

RF1E A

Residual Current Circuit Breakers

Features

- ▶ Single module size with switched neutral line
- ▶ Protection against sinusoidal AC and pulsation DC leakage current
- ▶ 6 kA breaking capacity
- ▶ Simple replace MCB with RCBO in the same place
- ▶ Functionality on minimum supply voltage 90 V
- ▶ The terminals provide to use also time saving busbars
- ▶ Method of DIN rail mounting enables an easy removal of single RCBO without disconnecting units from busbars



Technical data	Symbol	Unit	RF1E A
Standards			IEC 61009-1
Approvals			SEMKO
Number of poles			2
Rated current	I_n	A	6, 10, 16, 20, 25, 32
Tripping characteristic			B, C
Rated voltage	U_n	V	230
Rated frequency	f	Hz	50
Rated residual operating current	$I_{\Delta n}$	mA	30
Rated insulation voltage		V	500
Type of residual current			A, AC
Residual tripping time		ms	< 100
Short circuit breaking capacity		kA	6
Selection category		kA	3
Electrical endurance		op.c.	4000
Back-up fuse gL/gG		A	100
Mechanical endurance		op.c.	10.000
Connecting clamps			Lug type
Connecting wires		mm ²	1 ... 10
Mounting			DIN rail EN 60715
Ambient air temperature		°C	-25 ... +40
Protection degree			IP20
Width		mm	18 (1-module)

RF11E A characteristics

Curve	Rated Current I_n (A)	Rated Voltage U_n (V)	UPC	Ordering No.	Weight (g)
B curve					
6 A	6	230	RF11E A B6/0.03	786.101.982	0.122
10 A	10	230	RF11E A B10/0.03	786.101.983	0.122
16 A	16	230	RF11E A B16/0.03	786.101.984	0.122
20 A	20	230	RF11E A B20/0.03	786.101.985	0.122
25 A	25	230	RF11E A B25/0.03	786.101.986	0.122
32 A	32	230	RF11E A B32/0.03	786.101.987	0.122
40 A	40	230	RF11E A B40/0.03	786.101.015	0.122
C curve					
6 A	6	230	RF11E A C 6/0.03	786.101.988	0.122
10 A	10	230	RF11E A C10/0.03	786.101.989	0.122
16 A	16	230	RF11E A C16/0.03	786.101.990	0.122
20 A	20	230	RF11E A C20/0.03	786.101.991	0.122
25 A	25	230	RF11E A C25/0.03	786.101.992	0.122
32 A	32	230	RF11E A C32/0.03	786.101.993	0.122
40 A	40	230	RF11E A C40/0.03	786.101.014	0.122

Dimensions

(mm)

