

# Datasheet

## Overvoltage arresters P-HMS



Article number  
P-HMS 280 1 pole:  
662030

P-HMS are single or quadrupole overvoltage arresters with a rating of class C according to DIN VDE 0675. The P-HMS 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)
- Optical indication of error



Article number  
P-HMS 280 Fm 1 pole  
with larm connector:  
662040

Nominal voltage:		$U_n$	230 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		B	
Nom. discharge impulse current	(8/20)	$I_n$	35kA
Max. discharge current	(8/20)	$I_{\max}$	60kA
Max. avledningsström	(10/350)	$I_{\text{imp}}$	8kA
Discharge current:		$I_n = 5kA$	$\leq 1.0kV$
		$I_n = 15kA$	$\leq 1.3kV$
Response time:		< 25ns	
Max. back-up fuse:		125A gL	
Short-circuit strength:		50 kA	
Wire range:		2,5 – 35mm <sup>2</sup>	
Assembly:		DIN-rail TS35	
Housing material:		Thermoplast, color red	
Temperature range:		-40°C till +75°C	
Dimensions:		90 x 17,5 x 68mm	
Larm connector (avser artikel 662040):		230V 0,5A	
Wire range larm connector:		max. 1,5mm <sup>2</sup>	