

Catalogue No: **MOD6-SD4-20-400**

SURGE DIVERTER MOD6 3P+N 20kA

Power Distribution and Protection > Switchboard Monitoring > Surge Protection > MOD6 Electrical Network Surge Diverters



MOD6 surge diverter, 3P+N, 20kA, DIN mount, 4 modules wide

- MOD6 Electrical Network Diverters are a range of devices for discharging induced transient overvoltages (Type 2 / Class II), in accordance with IEC 61643-11
- DIN rail plug-in format
- Suitable for the second stage of protection in supply distribution panels in which Type 1 protection devices are installed, or for the first stage of protection in residential, commercial or other applications not exposed to direct strikes and with no external lightning protection system
- High discharge capacity with an 8/20 μ s waveform. I_{max}: 40 kA or 30 kA
- Remote and visual indication of life status of the protection device
- Biconnect - two types of terminal: for rigid or flexible cable and for fork type comb busbar

Representative Photo Only
(actual product may vary based on configuration selections)

SPECIFICATIONS

Product Series	MOD6
Component Type Surge Protection	Electrical Network Diverter
Number of Poles	4
Poles	3P + N
Number of DIN Modules	4
Un, Nominal Operational Voltage, AC	400 V AC
Un, Nominal Voltage, AC, L-L	400 V AC
Uc, Continuous Operating Voltage, AC, Max	320 V AC
In, Discharge Current, (8/20) L-N, Nom	10 kA
I _{max} , Discharge Current, (8/20) L-N, Max	20 kA
I _{cc} , Current, Short Circuit Withstand	25 kA
Fuse Current Rating, Max	63 A
Protection Classification Standard	IEC 61643-11
Up, Voltage Protection Level	1.4 kV @I _n
Rated Frequency	50 / 60 Hz
Protection Modes	L+L+L+N-PE modes
Protection class	2
Replaceable Modules	No Y/N
Visual Indication	Yes Y/N
Indicator Type	Red / Green Flag
Remote Monitoring	Yes Y/N
Monitoring Contact Configuration	1 CO Contact
Mounting	DIN-35 Rail Mount
Wire / Conductor Size, Flex Cable, Min	6 mm ² min
Wire / Conductor Size, Flex Cable, Max	25 mm ² max
Wire / Conductor Size, Rigid Cable, Min	6 mm ² min
Wire / Conductor Size, Rigid Cable, Max	35 mm ² max
Colour, Body / Housing	Grey Anthracite colour

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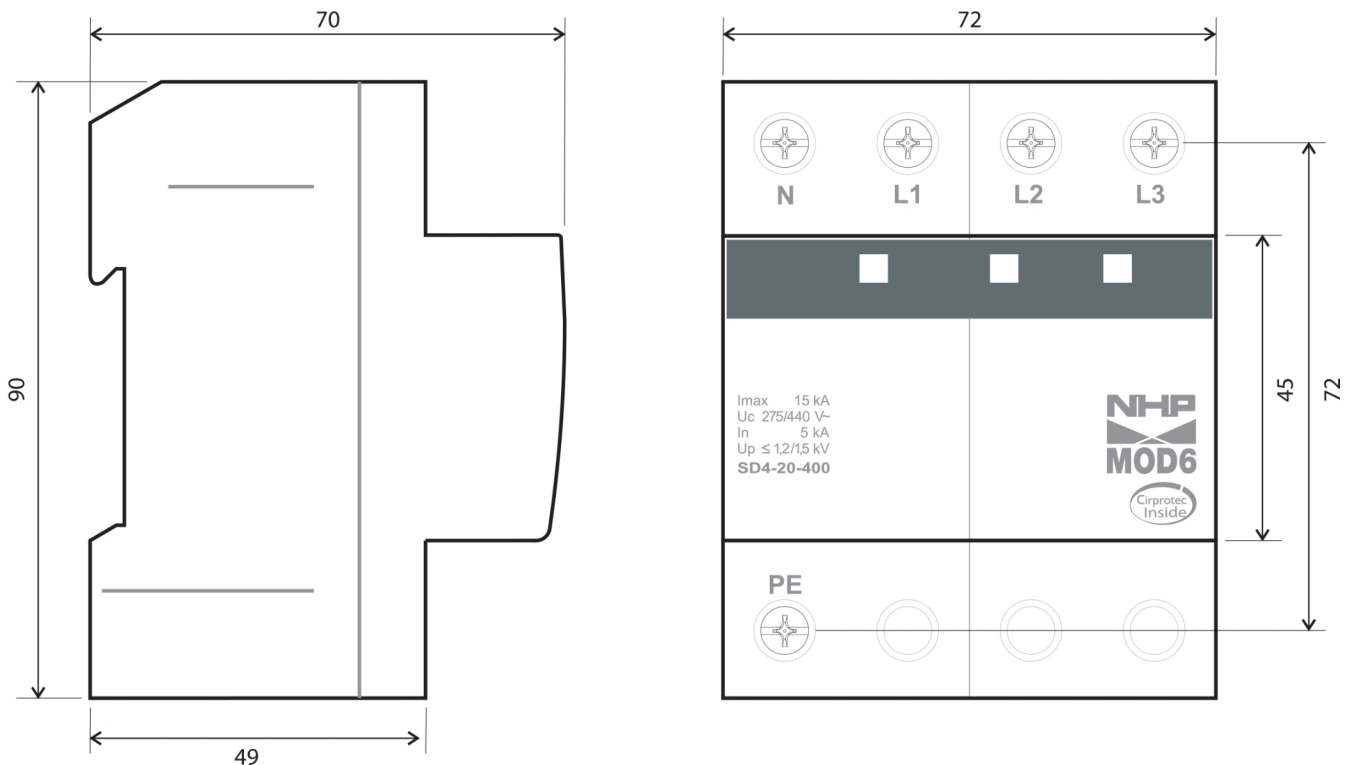
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IP Rating	IP20
tA, Response time (L-N)	25 ns
tA, Response time (N-PE)	100 ns
Tightening Torque, Nominal	4 Nm
Height	90 mm
Width	72 mm
Depth	70 mm
Operating Temperature, Min	-40 °C min
Operating Temperature, Max	80 °C max
Standards Compliance	IEC 61643-1 IEC 61643-11

REFERENCES	
IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-



Dimension Diagram

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