Electrical characteristics

Types of networks
TT - TNS
Number of poles
4
Type / test class
T2 / II
Type of current
A.C.
Nominal voltage Un
V 230 / 400
Maximal continuous operating voltage Uc (L-N / N-PE)
V 320 / 255
Voltage protection level Up at In (L-N / N-PE)
kV 1.8 / 1.4
Voltage protection level Ures at 3 kA (L-N / N-PE)
kV 1.0 / 1.0
Voltage protection level Ures at 5 kA (L-N / N-PE)
kV 1.0 / 1.0
Nominal discharge current In (8/20)
kA 30
Maximal discharge current Imax (8/20)
kA 70
TOV withstand Ut (L-N : 5s / N-PE : 200ms)
V 340 / 1200
Follow current If  (L-N / N-PE)
A None / 100
Response time
ns 25
Operating current Ic
mA < 1
Short circuit withstand Icc
kA 50
Degree of protection
IP 20
Disconnector
Curves C Circuit breaker
A <125
gG - gL fuse
A <125

Mechanical characteristics

Wire range
Solid wire
mm² 2.5…25
Stranded wire
mm² 2.5…16
Stripping length
mm 12.5
Tightening torque
Nm 2
Overall dimensions
Length
mm 64
Width
mm 72
Height
mm 93
Integrated thermal disconnector
Yes
State indicator
Yes
Safety reserve
Yes
TS remote indicator
No
Contact complement
/
Minimal load
/
Maximal load
/
Connection cross section
mm² /

Miscellaneous characteristics

Stocking temperature
°C - 40 to +80
Operating temperature
°C - 40 to +80
Maximal altitude
m 2000
Weight
g 500
Color of Housing
PC grey RAL 7035
Fire resistance according to UL 94
V0
Reference standards
GB 18802.1 / IEC 61643-1

Replacement cartridges
Phase
OVR BT2 70-320s C
2TAM 1002 00 R 55 10
Neutral
OVR BT2 70 N C
2TAM 1003 00 R 53 00