

niGLON™

Circuit Protection

SP12S-1PN/50KA

Type 1+2 Surge Protection Device



A 2 module single pole and neutral Type 1+2 combined lightning and surge arrester with remote signal contact. Suitable for use in incoming distribution panels where the risk of lightning strikes is high, particularly in buildings with a lightning protection system.

Technical Specifications

Network System	TN-S
Mode of Protection	L-PE, N-PE
Protective Element	High Energy MOV
Mounting	Din Rail
Max Cable Size	35mm ²
Terminal Screw	
Torque	3.0Nm
Remote Signaller	Yes (max cable 1.5mm ²)
Fault Indicator	Green:Ok/Red:Replace
Max. Continuous operating voltage (Uc)	275V
Nominal Discharge current 8/20us	20kA
Max. discharge current 8/20us (Imax)	50kA
Voltage protection level (kV) (Up)	1.5kV
Housing Material	Thermoplastic UL 94 V-0
Thermal Protection	Yes
Compliance	IEC 61643-11:2011 IEC 61643-11:2012
Backup Protection	125A (if required) see Tech Drawing
Enclosures (ways)	EM3220(2), EM3420(4)

Technical Drawing

