

Accessories

Auxiliary Contact

Type ref.	Contact	Module Size 17.5 mm	Contact load
H11	1 N/C 1 N/O	0.5	10A/240V AC 3A/110V DC 1A/220V DC
H2	1 N/C 2 N/O	0.5	10A/240V AC 3A/110V DC 1A/220V DC
H3	2 N/O 1N/O	0.5	10A/240V AC 3A/110V DC 1A/220V DC

Shunt Trip Module

Type ref.	Module Size 17.5 mm	Operating Voltage
FA.12	1	12V AC
FA.24	1	24V AC
FA.48	1	48-72V AC
FA110	1	110-220V AC, 415V AC

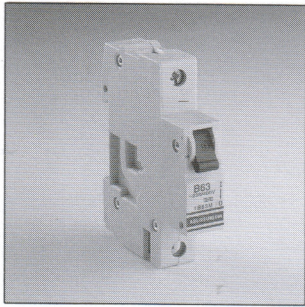
Undervoltage Release (50Hz)

Type ref.	Module Size 17.5 mm	Operating Voltage
UA .24	1	24V
UA 110	1	110V
UA 220	1	220V
UA 240	1	240V
UA 380	1	380V
UA 415	1	415-440V

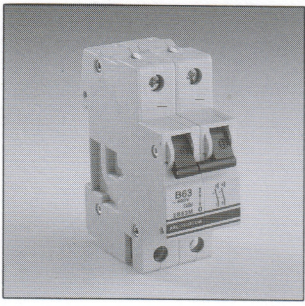
Technical Data

Tripping Characteristic	: B and C		
Number of Pole	: 1, 2 and 3		
Standard	: IEC 898, EN60898, SS359		
Breaking Capacity	: 6kA - Current Limiting Class 3		
Rated Voltage (AC)	: 240 / 415 V		
Rated Voltage (DC)	: 48 V - 1 pole ; 110 V - 2 pole		
Thermal Characteristic	Thermic Hold	-	1.13 x In > 1h
	Thermic Break	-	1.45 x In < 1h
Electromagnetic Characteristic		Type B	Type C
	Hold	- 3 x In > 0.1 s	5 x In > 0.1 s
	Break	- 5 x In < 0.1 s	10 x In < 0.1 s
Mechanical Life	: 20,000 operations		
Protection to IEC 529	: IP 40		
Terminal	Incoming	Outgoing	
	max. 35 mm	max. 25 mm	
Vibration Resistance	: > 15g to DIN / IEC 68 Part 2-59		
Shock Resistance	: 25g - 11ms		
Permissible Temperature	: -25° C to 55° C		
Reference Calibration Temperature	: 30° C +5° C		
Derating Factor	: Ambient Temperature against Thermic Tripping		
	+10° C	-	In x 0.95
	-10° C	-	In x 1.05
	: Frequencies against Electromagnetic Tripping		
	100Hz	-	In x 1.1
	200Hz	-	In x 1.2
	300Hz	-	In x 1.3
	400Hz	-	In x 1.4
	DC	-	In x 1.5

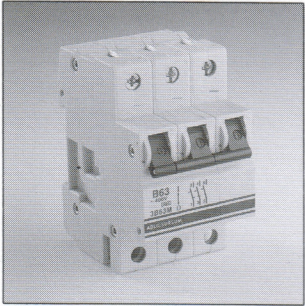
No. of Pole	In / A	Module Size		
		17.5 mm	Type B	Type C
1	0.3	1	-	1C03M
	0.5	1	-	1C05M
	0.75	1	-	1C075M
	1	1	-	1C1M
	1.6	1	-	1C1.6M
	2	1	-	1C2M
	2.5	1	-	1C2.5M
	3	1	-	1C3M
	3.5	1	-	1C3.5M
	4	1	-	1C4M
	6	1	1B6M	1C6M
	10	1	1B10M	1C10M
	16	1	1B16M	1C16M
	20	1	1B20M	1C20M
	25	1	1B25M	1C25M
	32	1	1B32M	1C32M
	40	1	1B40M	1C40M
50	1	1B50M	1C50M	
63	1	1B63M	1C63M	



