	3VA21 63-7MN36-0AA0	3VA21 63-8MN36-0AA0
100	---	3VA21 10-7MN36-0AA0	3VA21 10-8MN36-0AA0
	Connection with lug terminal	Connection with lug terminal	
25	---	3VA21 25-7MN32-0AA0	3VA21 25-8MN32-0AA0
40	---	3VA21 40-7MN32-0AA0	3VA21 40-8MN32-0AA0
63	---	3VA21 63-7MN32-0AA0	3VA21 63-8MN32-0AA0
100	---	3VA21 10-7MN32-0AA0	3VA21 10-8MN32-0AA0
160	---	3VA22 16-7MN32-0AA0	3VA22 16-8MN32-0AA0
200	---	3VA22 20-7MN32-0AA0	---
250	---	3VA23 25-7MN32-0AA0	3VA23 25-8MN32-0AA0
400	---	3VA24 40-7MN32-0AA0	3VA24 40-8MN32-0AA0
500	---	3VA24 50-7MN32-0AA0	---

Motor protection, with display, with metering function, ETU860M LSIg

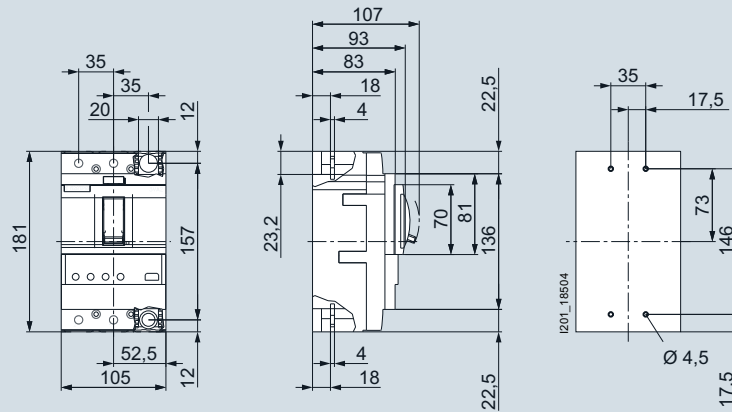
With adjustable overload protection I_p , adjustable delayed short-circuit protection I_{sd} , adjustable instantaneous short-circuit protection I_i and fixed ground-fault protection I_g

	Connection with box terminal	Connection with box terminal	
25	---	3VA21 25-7MQ36-0AA0	3VA21 25-8MQ36-0AA0
40	---	3VA21 40-7MQ36-0AA0	3VA21 40-8MQ36-0AA0
63	---	3VA21 63-7MQ36-0AA0	3VA21 63-8MQ36-0AA0
100	---	3VA21 10-7MQ36-0AA0	3VA21 10-8MQ36-0AA0
	Connection with lug terminal	Connection with lug terminal	
25	---	3VA21 25-7MQ32-0AA0	3VA21 25-8MQ32-0AA0
40	---	3VA21 40-7MQ32-0AA0	3VA21 40-8MQ32-0AA0
63	---	3VA21 63-7MQ32-0AA0	3VA21 63-8MQ32-0AA0
100	---	3VA21 10-7MQ32-0AA0	3VA21 10-8MQ32-0AA0
160	---	3VA22 16-7MQ32-0AA0	3VA22 16-8MQ32-0AA0
200	---	3VA22 20-7MQ32-0AA0	---
250	---	3VA23 25-7MQ32-0AA0	3VA23 25-8MQ32-0AA0
400	---	3VA24 40-7MQ32-0AA0	3VA24 40-8MQ32-0AA0
500	---	3VA24 50-7MQ32-0AA0	---

