

3VM Molded Case Circuit Breakers up to 630 A, TM, 400 V, up to 55 kA



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For further technical product information:

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3VM Molded Case Circuit Breakers up to 630 A, TM, 400 V, up to 55 kA

Line protection

Selection and ordering data

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 1CB



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 25 kA at 240 V, low breaking capacity N
See "Overview", p. 1/2

N

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

Basic price per PU

A

A

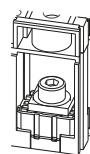
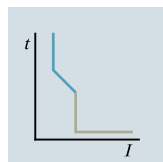
A

1-pole, fixed-mounted, **3VM11**, up to 160 A
Thermal-magnetic trip unit



I201_19253

Line protection, 1-pole, **TM210 FTFM**

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

Connection with lug terminal

3VM11

16
20
25
3216
20
25
32320
320
320
320
3VM1196-3ED12-0AA0
3VM1120-3ED12-0AA0
3VM1125-3ED12-0AA0
3VM1132-3ED12-0AA0
40
50
63
8040
50
63
80400
500
630
800
3VM1140-3ED12-0AA0
3VM1150-3ED12-0AA0
3VM1163-3ED12-0AA0
3VM1180-3ED12-0AA0
100
125
160100
125
1601000
1250
1600
3VM1110-3ED12-0AA0
3VM1112-3ED12-0AA0
3VM1116-3ED12-0AA0


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 25 kA at 415 V, low breaking capacity N
See "Overview", p. 1/2

N

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

Basic price per PU

A

A

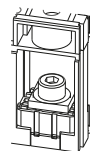
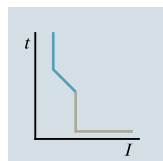
A

2-pole, fixed-mounted, **3VM11**, up to 160 A
Thermal-magnetic trip unit



I201_19253

Line protection, 2-pole, **TM210 FTFM**

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

Connection with lug terminal

3VM11

16
20
25
3216
20
25
32320
320
320
320
3VM1196-3ED22-0AA0
3VM1120-3ED22-0AA0
3VM1125-3ED22-0AA0
3VM1132-3ED22-0AA0
40
50
63
8040
50
63
80400
500
630
800
3VM1140-3ED22-0AA0
3VM1150-3ED22-0AA0
3VM1163-3ED22-0AA0
3VM1180-3ED22-0AA0
100
125
160100
125
1601000
1250
1600
3VM1110-3ED22-0AA0
3VM1112-3ED22-0AA0
3VM1116-3ED22-0AA0

3VM Molded Case Circuit Breakers up to 630 A, TM, 400 V, up to 55 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 1CB

Rated current I_n	DT	I_{cu} to 36 kA at 240 V, standard breaking capacity S S See "Overview", p. 1/2
		Article No. www.siemens.com/ product?Article No.
A		Basic price per PU

Line protection, 1-pole, TM210 FTFMWith fixed overload protection I_r and fixed short-circuit protection I_i **Connection with lug terminal**

16	3VM1196-4ED12-0AA0
20	3VM1120-4ED12-0AA0
25	3VM1125-4ED12-0AA0
32	3VM1132-4ED12-0AA0

40	3VM1140-4ED12-0AA0
50	3VM1150-4ED12-0AA0
63	3VM1163-4ED12-0AA0
80	3VM1180-4ED12-0AA0

100	3VM1110-4ED12-0AA0
125	3VM1112-4ED12-0AA0
160	3VM1116-4ED12-0AA0

Rated current I_n	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S S See "Overview", p. 1/2
		Article No. www.siemens.com/ product?Article No.
A		Basic price per PU

Line protection, 2-pole, TM210 FTFMWith fixed overload protection I_r and fixed short-circuit protection I_i **Connection with lug terminal**

16	3VM1196-4ED22-0AA0
20	3VM1120-4ED22-0AA0
25	3VM1125-4ED22-0AA0
32	3VM1132-4ED22-0AA0

40	3VM1140-4ED22-0AA0
50	3VM1150-4ED22-0AA0
63	3VM1163-4ED22-0AA0
80	3VM1180-4ED22-0AA0

100	3VM1110-4ED22-0AA0
125	3VM1112-4ED22-0AA0
160	3VM1116-4ED22-0AA0

3VM Molded Case Circuit Breakers up to 630 A, TM, 400 V, up to 55 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 1CB

