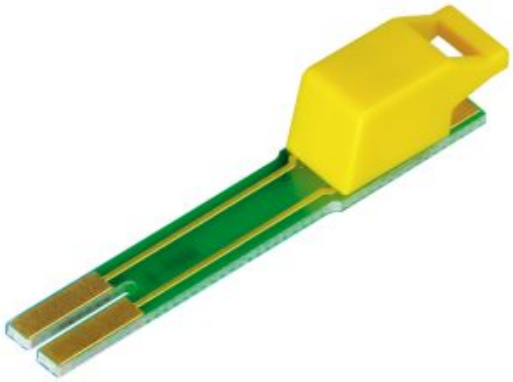
Fiche technique R302977

Fiche de protection PTC 130 mA, courte



PRODUCT_IMAGE

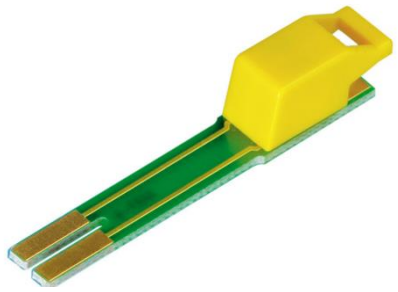
DESCRIPTION

Fiche de protection 1 paire avec éléments de protection contre les surintensités PTC réversibles et contact de test. Convient pour les modules de déconnexion VS Compact et normalement ouverts.

DONNÉES TECHNIQUES

DESCRIPTION	VALEUR / PLAGE DE VALEURS
Nombre de paires	1
Classe de protection IP	IP 20
Système VS	VS Compact

Protection Plug PTC 130 mA



1-pair protection plug with reversible PTC overcurrent protection elements and test contact. Suitable for VS Compact disconnection and normally open modules.

Fig. similar

Part Number	Device Mounting Layout	I_{hold} (A)	I_{trip} (A)	V_{max} (V_{int}/V_{op})	I_{max} (A)	P_d typ. (W)	Time to Trip at 1A		Resistance			Agency Approvals
							Typical (Sec.)	Maximum (Sec.)	R_{min} (Ω)	R_{max} (Ω)	R_{1max} (Ω)	
250S130V	Vertical	0.13	0.26	250/60	3	1.2	2.0	4.0	4	13	20	–

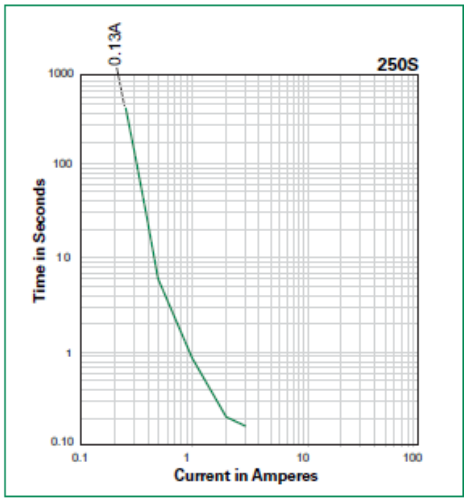
I_{hold} = Hold current: maximum current device will pass without tripping in 20°C still air.
I_{trip} = Trip current: minimum current at which the device will trip in 20°C still air.
V_{int} = Maximum voltage the device can withstand without damage at rated current (I max)
V_{op} = The device regular operation voltage
I_{max} = Maximum fault current device can withstand without damage at rated voltage (V_{max})
P_d = Power dissipated from device when in the tripped state at 20°C still air.

R_{min} = Minimum resistance of device in initial (un-soldered) state.
R_{max} = Maximum resistance of device in initial (un-soldered) state.
R_{1max} = Maximum resistance of device at 20°C measured one hour after tripping.
Caution: Operation beyond the specified rating may result in damage and possible arcing and flame.

Temperature Rerating

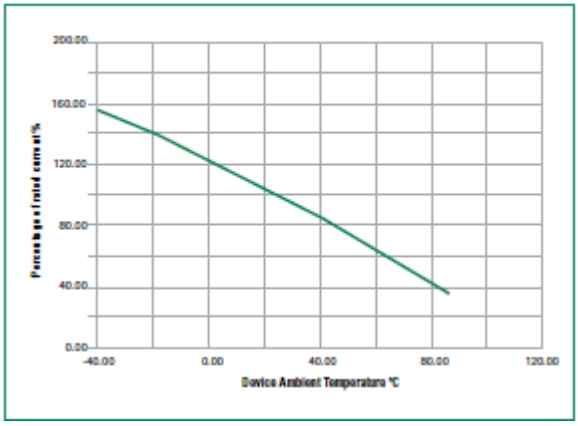
	Ambient Operation Temperature								
	-40°C	-20°C	0°C	20°C	40°C	50°C	60°C	70°C	85°C
Part Number	Hold Current (A)								
250S130	0.21	0.19	0.17	0.13	0.11	0.10	0.09	0.07	0.05

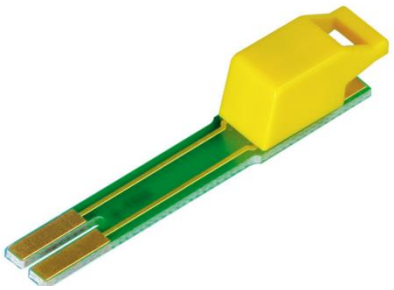
Average Time Current Curves



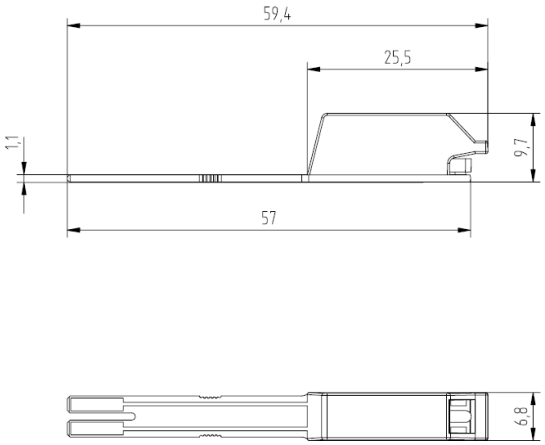
The average time current curves and Temperature Rerating curve performance is affected by a number or variables, and these curves provided as guidance only. Customer must verify the performance in their application.

Temperature Rerating Curve

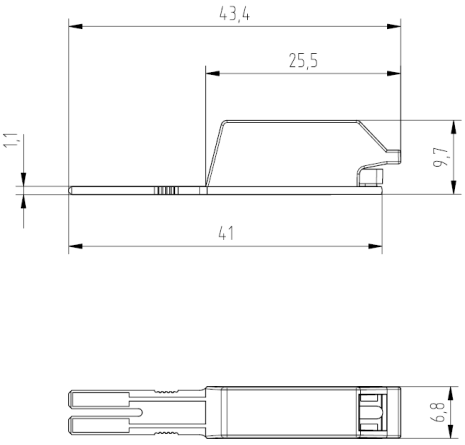




P/N 300063 Protection Plug PTC 130 mA



P/N 302977 Protection Plug PTC 130 mA, short



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