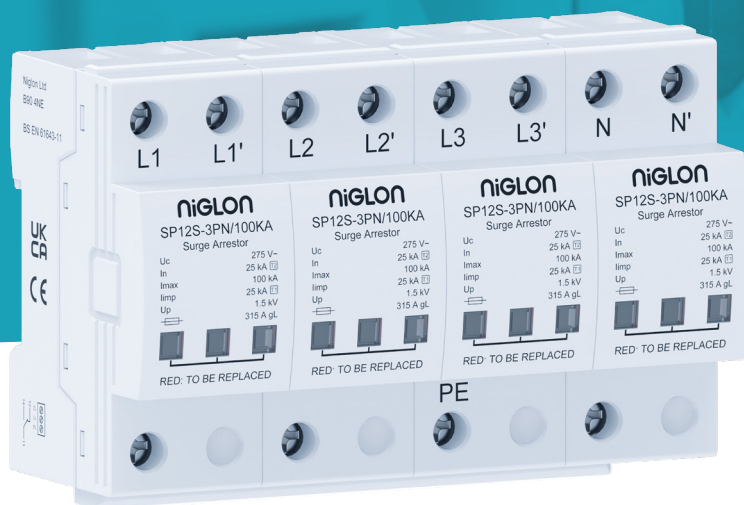


niGLON

Circuit Protection

SP12S-3PN/100KA

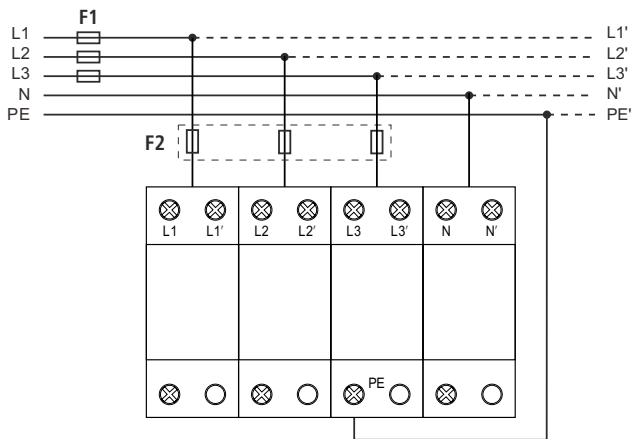
Type 1+2 Surge Protection Device



An eight module three 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. Must be accompanied by downstream Type 2 surge protectors

Standard Wiring Diagram

TN-S (Three-phase, 4+0)



F1 > 63A then F2 is 63A
Niglon MCB10C-63 is recommended

Technical Specifications

Max. Continuous operating voltage	(Uc)	275 V~
Nominal Discharge current		25kA
8/20µs (kA)		
Max. discharge current	(Imax)	100kA
8/20µs (kA)		
Voltage protection level (kV)	(Up)	1.5
MCB		63A TP C Curve

Installation

This device is intended to be clipped to TS35 din rail
The earth cable should be a minimum of 6mm
Other cabling should be a minimum of 1.5mm
and a maximum of 10mm
Terminal torque should be between 1.2 and 1.5 Nm

Remote Signal

Cabling should be a maximum of 1.5mm
Contacts 11 and 12 closed indicates SPD is OK
Contacts 11 and 14 open indicates SPD is OK
Contacts 11 and 12 open indicates the SPD has tripped
Contacts 11 and 14 closed indicates the SPD has tripped