Connection
technology

Type

Rated current
 I_n Current setting
of the inverse-
time delayed
overload
protection "L"
 I_r Operating
current of the
instanta-
neous short-
circuit
protection "I"
 I_i

DT

**I_{cu} up to 16 kA at 415 V,
very low breaking capacity B**
See "Overview", p. 1/2

(B)

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

Basic price
per PU

A

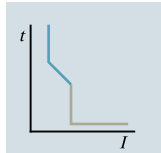
A

A

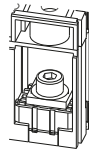
3-pole, fixed-mounted, 3VM10 to 3VM14, up to 630 A
Thermal-magnetic trip unit



I201_19253



Line protection, TM210 FTFM

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

Connection with lug terminal

3VM10	16	16	320	3VM1096-2ED32-0AA0
	20	20	320	3VM1020-2ED32-0AA0
	25	25	320	3VM1025-2ED32-0AA0
	32	32	320	3VM1032-2ED32-0AA0
	40	40	400	3VM1040-2ED32-0AA0
	50	50	500	3VM1050-2ED32-0AA0
	63	63	630	3VM1063-2ED32-0AA0
	80	80	800	3VM1080-2ED32-0AA0
	100	100	1000	3VM1010-2ED32-0AA0
	125	125	1250	---
3VM11	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	---
3VM12	200	200	2000	---
	250	250	2500	---
3VM13 NEW	320	320	3200	---
	400	400	4000	---
3VM14 NEW	500	500	5000	---
	630	630	6300	---

3VM Molded Case Circuit Breakers up to 630 A, TM, 400 V, up to 55 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 1CB

Rated current I_n	DT	I_{cu} up to 25 kA at 415 V, low breaking capacity N See "Overview", p. 1/2	Basic price per PU	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S See "Overview", p. 1/2	Basic price per PU	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M See "Overview", p. 1/2	Basic price per PU
		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									

Line protection, TM210 FTFM

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

Connection with lug terminal				
16	3VM1096-3ED32-0AA0	3VM1096-4ED32-0AA0	--	
20	3VM1020-3ED32-0AA0	3VM1020-4ED32-0AA0	--	
25	3VM1025-3ED32-0AA0	3VM1025-4ED32-0AA0	--	
32	3VM1032-3ED32-0AA0	3VM1032-4ED32-0AA0	--	
40	3VM1040-3ED32-0AA0	3VM1040-4ED32-0AA0	--	
50	3VM1050-3ED32-0AA0	3VM1050-4ED32-0AA0	--	
63	3VM1063-3ED32-0AA0	3VM1063-4ED32-0AA0	--	
80	3VM1080-3ED32-0AA0	3VM1080-4ED32-0AA0	--	
100	3VM1010-3ED32-0AA0	3VM1010-4ED32-0AA0	--	
16	3VM1196-3ED32-0AA0	3VM1196-4ED32-0AA0	3VM1196-5ED32-0AA0	
20	3VM1120-3ED32-0AA0	3VM1120-4ED32-0AA0	3VM1120-5ED32-0AA0	
25	3VM1125-3ED32-0AA0	3VM1125-4ED32-0AA0	3VM1125-5ED32-0AA0	
32	3VM1132-3ED32-0AA0	3VM1132-4ED32-0AA0	3VM1132-5ED32-0AA0	
40	3VM1140-3ED32-0AA0	3VM1140-4ED32-0AA0	3VM1140-5ED32-0AA0	
50	3VM1150-3ED32-0AA0	3VM1150-4ED32-0AA0	3VM1150-5ED32-0AA0	
63	3VM1163-3ED32-0AA0	3VM1163-4ED32-0AA0	3VM1163-5ED32-0AA0	
80	3VM1180-3ED32-0AA0	3VM1180-4ED32-0AA0	3VM1180-5ED32-0AA0	
100	3VM1110-3ED32-0AA0	3VM1110-4ED32-0AA0	3VM1110-5ED32-0AA0	
125	3VM1112-3ED32-0AA0	3VM1112-4ED32-0AA0	3VM1112-5ED32-0AA0	
160	3VM1116-3ED32-0AA0	3VM1116-4ED32-0AA0	3VM1116-5ED32-0AA0	
200	--	3VM1220-4ED32-0AA0	3VM1220-5ED32-0AA0	
250	--	3VM1225-4ED32-0AA0	3VM1225-5ED32-0AA0	
NEW 320	--	3VM1332-4ED32-0AA0	3VM1332-5ED32-0AA0	
400	--	3VM1340-4ED32-0AA0	3VM1340-5ED32-0AA0	
NEW 500	--	3VM1450-4ED32-0AA0	3VM1450-5ED32-0AA0	
630	--	3VM1463-4ED32-0AA0	3VM1463-5ED32-0AA0	

3VM Molded Case Circuit Breakers up to 630 A, TM, 400 V, up to 55 kA

Line protection

Connection
technology

Type

Rated current
 I_n Current setting
of the inverse-
time delayed
overload
protection "L"
 I_r Operating
current of the
instanta-
neous short-
circuit
protection "I"
 I_i

DT

**I_{cu} up to 16 kA at 415 V,
very low breaking capacity B** (B)
See "Overview", p. 1/2

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

Basic price
per PU

A

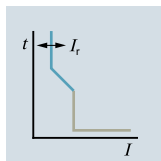
A

A

3-pole, fixed-mounted, 3VM11 to 3VM14, up to 630 A
Thermal-magnetic trip unit

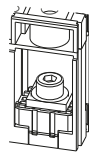


I201_19254



Line protection, TM220 ATFM

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



Connection with lug terminal

3VM11	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	--
3VM12	200	140 ... 200	2000	--
	250	175 ... 250	2500	--
3VM13 NEW	320	220 ... 320	3200	--
	400	280 ... 400	4000	--
3VM14 NEW	500	350 ... 500	5000	--
	630	440 ... 630	6300	--

3VM Molded Case Circuit Breakers up to 630 A, TM, 400 V, up to 55 kA

Line protection

Rated current I_n	I_{cu} up to 25 kA at 415 V, low breaking capacity N (N)		DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S (S)		DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M (M)	
	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 ATFMWith adjustable overload protection I_r and fixed short-circuit protection I_i

Connection with lug terminal			
16	3VM1196-3EE32-0AA0	3VM1196-4EE32-0AA0	3VM1196-5EE32-0AA0
20	3VM1120-3EE32-0AA0	3VM1120-4EE32-0AA0	3VM1120-5EE32-0AA0
25	3VM1125-3EE32-0AA0	3VM1125-4EE32-0AA0	3VM1125-5EE32-0AA0
32	3VM1132-3EE32-0AA0	3VM1132-4EE32-0AA0	3VM1132-5EE32-0AA0
40	3VM1140-3EE32-0AA0	3VM1140-4EE32-0AA0	3VM1140-5EE32-0AA0
50	3VM1150-3EE32-0AA0	3VM1150-4EE32-0AA0	3VM1150-5EE32-0AA0
63	3VM1163-3EE32-0AA0	3VM1163-4EE32-0AA0	3VM1163-5EE32-0AA0
80	3VM1180-3EE32-0AA0	3VM1180-4EE32-0AA0	3VM1180-5EE32-0AA0
100	3VM1110-3EE32-0AA0	3VM1110-4EE32-0AA0	3VM1110-5EE32-0AA0
125	3VM1112-3EE32-0AA0	3VM1112-4EE32-0AA0	3VM1112-5EE32-0AA0
160	3VM1116-3EE32-0AA0	3VM1116-4EE32-0AA0	3VM1116-5EE32-0AA0
200	--	3VM1220-4EE32-0AA0	3VM1220-5EE32-0AA0
250	--	3VM1225-4EE32-0AA0	3VM1225-5EE32-0AA0
NEW 320	--	3VM1332-4EE32-0AA0	3VM1332-5EE32-0AA0
400	--	3VM1340-4EE32-0AA0	3VM1340-5EE32-0AA0
NEW 500	--	3VM1450-4EE32-0AA0	3VM1450-5EE32-0AA0
630	--	3VM1463-4EE32-0AA0	3VM1463-5EE32-0AA0

3VM Molded Case Circuit Breakers up to 630 A, TM, 400 V, up to 55 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 1CB

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
protection "I"
 I_i

A

DT

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

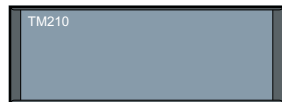
See "Overview", p. 1/2

B

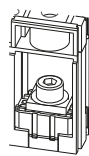
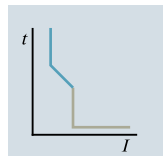
Article No.
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product?Article No.](http://www.siemens.com/product?ArticleNo.)

