



# OVR BT2 3N-20-440 P TS

Order code : 2TAM 1031 00 R 38 01  
EAN code : 6 940 342 27315 8

## Pluggable Unit

### 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 U <sub>c</sub> (L-N / N-PE)	V	440 / 255
Voltage protection level U <sub>p</sub> at I <sub>n</sub> (L-N / N-PE)	kV	1.5 / 1.4
Voltage protection level U <sub>res</sub> at 3 kA (L-N / N-PE)	kV	1.3 / 1.0
Voltage protection level U <sub>res</sub> at 5 kA (L-N / N-PE)	kV	1.4 / 1.0
Nominal discharge current I <sub>n</sub> (8/20)	kA	20
Maximal discharge current I <sub>max</sub> (8/20)	kA	40
TOV withstand U <sub>t</sub> (L-N : 5s / N-PE: 200ms )	V	400 / 1200
Follow current I <sub>f</sub> (L-N / N-PE)	A	None / 100
Response time	ns	25
Operating current I <sub>c</sub>	mA	< 1
Short circuit withstand I <sub>cc</sub>	kA	50
Degree of protection		IP 20
Disconnecter		
Curve C Circuit breaker	A	<125
gG - gL fuse	A	<125

### Mechanical characteristics

Wire range		
Solid wire	mm <sup>2</sup>	2.5...25
Stranded wire	mm <sup>2</sup>	2.5...16
Stripping length	mm	12.5
Tightening torque	Nm	2
Overall dimensions		
Length	mm	65
Width	mm	72
Height	mm	95
Integrated thermal disconnecter		Yes
State indicator		Yes
Safety reserve		No
TS remote indicator		Yes
Contact complement		1NO – 1NC
Minimal load		12VDC – 10mA
Maximal load		250VAC – 1A
Connection cross section	mm <sup>2</sup>	1.5

### 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 20-440 C	2TAM 1002 00 R 38 00
Neutral	OVR BT2 70 N C	2TAM 1003 00 R 53 00

