3VM – IEC molded case circuit breaker
MLFB structure

SIEMENS
Ingenuity for life

Breaker type	
1	Thermomagnetic or Switch disconnector

Frame size:	
0	100 A
1	160 A
2	250 A
3	400 A
4	630 A

Rated current:	3VM10	3VM11	3VM12	3VM13	3VM14
96	In = 16				
20	In = 20		In = 200		
25	In = 25		In = 250	In = 250	
32	In = 32			In = 320	
40	In = 40			In = 400	In = 400
50	In = 50				In = 500
63	In = 63				In = 630
80	In = 80				
10	In = 100				
12		In = 125			
16		In = 160			

Breaking capacity @ 415 V AC:	3VM10*	3VM11**	3VM12**	3VM13**	3VM14**
1		Switch disconnector			
2	I_{cu} = 16kA				
3	I_{cu} = 25kA	I_{cu} = 25kA			
4	I_{cu} = 36kA	I_{cu} = 36kA	I_{cu} = 36kA		
5		I_{cu} = 55kA	I_{cu} = 55kA		

* Ics = 50%Icu
**Ics = 75%Icu

3VM	1	2	25	–	5	GE	3	2	0A	A0

Auxiliary releases
0A – without

Protection functions:
3VM1:

			L	I	N
AA	SD100	Disconnector			
ED	TM210	Line protection	fix	fix	without
EE	TM220		adj	fix	without
GD	TM210		fix	fix	100%
GE	TM220		adj	fix	100%
MG	TM110M	Starter protection		fix	without
MH	TM120M			adj	without

... pole:	
1*	1 – Pole
2*	2 – Pole
3	3 – Pole
4	4 – Pole

*only for VM11

Connection technology:	
2	Lug terminals

Auxiliary / alarm switches :
A0 – without

FTFM = ED	Fixed Thermal, fixed magnetic
ATFM = EE	Adjustable thermal, fixed magnetic (Adjustable overload protection Ir, fixed short-circuit protection Ii)