Basic price
per PU

4-pole, fixed-mounted, 3VM10 to 3VM14, up to 630 A
Thermal-magnetic trip unit



I201_19253



Line protection, TM210 FTFM, without neutral conductor protection

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

Connection with lug terminal

3VM10	16	16	320	3VM1096-2ED42-0AA0
	20	20	320	3VM1020-2ED42-0AA0
	25	25	320	3VM1025-2ED42-0AA0
	32	32	320	3VM1032-2ED42-0AA0
	40	40	400	3VM1040-2ED42-0AA0
	50	50	500	3VM1050-2ED42-0AA0
	63	63	630	3VM1063-2ED42-0AA0
	80	80	800	3VM1080-2ED42-0AA0
	100	100	1000	3VM1010-2ED42-0AA0
3VM11	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	---
3VM12	160	160	1600	---
	200	200	2000	---
3VM13	250	250	2500	---
	320	320	3200	---
3VM14	400	400	4000	---
	500	500	5000	---
	630	630	6300	---

Line protection, TM210 FTFM, 100 % neutral conductor protection

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

Connection with lug terminal

3VM11	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	---
3VM12	160	160	1600	---
	200	200	2000	---
3VM13	250	250	2500	---
	320	320	3200	---
3VM14	400	400	4000	---
	500	500	5000	---
	630	630	6300	---

3VM Molded Case Circuit Breakers up to 630 A, TM, 400 V, up to 55 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 1CB

Rated current I_n	DT	I_{cu} up to 25 kA at 415 V, low breaking capacity N	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M
		See "Overview", p. 1/2		See "Overview", p. 1/2		See "Overview", p. 1/2
		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.		Article No. www.siemens.com/ product?Article No.
		Basic price per PU		Basic price per PU		Basic price per PU
A						

2

Line protection, TM210 FTFM, without neutral conductor protectionWith fixed overload protection I_r and fixed short-circuit protection I_f

Connection with lug terminal			
16	3VM1096-3ED42-0AA0	3VM1096-4ED42-0AA0	--
20	3VM1020-3ED42-0AA0	3VM1020-4ED42-0AA0	--
25	3VM1025-3ED42-0AA0	3VM1025-4ED42-0AA0	--
32	3VM1032-3ED42-0AA0	3VM1032-4ED42-0AA0	--
40	3VM1040-3ED42-0AA0	3VM1040-4ED42-0AA0	--
50	3VM1050-3ED42-0AA0	3VM1050-4ED42-0AA0	--
63	3VM1063-3ED42-0AA0	3VM1063-4ED42-0AA0	--
80	3VM1080-3ED42-0AA0	3VM1080-4ED42-0AA0	--
100	3VM1010-3ED42-0AA0	3VM1010-4ED42-0AA0	--
16	3VM1196-3ED42-0AA0	3VM1196-4ED42-0AA0	3VM1196-5ED42-0AA0
20	3VM1120-3ED42-0AA0	3VM1120-4ED42-0AA0	3VM1120-5ED42-0AA0
25	3VM1125-3ED42-0AA0	3VM1125-4ED42-0AA0	3VM1125-5ED42-0AA0
32	3VM1132-3ED42-0AA0	3VM1132-4ED42-0AA0	3VM1132-5ED42-0AA0
40	3VM1140-3ED42-0AA0	3VM1140-4ED42-0AA0	3VM1140-5ED42-0AA0
50	3VM1150-3ED42-0AA0	3VM1150-4ED42-0AA0	3VM1150-5ED42-0AA0
63	3VM1163-3ED42-0AA0	3VM1163-4ED42-0AA0	3VM1163-5ED42-0AA0
80	3VM1180-3ED42-0AA0	3VM1180-4ED42-0AA0	3VM1180-5ED42-0AA0
100	3VM1110-3ED42-0AA0	3VM1110-4ED42-0AA0	3VM1110-5ED42-0AA0
125	3VM1112-3ED42-0AA0	3VM1112-4ED42-0AA0	3VM1112-5ED42-0AA0
160	3VM1116-3ED42-0AA0	3VM1116-4ED42-0AA0	3VM1116-5ED42-0AA0
200	--	3VM1220-4ED42-0AA0	3VM1220-5ED42-0AA0
250	--	3VM1225-4ED42-0AA0	3VM1225-5ED42-0AA0
NEW 320	--	3VM1332-4ED42-0AA0	3VM1332-5ED42-0AA0
400	--	3VM1340-4ED42-0AA0	3VM1340-5ED42-0AA0
NEW 500	--	3VM1450-4ED42-0AA0	3VM1450-5ED42-0AA0
630	--	3VM1463-4ED42-0AA0	3VM1463-5ED42-0AA0

