

Technical data sheet

CombiController V50 base

Item number: 5096675



Technical data

Arrester surge current (8/20 µs) [total]	50 kA
Response time	<25 ns
Blow-out	no
Version for	3+NPE base
Pole version	3+N/PE
Structural width in division units (division unit, 17.5 mm)	3
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Lightning surge current (10/350 µs) [N/PE]	50 kA
Lightning surge current (10/350)	50 kA
Remote signalling	no
Maximum continuous voltage (N-PE)	255 V
Maximum continuous voltage AC	280 V
Integrated back-up fuse	no
Conductor cross-section, rigid (single-wire/multiwire), max.	35 mm ²
Conductor cross-section, rigid (single-wire/multiwire), min.	2.5 mm ²
Lightning protection zone LPZ	0→2
Max. mains-side overcurrent protection	125
Maximum back-up fuse	125 A
Maximum discharge current (8/20 µs)	50 kA
Installation type	DIN rail 35 mm
Nominal discharge current (8/20 µs) [N-PE]	50 kA
Nominal voltage AC (50/60 Hz)	230 V
Network form	Other
DC network form	no
IT network form	no
Other network form	no
TN network form	yes
TN-C network form	yes
TN-C-S network form	yes
TN-S network form	yes
TT network form	yes
Pole number	3
Protection rating	IP20
Protection level	≤1,3 kV
Protection level [L-N]	≤1,3
Protection level [N-PE]	1.5 kV
Signalling on device	Visual
SPD to EN 61643-11	Type 1+2
SPD to IEC 61643-1	Class I+II
Permitted temperature range, max.	80 °C
Permitted temperature range, min.	-40 °C