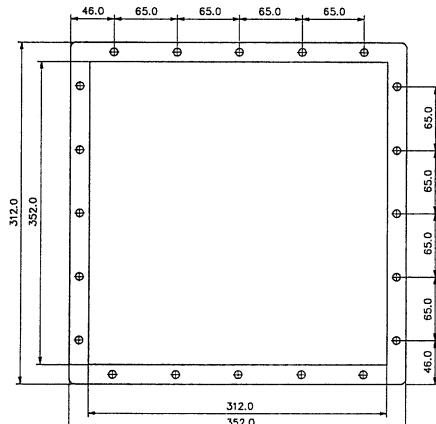


MAINS INFEED CASE ARRESTER CONTROL

Protective equipment against direct lightning stroke and NEMP threats

- Horizontal protective equipment against lightning and NEMP VG96903 –77 /-79
- IT device EN 60950
- On vehicles or in transportable work rooms HD 60364-7-717
- For unshielded, shielded and IT-safe systems
- Lightning current arrester Type 1 DIN EN 61643-11
- Arrester control: visual or via telecommunication
- Simple arrester test with removable front plate and inserted arrester
- Protection VG 96907
- Conductive connection to the standard cut-out via composite seal
- IP standard II HD 60364-4-41
- Fits standard cut-out A in FM cabins (other measures on request)
- Connections for lightning protection ground and lightning protection potential equilisation M10 wing nuts
- Connection for potential equilisation in cabin (inside) star knob M8
- Standard colour: RAL 6031
other RAL colours and bicolored (inside / outside) possible



Standard cut-out A

MAINS INFEED CASE ARRESTER CONTROL

Technical data

Nominal power	400V~	440V~	208V~
Nominal frequency	50Hz-60Hz	60Hz	400Hz
Polarizing key	6h	11h	2h
No. of contacts		5	
Net		any	
Nominal current		16A / 32A / 63A	
Plug input		EN 60309 / VG 96919	
Protection class		II	
IP-protection		IP 54 to IP67	
Temperature range		-40 °C to + 55 °C	
Climatic zones		AECTP 200 (STANAG 2895) A1, A2, A3, B1, B2, C0, C1	
Shock		Mil Std 810F Method 516.5 30g 11ms	
Vibration		Mil Std 810F Method 514.5 Ground Vehicles	
Arrester control		window (green / red) telecommunication (potential-free contact changer)	
Version	unshielded	shielded	IT-safe
Output monitoring	cable 2m / plug cable 2m / plug	cable 2m / plug cable 2m / plug	NEMP hose NEMP hose
Attenuation of shielding Mil Std 285	¹⁾	60dB 100kHz-1GHz	80dB 10kHz-10GHz ²⁾
Lightning test VG 96903-77		Requirements high 100kA 10/350µs 50As 2.5MJ/Ω	
NEMP test VG 96903-79	¹⁾		50kV 5ns 0.5kA ³⁾

1) NEMP protection and attenuation of shielding not for unshielded systems

2) Other frequencies and attenuation on request

3) Residual impulse with interstage transformer

Accessories

- Arrester control adapter (monitoring via plug)
Battery-powered LED display unit on telecommunication contact of the arrester
- Arrester testing equipment
Automatic testing of arrester elements and documentation of the test results
- Pullout equipment
Simple pullout of the arrester elements from the plug base