Line protection, TM210 FTFM, 100 % neutral conductor protectionWith fixed overload protection I_r and fixed short-circuit protection I_f

Connection with lug terminal			
16	3VM1196-3GD42-0AA0	3VM1196-4GD42-0AA0	3VM1196-5GD42-0AA0
20	3VM1120-3GD42-0AA0	3VM1120-4GD42-0AA0	3VM1120-5GD42-0AA0
25	3VM1125-3GD42-0AA0	3VM1125-4GD42-0AA0	3VM1125-5GD42-0AA0
32	3VM1132-3GD42-0AA0	3VM1132-4GD42-0AA0	3VM1132-5GD42-0AA0
40	3VM1140-3GD42-0AA0	3VM1140-4GD42-0AA0	3VM1140-5GD42-0AA0
50	3VM1150-3GD42-0AA0	3VM1150-4GD42-0AA0	3VM1150-5GD42-0AA0
63	3VM1163-3GD42-0AA0	3VM1163-4GD42-0AA0	3VM1163-5GD42-0AA0
80	3VM1180-3GD42-0AA0	3VM1180-4GD42-0AA0	3VM1180-5GD42-0AA0
100	3VM1110-3GD42-0AA0	3VM1110-4GD42-0AA0	3VM1110-5GD42-0AA0
125	3VM1112-3GD42-0AA0	3VM1112-4GD42-0AA0	3VM1112-5GD42-0AA0
160	3VM1116-3GD42-0AA0	3VM1116-4GD42-0AA0	3VM1116-5GD42-0AA0
200	--	3VM1220-4GD42-0AA0	3VM1220-5GD42-0AA0
250	--	3VM1225-4GD42-0AA0	3VM1225-5GD42-0AA0
NEW 320	--	3VM1332-4GD42-0AA0	3VM1332-5GD42-0AA0
400	--	3VM1340-4GD42-0AA0	3VM1340-5GD42-0AA0
NEW 500	--	3VM1450-4GD42-0AA0	3VM1450-5GD42-0AA0
630	--	3VM1463-4GD42-0AA0	3VM1463-5GD42-0AA0

3VM Molded Case Circuit Breakers up to 630 A, TM, 400 V, up to 55 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 1CB



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

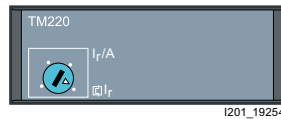
A

DT

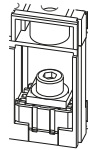
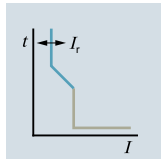
 I_{cu} up to 25 kA at 415 V, low breaking capacity N
See "Overview", p. 1/2Article No.
[www.siemens.com/
product?Article No.](http://www.siemens.com/product?Article No.)Basic price
per PU

(N)

4-pole, fixed-mounted, 3VM11 to 3VM14, up to 630A
Thermal-magnetic trip unit



I201_19254



Line protection, TM220 ATFM, without neutral conductor protection

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

Connection with lug terminal

3VM11	16	11 ... 16	320	3VM1196-3EE42-0AA0
	20	14 ... 20	320	3VM1120-3EE42-0AA0
	25	18 ... 25	320	3VM1125-3EE42-0AA0
	32	22 ... 32	320	3VM1132-3EE42-0AA0
	40	28 ... 40	400	3VM1140-3EE42-0AA0
	50	35 ... 50	500	3VM1150-3EE42-0AA0
	63	44 ... 63	630	3VM1163-3EE42-0AA0
	80	56 ... 80	800	3VM1180-3EE42-0AA0
	100	70 ... 100	1000	3VM1110-3EE42-0AA0
	125	88 ... 125	1250	3VM1112-3EE42-0AA0
	160	112 ... 160	1600	3VM1116-3EE42-0AA0
3VM12	200	140 ... 200	2000	--
	250	175 ... 250	2500	--
3VM13 NEW	320	220 ... 320	3200	--
	400	280 ... 400	4000	--
3VM14 NEW	500	350 ... 500	5000	--
	630	440 ... 630	6300	--

