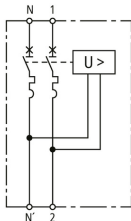


MCB+POP 20A 1P+N (900 749)

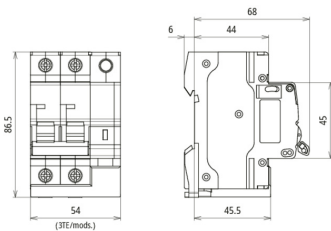
- Complete protection against power frequency overvoltages
- Compact design allows easy retrofitting
- Meets the requirements of EN 63052 (POP)



Figure without obligation



Basic circuit diagram MCB+POP 20A 1P+N



Dimension drawing MCB+POP 20A 1P+N

General

Type	MCB+POP 20A 1P+N
Part No.	900 749 NEW
Tightening torque	4 Nm
Stripping length	10 mm
Cross-sectional area (min.)	2.5 mm ² solid / fine-stranded
Cross-sectional area (max.)	35 mm ² stranded / 25 mm ² fine-stranded
Degree of protection	IP 20
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material	Thermoplastic, grey, UL 94 V-0
Operating temperature range	-25°C to +60°C
Installation point	Indoor
Approvals	CE
Dimensions	3 Standard DIN module, DIN 43880

POP

Type	MCB+POP 20A 1P+N
Part No.	900 749 NEW
Tested to	IEC EN 63052:2021-08
Nominal AC voltage [L-N] (U _N)	230 V
Nominal AC voltage [L-L] (U _N)	400 V
Maximum tripping time [U _a = 255 V] (t _A)	No tripping
Minimum non-tripping time [U _a = 255 V] (t _A)	No tripping
Maximum tripping time [U _a = 275 V] (t _A)	15 sec.
Minimum non-tripping time [U _a = 275 V] (t _A)	3 sec.
Maximum tripping time [U _a = 300 V] (t _A)	5 sec.
Minimum non-tripping time [U _a = 300 V] (t _A)	1 sec.
Maximum tripping time [U _a = 350 V] (t _A)	0.75 sec.
Minimum non-tripping time [U _a = 350 V] (t _A)	0.25 sec.
Maximum tripping time [U _a = 400 V] (t _A)	0.2 sec.
Minimum non-tripping time [U _a = 400 V] (t _A)	0.07 sec.
LED indication	OK (green) / Error (red)

MCB	
Type	MCB+POP 20A 1P+N
Part No.	900 749 
Tested to	EN 60898, EN 60947-2
Tripping characteristic	C
Rated switching capacity (I _{cn}) acc. to EN 60898	6 kA
Rated switching capacity (I _{cn}) acc. to EN 60947-2	10 kA
Nominal AC voltage (U _N)	230 / 400 V
Nominal frequency (f _N)	50 / 60 Hz
Version	1 + N
Nominal alternating current (I _L)	20 A
Energy limitation class	3
Rated impulse withstand voltage	6.2 kV
Electromechanical service life	20,000 cycles
Contact position indication	Yes
Contact position indication	Yes (green / red)
Weight	294 g
Customs tariff number (Comb. Nomenclature EU)	85363030
GTIN	4013364559486
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.