

ET M10-1P C16

① ② ③ ④

- ① Company code
- ② MCB Series No.
- ③ Breaking capacity code
- ④ No. of Poles
- ⑤ Spec(Curve C 16A)



Technical data

Certificate	Semko CE	
Standards	IEC/EN60898-1	
Number of poles	P	1,2,3,4Poles
Rated current	A	6-63A
Rated voltage	V AC	240/415
Rated breaking capacity	KA	6KA@415V
Characteristic	B,C,D	
Electrical/Mechanical life	Operations	>4000/10000
Terminal capacity	mm	25
Terminal protection	Finger and Hand touch safe	
Energy limiting class	3	
Installation	Mounting on 35mm Din rail	

Test	Type	Test current	Initial state	Time limit for tripping or not tripping	Expected result	Test environment temperature	Remarks
a	B, C, D	1.13 In	Cold state	$t \leq 1h$	Not tripping	30-35°C Or 50 °C	The current is rising within 5s
b	B, C, D	1.45 In	Right after test number 1	$t < 1h$	Tripping		
c	B, C, D	2.55 In	Cold state	$1s < t < 60s$ ($I_n \leq 32A$) $1s < t < 120s$ ($I_n > 32A$)	Tripping		
	B	3In		$t \leq 0.1s$	Not tripping		
	C	5In	Cold state				
e	D	10In		$t < 0.1s$	Tripping		
	B	5In					
	C	10In	Cold state				

Note: The terminology "Cold state" means that the test is performed at the base calibration temperature with no load prior to the test.