Line protection, TM220 ATFM, 100 % neutral conductor protection

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

Connection with lug terminal

3VM11	16	11 ... 16	320	3VM1196-3GE42-0AA0
	20	14 ... 20	320	3VM1120-3GE42-0AA0
	25	18 ... 25	320	3VM1125-3GE42-0AA0
	32	22 ... 32	320	3VM1132-3GE42-0AA0
	40	28 ... 40	400	3VM1140-3GE42-0AA0
	50	35 ... 50	500	3VM1150-3GE42-0AA0
	63	44 ... 63	630	3VM1163-3GE42-0AA0
	80	56 ... 80	800	3VM1180-3GE42-0AA0
	100	70 ... 100	1000	3VM1110-3GE42-0AA0
	125	88 ... 125	1250	3VM1112-3GE42-0AA0
	160	112 ... 160	1600	3VM1116-3GE42-0AA0
3VM12	200	140 ... 200	2000	--
	250	175 ... 250	2500	--
3VM13 NEW	320	220 ... 320	3200	--
	400	280 ... 400	4000	--
3VM14 NEW	500	350 ... 500	5000	--
	630	440 ... 630	6300	--

3VM Molded Case Circuit Breakers up to 630 A, TM, 400 V, up to 55 kA

Line protection

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 1CB

Rated current I_n	DT	I_{cu} to 36 kA at 415 V, standard breaking capacity S See "Overview", p. 1/2	(S)	DT	I_{cu} up to 55 kA at 415 V, medium breaking capacity M See "Overview", p. 1/2	(M)
		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, without neutral conductor protection

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

Connection with lug terminal			
16	3VM1196-4EE42-0AA0	3VM1196-5EE42-0AA0	
20	3VM1120-4EE42-0AA0	3VM1120-5EE42-0AA0	
25	3VM1125-4EE42-0AA0	3VM1125-5EE42-0AA0	
32	3VM1132-4EE42-0AA0	3VM1132-5EE42-0AA0	
40	3VM1140-4EE42-0AA0	3VM1140-5EE42-0AA0	
50	3VM1150-4EE42-0AA0	3VM1150-5EE42-0AA0	
63	3VM1163-4EE42-0AA0	3VM1163-5EE42-0AA0	
80	3VM1180-4EE42-0AA0	3VM1180-5EE42-0AA0	
100	3VM1110-4EE42-0AA0	3VM1110-5EE42-0AA0	
125	3VM1112-4EE42-0AA0	3VM1112-5EE42-0AA0	
160	3VM1116-4EE42-0AA0	3VM1116-5EE42-0AA0	
200	3VM1220-4EE42-0AA0	3VM1220-5EE42-0AA0	
250	3VM1225-4EE42-0AA0	3VM1225-5EE42-0AA0	
NEW 320	3VM1332-4EE42-0AA0	3VM1332-5EE42-0AA0	
400	3VM1340-4EE42-0AA0	3VM1340-5EE42-0AA0	
NEW 500	3VM1450-4EE42-0AA0	3VM1450-5EE42-0AA0	
630	3VM1463-4EE42-0AA0	3VM1463-5EE42-0AA0	

Line protection, TM220 ATFM, 100 % neutral conductor protection

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

Connection with lug terminal			
16	3VM1196-4GE42-0AA0	3VM1196-5GE42-0AA0	
20	3VM1120-4GE42-0AA0	3VM1120-5GE42-0AA0	
25	3VM1125-4GE42-0AA0	3VM1125-5GE42-0AA0	
32	3VM1132-4GE42-0AA0	3VM1132-5GE42-0AA0	
40	3VM1140-4GE42-0AA0	3VM1140-5GE42-0AA0	
50	3VM1150-4GE42-0AA0	3VM1150-5GE42-0AA0	
63	3VM1163-4GE42-0AA0	3VM1163-5GE42-0AA0	
80	3VM1180-4GE42-0AA0	3VM1180-5GE42-0AA0	
100	3VM1110-4GE42-0AA0	3VM1110-5GE42-0AA0	
125	3VM1112-4GE42-0AA0	3VM1112-5GE42-0AA0	
160	3VM1116-4GE42-0AA0	3VM1116-5GE42-0AA0	
200	3VM1220-4GE42-0AA0	3VM1220-5GE42-0AA0	
250	3VM1225-4GE42-0AA0	3VM1225-5GE42-0AA0	
NEW 320	3VM1332-4GE42-0AA0	3VM1332-5GE42-0AA0	
400	3VM1340-4GE42-0AA0	3VM1340-5GE42-0AA0	
NEW 500	3VM1450-4GE42-0AA0	3VM1450-5GE42-0AA0	
630	3VM1463-4GE42-0AA0	3VM1463-5GE42-0AA0	

