

# Catalogue No: MOD6-SD4-40-400

## SURGE DIVERTER MOD6 3P+N 40kA

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



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

MOD6 surge diverter, 3P+N, 40kA, 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  $\mu$ s waveform. I<sub>max</sub>: 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

### 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	275 V AC
In, Discharge Current, (8/20) L-N, Nom	20 kA
I <sub>max</sub> , Discharge Current, (8/20) L-N, Max	40 kA
I <sub>cc</sub> , Current, Short Circuit Withstand	25 kA
Fuse Current Rating, Max	80 A
Protection Classification Standard	IEC 61643-11
Up, Voltage Protection Level	1.3 kV @I <sub>n</sub>
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 <sup>2</sup> min
Wire / Conductor Size, Flex Cable, Max	25 mm <sup>2</sup> max
Wire / Conductor Size, Rigid Cable, Min	6 mm <sup>2</sup> min
Wire / Conductor Size, Rigid Cable, Max	35 mm <sup>2</sup> max
Colour, Body / Housing	Grey Anthracite colour

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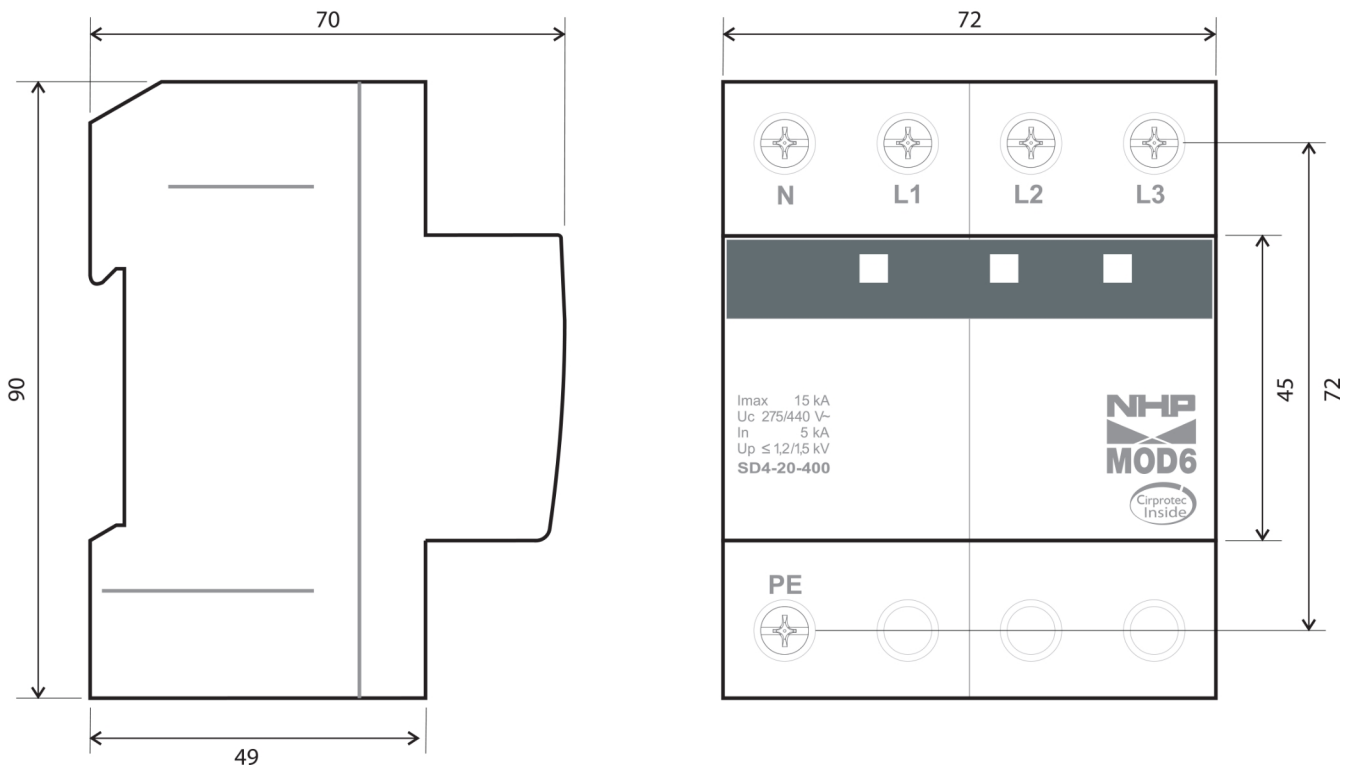
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IP Rating	IP20
tA, Response time (L-N)	25 ns
tA, Response time (N-PE)	100 ns
Tightening Torque, Nominal	4 Nm
Height	90 mm
Width	72 mm
Depth	70 mm
Operating Temperature, Min	-40 °C min
Operating Temperature, Max	80 °C max
Standards Compliance	IEC 61643-1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

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



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