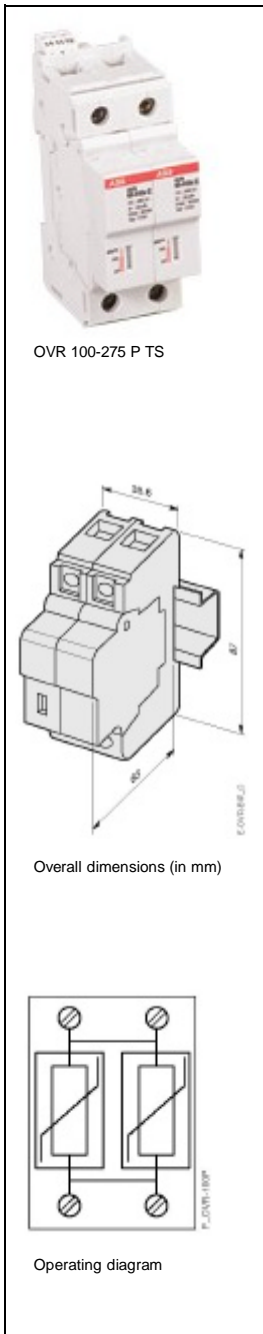




OVR 100-275 P TS

Order code : 2CTB 8138 50 R 04 00



Pluggable Unit

Electrical characteristics

Types of networks	
Number of poles	
Type / test class	
Type of current	
Nominal voltage U_n	V
Maximal continuous operating voltage U_c	V
Voltage protection level U_p at I_n	kV
Nominal discharge current I_n (8/20)	kA
Maximal discharge current I_{max} (8/20)	kA
TOV withstand U_t (5s.)	V
Follow current I_f	A
Operating current I_c	mA
Short circuit withstand I_{cc}	kA
Degree of protection	
Disconnecter	
gG - gL fuse	A
curve C circuit breaker	A

TNC - TNS - TT

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

Mechanical characteristics

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

solid wire	2.5 ... 25
stranded wire	2.5 ... 16
Stripping length L/N	12.5
Tightening torque L/N	2
solid wire	2.5 ... 25
stranded wire	2.5 ... 16
Stripping length PE	12.5
Tightening torque PE	2
Integrated thermal disconnecter	Yes
State indicator	Yes
Compatibility with OVR Sign	Yes
Safety reserve	No
TS remote indicator	Yes

Miscellaneous characteristics

Stocking temperature	°C
Operating temperature	°C
Maximal altitude	m
Weight	g
Material of Housing	
Fire resistance according to UL 94	
Reference standards	
Certifications	

Stocking temperature	-40 to +80
Operating temperature	-40 to +80
Maximal altitude	2000
Weight	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