3VM Molded Case Circuit Breakers up to 630 A, TM, 400 V, up to 55 kA

Starter protection

Selection and ordering data

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 1CB

Connection
technology

Type

Rated current
 I_n Current setting
of the inverse-
time delayed
overload
protection "L"
 I_r Operating
current of the
instanta-
neous short-
circuit
protection "I"
 I_i

DT

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

M

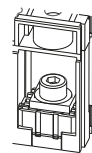
Article No.
[www.siemens.com/
product?Article No.](http://www.siemens.com/product?ArticleNo.)Basic price
per PU

3-pole, fixed-mounted, 3VM11 to 3VM14, up to 500 A
Magnetic trip unit



I201_19523

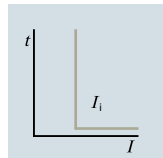
Starter protection, TM110M FM

With fixed short-circuit protection I_i 

Connection with lug terminal

3VM11	8	--	128
	12.5	--	200

3VM1108-5MG32-0AA0
3VM1192-5MG32-0AA0



I201_19240

Starter protection, TM120M AM

With adjustable short-circuit protection I_i 

Connection with lug terminal

3VM11	20	--	140 ... 320
	32	--	220 ... 510
	40	--	280 ... 640
	50	--	350 ... 800
	63	--	440 ... 1010
3VM12	80	--	560 ... 1280
	100	--	700 ... 1600
	125	--	875 ... 2000
3VM13	160	--	1120 ... 2560
	200	--	1200 ... 2800
3VM14	250	--	2000 ... 4000
	320	--	2240 ... 4480
3VM14	400	--	2400 ... 4800
	500	--	2500 ... 5000

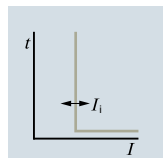
3VM1120-5MH32-0AA0
3VM1132-5MH32-0AA0
3VM1140-5MH32-0AA0
3VM1150-5MH32-0AA0

3VM1163-5MH32-0AA0
3VM1180-5MH32-0AA0
3VM1110-5MH32-0AA0
3VM1112-5MH32-0AA0

3VM1216-5MH32-0AA0
3VM1220-5MH32-0AA0

3VM1325-5MH32-0AA0
3VM1332-5MH32-0AA0

3VM1440-5MH32-0AA0
3VM1450-5MH32-0AA0



3VM Molded Case Circuit Breakers up to 630 A, TM, 400 V, up to 55 kA

Switch disconnectors

Selection and ordering data

PU (UNIT, SET, M) = 1

PS*/P. unit = 1 UNIT

PG = 1CB

Connection
technology

Type

Rated current
 I_n

A

DT

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

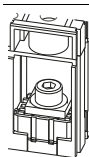
3-pole, fixed-mounted, 3VM11 to 3VM13, up to 400 A
Without trip unit



I201_19742

Switch disconnector SD100

Without trip unit



Connection with lug terminal

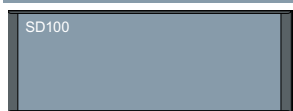
3VM11	63
	100
	125
	160
3VM12	250
3VM13 NEW	400

3VM1163-1AA32-0AA0
3VM1110-1AA32-0AA0
3VM1112-1AA32-0AA0
3VM1116-1AA32-0AA0

3VM1225-1AA32-0AA0

3VM1340-1AA32-0AA0

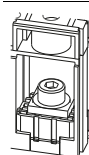
4-pole, fixed-mounted, up to 400 A
Without trip unit



I201_19742

Switch disconnector SD100

Without trip unit



Connection with lug terminal

3VM11	63
	100
	125
	160
3VM12	250
3VM13 NEW	400

3VM1163-1AA42-0AA0
3VM1110-1AA42-0AA0
3VM1112-1AA42-0AA0
3VM1116-1AA42-0AA0

3VM1225-1AA42-0AA0

3VM1340-1AA42-0AA0