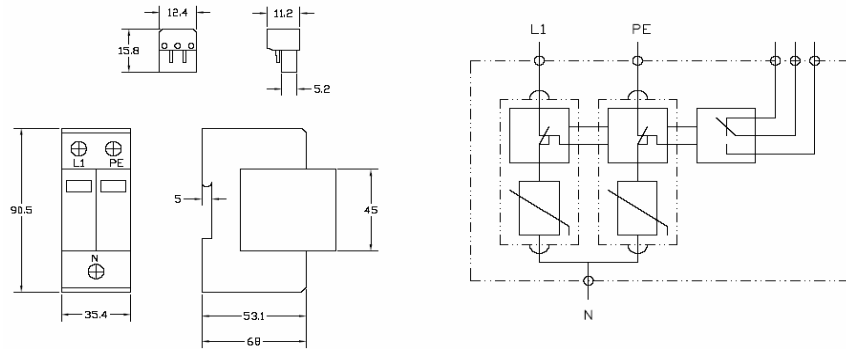


DRS23020



Electrical Characteristics

System Voltages	230V Single Phase (L, N, & G)	
Type of Network	TT-TN	
Modes of Protection	L-N & N-PE	
Modes of Protection	(x2) MOV Modules	
Nominal Voltage	U_n	230V
Rated Voltage (MCOV)	U_c	380V
Nominal Discharge Current (8 x 20 μ s)	I_n	20kA
Maximum Discharge Current	I_{max}	40kA
Voltage Protection Level	U_p	1.6 kV
Response Time	T_s	25 ns
Relative Humidity		95%
Isolation Resistance	R_{isol}	$>10^3 M\Omega$

Test Standards

EN 61643-11	Type 2
IEC 61643-1:1998-02	Class I & II

Mechanical Characteristics

Dimension: (Length x Width x Height)	See Drawing
I/O Connections	By Screw Terminal: 4-25mm ² By Connection Bus
MOV Encapsulation Material	Epoxy Resin
Disconnection Indicator	Mechanical Indicator
Status Monitoring	Remote Alarm Terminals
Mounting	Symmetrical Rail (EN50022/DIN46277-3)
Operation Temperature Range	-40°C ~ +85°C
Degree of Protection	IP20
Disconnection Device	Thermal Cutoff System
Housing Material	ABS / PA UL94V0