

PERMANENT AND TRANSIENT OVERVOLTAGES POP + SPD



COMBI-PT12,5/50

Protector against **permanent and transient overvoltages**.

Single-phase and three-phase.

Type 1+2.



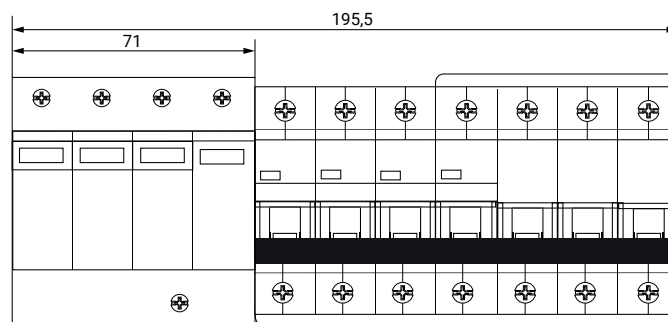
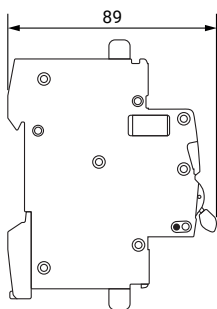
COMBI-2PT12,5/50



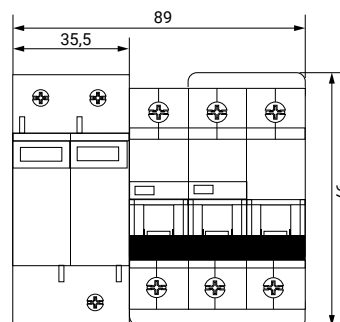
COMBI-4PT12,5/50

DATASHEET

Dimensions



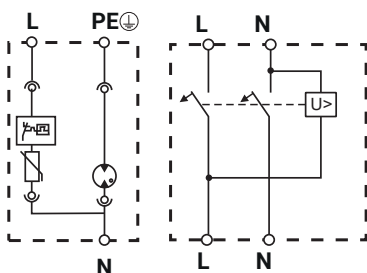
COMBI-4PT12,5/50



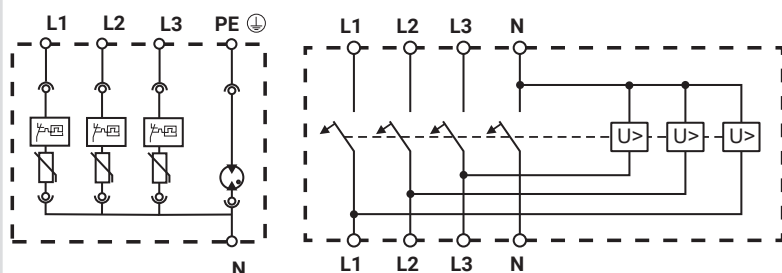
COMBI-2PT12,5/50

Electrical diagrams

COMBI-2PT12,5/50



COMBI-4PT12,5/50



PERMANENT AND TRANSIENT OVERVOLTAGES POP + SPD



Technical specifications

	COMBI-2PT12,5/50	COMBI-4PT12,5/50
GENERAL	Rated voltage Un (L-N / L-L)	230 VAC
	Maximum voltage Uc (L-N / N-PE)	255 VAC / 320 VAC
	Frequency	50-60 Hz
	Consumption	0.1 W
	Maximum terminal cross-section	25 mm ²
	Tightening torque	2.5 Nm
	Environmental limits	-20° +70° C / 80% R. H.
	Degree of protection	IP20
	Mounting	Rail DIN 35
	No. of DIN modules	5
	Dimensions (width x height x depth)	89 x 97 x 89 mm
	Approx. average weight	540 g
	Approx. packed weight	600 g
PERM.	Disconnection voltage	
	Overvoltage response time	according to EN IEC 63052
MCB	Rated current (At 25 °C, ambient temperature)	16-20-25-32-40-50-63 A
	Curve	C
	Breaking Capacity I _{cn}	10 kA
TRANSIENT	Protection level Up (L-N / N-PE)	<1.5 kV
	Impulse current (10/350 μs) I _{imp} (L-N / N-PE)	12.5 kA / 25 kA
	Maximum discharge current (8/20μs) I _{max} (L-N / N-PE)	50 kA / 100 kA
	Rated discharge current (8/20μs) I _n (L-N / N-PE)	20 kA / 25 kA
	Type	1+2
	Overvoltage response time	≤25 ns
COMPLIANCE	Directives	2014/35/UE (LVD) 2014/30/UE (EMC) 2011/65/UE (RoHS)
	Standards	EN 61643-11+A11 EN IEC 63052



Models

COMBI-2PT12,5/50

Code	Reference
10003023	COMBI-2P16T12,5/50
10003024	COMBI-2P20T12,5/50
10003025	COMBI-2P25T12,5/50
10003026	COMBI-2P32T12,5/50
10003027	COMBI-2P40T12,5/50
10003028	COMBI-2P50T12,5/50
10003029	COMBI-2P63T12,5/50

Scan for more
information:



COMBI-4PT12,5/50

Code	Reference
10003030	COMBI-4P16T12,5/50
10003031	COMBI-4P20T12,5/50
10003032	COMBI-4P25T12,5/50
10003033	COMBI-4P32T12,5/50
10003034	COMBI-4P40T12,5/50
10003035	COMBI-4P50T12,5/50
10003036	COMBI-4P63T12,5/50

Scan for more
information:

