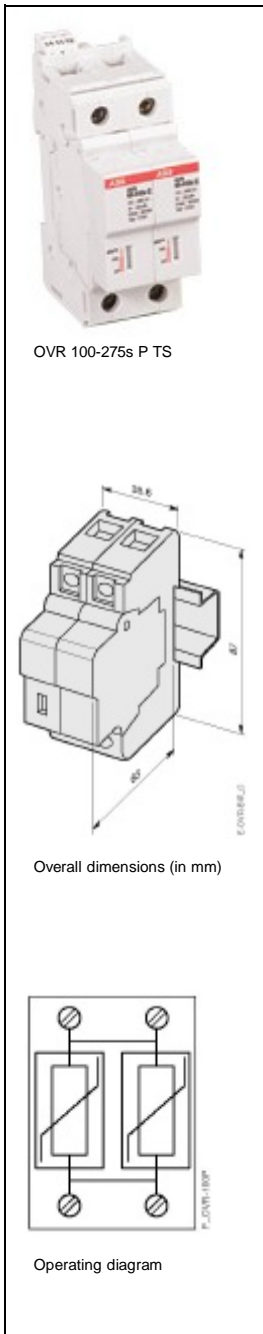




OVR 100-275s P TS

Order code : 2CTB 8138 50 R 02 00



Pluggable Unit

Electrical characteristics

Types of networks		TNC - TNS - TT
Number of poles		1
Type / test class		T2 / II
Type of current		A.C.
Nominal voltage U_n	V	230
Maximal continuous operating voltage U_c	V	275
Voltage protection level U_p at I_n	kV	1.2
Nominal discharge current I_n (8/20)	kA	30
Maximal discharge current I_{max} (8/20)	kA	100
TOV withstand U_t (5s.)	V	340
Follow current I_f	A	None
Operating current I_c	mA	< 1
Short circuit withstand I_{cc}	kA	25
Degree of protection		IP 203
Disconnecter		
gG - gL fuse	A	50
curve C circuit breaker	A	40 to 63

Mechanical characteristics

Wire range L/N		
solid wire	mm	2.5 ... 25
stranded wire	mm	2.5 ... 16
Stripping length L/N	mm	12.5
Tightening torque L/N	Nm	2
Wire range PE		
solid wire	mm	2.5 ... 25
stranded wire	mm	2.5 ... 16
Stripping length PE	mm	12.5
Tightening torque PE	Nm	2
Integrated thermal disconnecter		Yes
State indicator		Yes
Compatibility with OVR Sign		Yes
Safety reserve		Yes
TS remote indicator		Yes

Miscellaneous characteristics

Stocking temperature	°C	-40 to +80
Operating temperature	°C	-40 to +80
Maximal altitude	m	2000
Weight	g	300
Material of Housing		PC grey RAL 7032
Fire resistance according to UL 94		V2
Reference standards		IEC 61643-1 / EN 61643-11
Certifications		cULus - SABS - GOST

Wiring schematics

