

Surge Protection Device



Application

AC/DC distribution
Power supplies
Industrial automation
Telecommunications
Motor controls systems
PLC applications
Power transfer equipment
HVAC applications
AC drives
UPS systems
Security systems
IT / Data centers
Medical equipment

Features/Benefits

Easy installation or retrofit
Din-rail mountable
Fail-safe/self-protected design
IP20 finger-safe design
Visual indicator
Small foot print

Main Technical Data

Maximum continuous voltage (U_c) (L-N)	275/320/385/420V
Maximum continuous voltage (U_c) (N-PE)	275V
SPD to EN 61643-11	Type 2
SPD to IEC 61643-11	class II
Nominal discharge current (8/20 μ s) (I_n)	20kA
Maximum discharge current (8/20 μ s) (I_{max})	40kA
Voltage protection level (U_p) (L-N)	$\leq 1.3/1.5/1.8/2.0kV$
Voltage protection level (U_p) (N-PE)	< 1.5kV
Response time (t_A) (L-N)	< 25ns
Response time (t_A) (N-PE)	<100ns
Thermal Protection	YES
Operating State/Fault Indication	Green (good) / White or Red (replace)
Degree of protection	IP 20
Insulating material /flammability class	PA66,U94 V-0
Temperature range	-40 $^{\circ}C$ ~+80 $^{\circ}C$
Altitude	13123 ft [4000m]
Conductor Cross Section (max)	35mm ² (Solid)/25mm ² (Flexible)
Format	Pluggable
For mounting on	DIN rail 35mm
Place of installation	Indoor installation

Dimensions(mm)

