

Datasheet

Overvoltage arrester P-VMS



Article number
P-VMS 280 1 pole:
662010

P-VMS are single or quadrupole overvoltage arresters with a rating of class C according to DIN VDE 0675. The P-VMS 280 arrester is designed for the protection of systems against transient overvoltages, resulting e.g. from distant lightning strikes. It is used in 400/230V low voltage systems.

- Consist of module units
- Space-saving width 17,5 mm = 1 module
- Easy mounting on 35 mm DIN rail
- Larm connector (P-VMS 280 Fm)



Article number
P-VMS 280 Fm 1 pole
with larm connector:
662020

Nominal voltage:	U_n	250 V
Max. continuous operating voltage:	$U_{\sim \max}$	280 V
	$U_{- \max}$	350 V
Class requirements according to VDE 0675, part 6, Draft 11.89 or ÖVE-SN 60 part 1/1990	C	
Nom. discharge impulse current (8/20):	I_n	20kA
Max. discharge current (8/20):	I_{\max}	40kA
Discharge current:	$I = 5kA$	$\leq 1.0kV$
	$I_n = 15kA$	$\leq 1.3kV$
	$I_{\max} = 40kA$	$\leq 1.9kV$
Response time:	< 25ns	
Max. back-up fuse:	125A gL	
Short-circuit strength:	50 kA	
Wire range:	2,5 – 50 mm ²	
Assembly:	DIN-rail TS35	
Housing material:	Thermoplast GF, color read	
Temperature range:	-40°C to +75°C	
Dimensions:	90 x 17,5 x 68mm	
Alarm connector (only article 662020):	230V 0,5A	
Wire range larm connector:	max. 1,5 mm ²	