

V-CHECK 4RC

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

XXX	4RC
V-CHECK XXX	77706417
V-CHECK XXX IR (with Remote Indication)	77706418

POWER FREQUENCY OVERVOLTAGE PROTECTOR (POP)

V-CHECK XXX , V-CHECK XXX IR (with Remote Indication)	4RC
Actuation method	Contactur
Test button	Yes

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

Voltagés (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

SURGE PROTECTION DEVICE (SPD) - IEC TECHNICAL FEATURES

V-CHECK XXX , V-CHECK XXX IR (with Remote Indication)	4RC
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

DATASHEET

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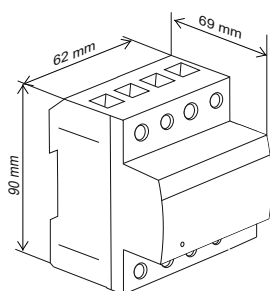
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MECHANICAL AND ENVIRONMENTAL FEATURES

V-CHECK XXX , V-CHECK XXX IR (with Remote Indication)	4RC
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

DIMENSIONS AND WEIGHT



V-CHECK XXX V-CHECK XXX IR (with Remote Indication)	4RC
Net Weight [kg]	0.366
Gross weight [kg]	0.41
Packaging dimensions (H x W x L) [mm]	117 × 78 × 90

INTERNAL CONFIGURATION

