



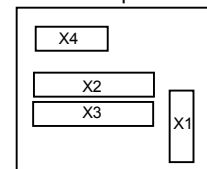
Data of surge arrester

Nominal spark-over voltage DC:	230 V, tolerance $\pm 20\%$
Spark-over voltage DC:	(184 – 550) V
Typical value of distribution:	< 450 V at 1 kV/ μ S
Nominal impulse discharge current:	20 kA
Nominal alternating discharge current:	10 A
Insulation resistance:	$\geq 10^{10} \Omega$ at 100 V
Capacity C:	< 1.5 pF


Data of connector pins

PE-connector pins (X1)		
Cross section:		fine wire up to 10 mm ² , single wire up to 16 mm ²
Ampacity:		fine wire up to 61 A, single wire up to 82 A
Screw pin (X2/X3)		loop connection; detector connection
Cross section:		fine wire and single wire up to 2.5 mm ²
Ampacity:		12 A
Ribbon cable(X4)		detector connection
8-pin, twisted (e.g. 3M Type 1700)		
Cross section:		28 AWG
Ampacity:		1 A

connector pins



□ Technical Data

Nominal voltage (U_n)	48 V - / 24 V ~
Series resistance	$\approx 0 \Omega$
Impedance	$\approx 0 \Omega$
Conductor distance	> 2.5 mm
Thickness of copper of conductor	100 μ m
Material of conductor	FR-4
Thickness of conductor	1.5 mm
Material of enclosure	Polyamide 6.6, colour green
Deformation resistance	continual 100°C
Assembly	on DIN-rail /  all common DIN EN-rails
Dimensions	length: 77 mm; width: 67.5 mm, height: 32 mm