

V-CHECK 4RPT

Power Frequency Overvoltage Protection Devices
SPD+POP



General Data

Internal configuration	3+1
No. Poles	4-Pole
No. poles + configuration	4 Poles, 3P+N
No. DIN rail modules	4
Network configuration	TT, TNS
IEC SPD Type	Class II
EN SPD Type	Type 2
Protection Modes	L-N / N-PE
Product standards	EN 61643-11



PART NUMBERS

V-CHECK 4RPT

77706415

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

Maximum continuous operating voltage (AC) - Uc (L-N) [V]	400
Maximum continuous operating voltage (AC) - Uc (N-PE) [V]	255
Nominal voltage AC 50-60 Hz - Un [V]	230/400
Nominal voltage AC 50-60 Hz - Un(L-L) [V]	400
Nominal voltage AC 50-60 Hz - Un(L-N) [V]	230
Nominal discharge current (8/20) - In (L-N) [kA]	15
Max Discharge Current (8/20) - I _{max} (L-N) [kA]	40
Voltage protection level at In - Up (L-N) [kV]	≤1,8
Voltage protection level at In - Up (N-PE) [kV]	≤1,8
Response time - t _A (L-N) [ns]	≤25
Response time - t _A (N-PE) [ns]	≤100
Dynamic thermal disconnection	Yes

POWER FREQUENCY OVERVOLTAGE PROTECTOR (POP)

Actuation method	Shunt release
Test button	Yes

Limit values for response and non-response times according to UNE-EN 50550:

Voltagess (V)	255	275	300	350	400
Maximum break time (s)	No tripping	15	5	0,75	0,20
Minimum non-actuating time (s)		3	1	0,25	0,07

MECHANICAL AND ENVIRONMENTAL FEATURES

Temperature range [°C]	-5 ... 40
Humidity range [%]	5 ... 95
Indication System Type	LED
Housing color	Grey RAL 7035
Enclosure - IP	IP20
Solid conductor cross section	6...35 mm ²
Stranded conductor cross section	6...25 mm ²

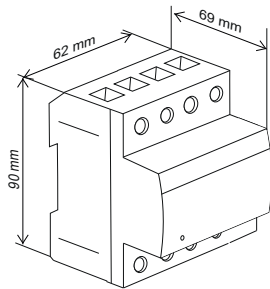
DATASHEET

This document is subject to change at any time without notice www.cirprotec.com | Lepanto 49 · 08223 Terrassa, Barcelona Spain © 2024 Cirprotec SLU | All rights reserved

cirprotec

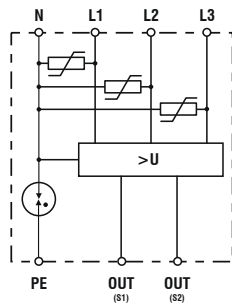
V-CHECK 4RPT

DIMENSIONS AND WEIGHT



Net Weight [kg]	0.35
Gross weight [kg]	0.394
Packaging dimensions (H x W x L) [mm]	117 × 78 × 90

INTERNAL CONFIGURATION



DATASHEET