

Surge Arrester f.60mm System 3+1, AX, TT/TN-S, Class 1+2(BC)

with auxiliary contact, Max. continuous voltage AC 300VAC, Rated discharge current 20kA, pluggable



Technical Data

Test class	TI+TII/B+C
Circuit	3+1
Max. continuous voltage AC (VAC)	300
Lightning surge current rating (kA)	12,50/50
Rated discharge current (kA)	20/80
Max. discharge current (kA)	50/100
Voltage protection level (kV)	1,5
Remote contact	yes
Rated voltage	240VAC
Short circuit withstand	25 kA
Specific Energy (kJ/Ω)	39/625
Charge (As)	6,25/25
Response Time (ns)	<25/<100
Overcurrent Protection (max) (A gG)	315
TOV Withstand 5s (L-N) (V)	337
TOV SafeFail 120min (L-N) (V)	442

Technical Data - continued

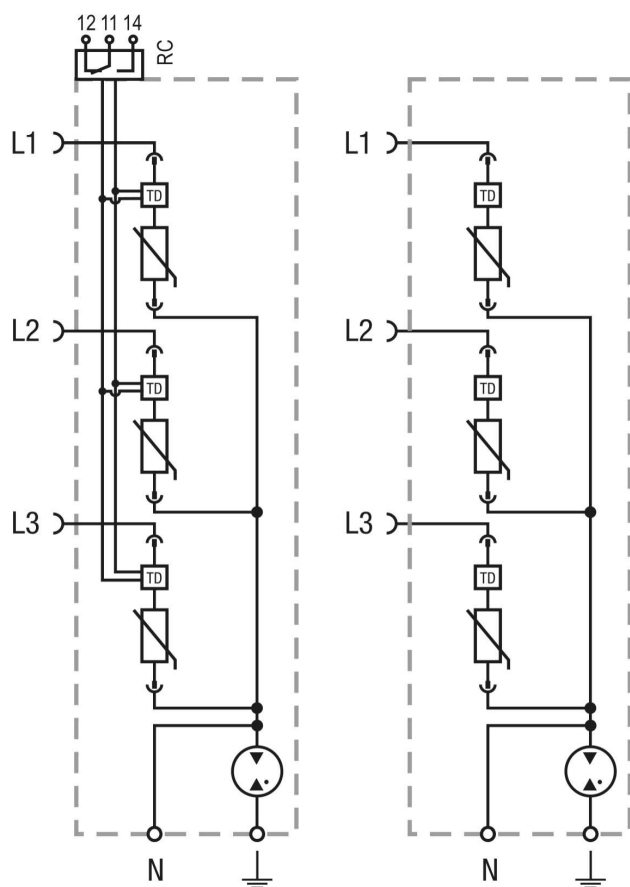
TOV Withstand 200ms (N-PE) (V)	1200
Follow Current Interrupt Rating (A)	100
Leakage current free	Yes

Mechanical conditions

Operating Temperature Range	T _a	-40°C to +85°C
Permissible Operating Humidity	RH	5% ... 95%
Pollution Degree		2
Altitude (max)		4000m
Terminal Screw Torque	M _{max}	PH2/4, 5Nm
Conductor Cross Section (max)		35mm ² (Solid, Stranded)/25mm ² (Flexible) 2 AWG (Solid, Stranded)/4 AWG (Flexible)
Mounting		60mm Busbar Systems Width: 12, 15, 20, 25, 30mm Thickness: 5mm, 10mm (with removed spacers)
Degree of Protection		IP 20*
Housing Material		Thermoplast: Extinguishing Degree UL94 V-0
Operating State/Fault Indication		Green Flag/Not Green Flag
Remote Contacts (RC)		Optional
RC Switching Capacity		AC: 250V/1A, 125V/1A; DC: 48V/0.5A, 24V/0.5A, 12V/0.5A
RC Conductor Cross Section (max)		1.5mm ² (Solid)/ 16AWG (Solid)

* IP40 (in combination with cover)

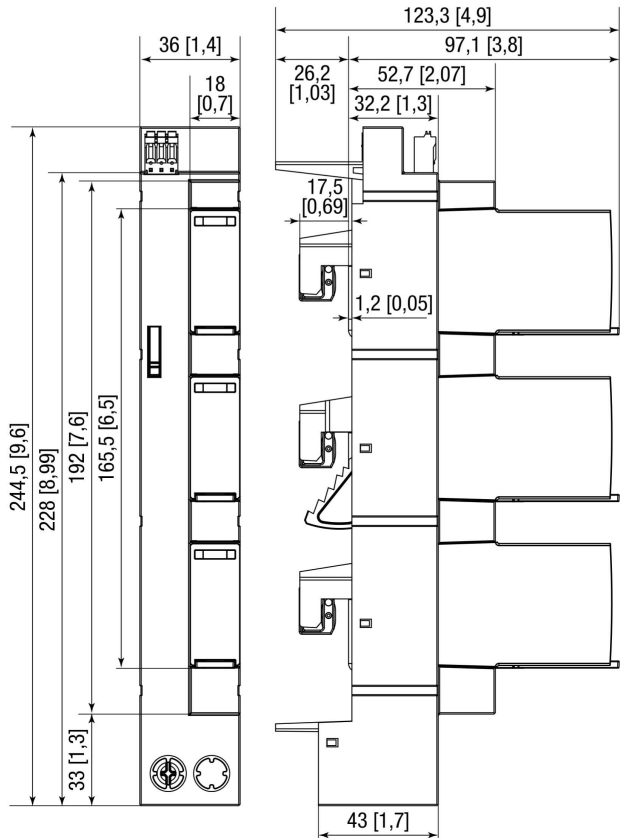
Circuit diagram IS254111--



Legend

L	Line Busbar Terminal
	PE Conductor Terminal
N	Neutral Conductor Terminal
RC	Remote Contacts Terminal (Optional)
TD	Thermal Disconnecter

Dimension diagram IS254111--



DESCRIPTION	Order No.
Surge Arrester f.60mm System 3+1, AX, TT/TN-S, Class 1+2(BC) with auxiliary contact, Max. continuous voltage AC 300VAC, Rated discharge current 20kA, pluggable	IS254111