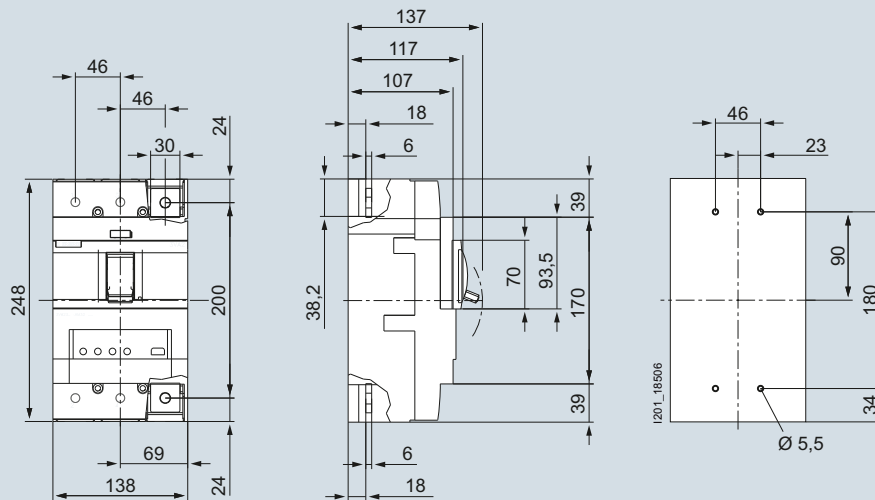
3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Dimensional drawings

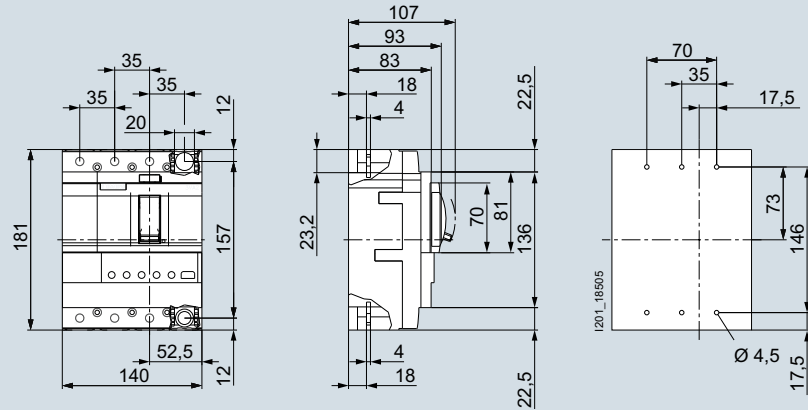
Overview



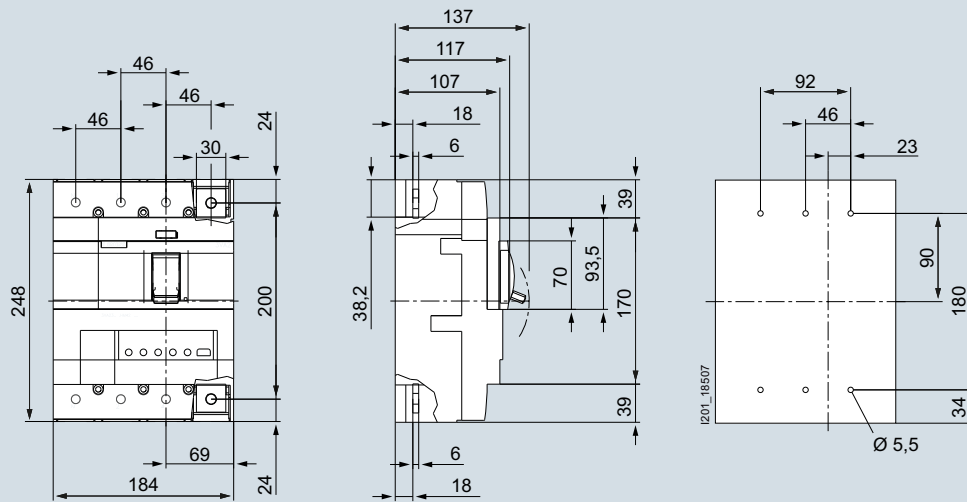
3VA20, 3VA21 and 3VA22, 3-pole



3VA23 and 3VA24, 3-pole

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA**Dimensional drawings**

3VA20, 3VA21 and 3VA22, 4-pole



3VA23 and 3VA24, 4-pole

Further dimensional drawings can be found in the image database at: www.siemens.com/lowvoltage/picturedb

3VA2 Molded Case Circuit Breakers up to 630 A, ETU, 400/690 V, up to 150 kA

Notes