



Dimension

- Surge arrester for low-voltage power supply system protection against surges at the boundaries from lightning protection zone 0 -2

Type	PAM - *** - BX ** *P*	
	275	420
In accordance with	IEC61643-1	
Category IEC	B	
Max. continuous operating voltage V(AC/DC)	275 /350	420/560
Nominal discharge current(8/20) In	to 40kA (total 120kA)	
Max. discharge current(8/20) I _{max}	to 80kA (total 150kA)	
Lightning impulse current(10/350) I _{imp}	25kA (total 100kA)	
Voltage protection level @In	<1.4kV	<2.1kV
Response time (L-PE / N-PE)	<25 ns / <100 ns	
Follow current	No	
Backup fuse(only required if not already provided in mains)	315A gL/gG	
Operating temperature range	- 40C° ~ + 80C°	
Cross-section of connection wire	Single-strand 35mm ² ; multi-strand 25mm ²	
Mounting	35mm DIN-rail in accordance with EN 50022/DIN46277-3	
Max. Size of connecting wire	Max. 1.5mm ² (or # 16AWG)	
Enclosure material	thermoplastic; extinguishing degree UL94 V-0	
Degree of protection	IP20	
Installation width	4 modules, DIN 43880	