2	0.3	2	-	2C03M
	0.5	2	-	2C05M
	0.75	2	-	2C075M
	1	2	-	2C1M
	1.6	2	-	2C1.6M
	2	2	-	2C2M
	2.5	2	-	2C2.5M
	3	2	-	2C3M
	3.5	2	-	2C3.5M
	4	2	-	2C4M
	6	2	2B6M	2C6M
	10	2	2B10M	2C10M
	16	2	2B16M	2C16M
	20	2	2B20M	2C20M
	25	2	2B25M	2C25M
	32	2	2B32M	2C32M
	40	2	2B40M	2C40M
50	2	2B50M	2C50M	
63	2	2B63M	2C63M	

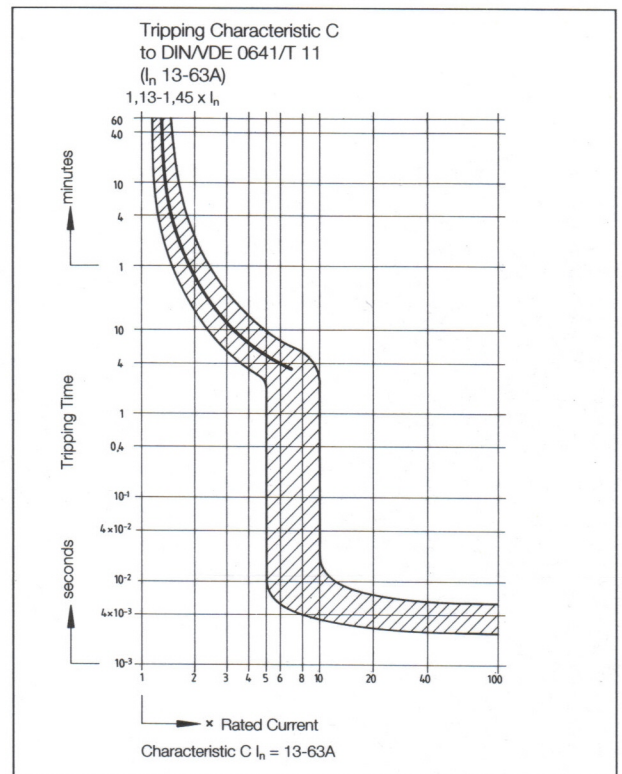
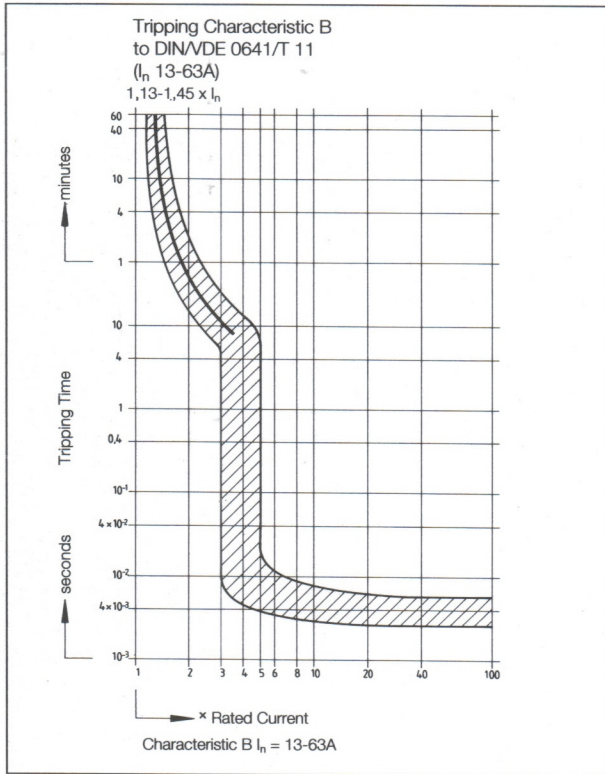


3	0.3	3	-	3C03M
	0.5	3	-	3C05M
	0.75	3	-	3C075M
	1	3	-	3C1M
	1.6	3	-	3C1.6M
	2	3	-	3C2M
	2.5	3	-	3C2.5M
	3	3	-	3C3M
	3.5	3	-	3C3.5M
	4	3	-	3C4M
	6	3	3B6M	3C6M
	10	3	3B10M	3C10M
	16	3	3B16M	3C16M
	20	3	3B20M	3C20M
	25	3	3B25M	3C25M
	32	3	3B32M	3C32M
	40	3	3B40M	3C40M
50	3	3B50M	3C50M	
63	3	3B63M	3C63M	



Miniature Circuit Breakers

Tripping Characteristics



Dimension of MCB's

