

MT-2PE/S-230AC

Order No.: 2798802

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DIN rail module with surge protection for power supply units, optical power and fault display, for mounting on NS 35/7.5. Nominal voltage: 230 V AC, housing width: 50 mm.

Commercial data

GTIN (EAN)	
Note	Made-to-order
sales group	J031
Pack	5 pcs.
Customs tariff	85363010

Product notes

WEEE/RoHS-compliant since:
05/18/2006



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Technical data**Standards**

Housing material	PA
Inflammability class acc. to UL 94	V0
Color	black
Degree of protection	IP20

Design	Rail-mountable module, one-piece
Mounting type	DIN rail: 35 mm
Number of positions	2
Ambient temperature (operation)	-25 °C ... 75 °C
Direction of action	1L-N & N-PE
Width	50.00 mm
Height	63.00 mm
Length	77.50 mm

Protective circuit

Nominal voltage U_N	230 V AC
Arrester rated voltage U_C (L-PE)	250 V AC
Nominal frequency f_N	50 Hz
	60 Hz
Nominal current I_N	16 A (40°C)
Operating effective current I_C at U_C	≤ 6 mA
Ground conductor current I_{PE}	≤ 1 μ A
Nominal discharge surge current I_n (8/20) μ s (L-N)	2.5 kA
Nominal discharge surge current I_n (8/20) μ s (L-PE)	2.5 kA
Max. discharge surge current I_{max} (8/20) μ s maximum (L-N)	6.5 kA
Max. discharge surge current I_{max} (8/20) μ s maximum (L-PE)	6.5 kA
Protection level U_P (L-N)	≤ 1.2 kV
Protection level U_P (L-PE)	≤ 1.4 kV
Response time t_A (L-N)	≤ 25 ns
Response time t_A (L-PE)	≤ 100 ns
Max. required back-up fuse	16 A (gL)
Message: Surge protection fault	Optical, remote indicator contact

Non-heating apparatus connection, power supply

Connection method	Screw connection
Connection type IN	Screw terminal blocks
Connection type OUT	Screw terminal blocks
Screw thread	M3
Tightening torque	0.5 Nm

Stripping length	8 mm
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

Remote indicator contact

Connection name	Remote fault indicator contact
Switching function	N/C contact
Maximum operating voltage U _{max.} AC	250 V AC
Max. operating current I _{max}	1 A

Connection, protective circuit

Standards/regulations	IEC 61643-1
	E DIN VDE 0675-6/A1
	E DIN VDE 0675-6/A2

Certificates / Approvals

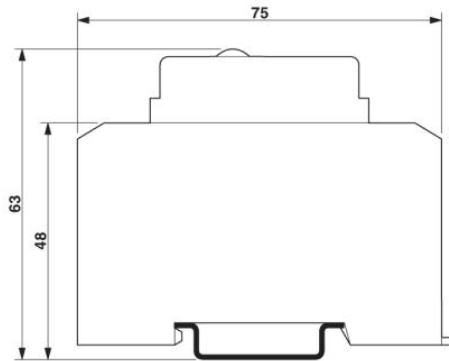


Certification

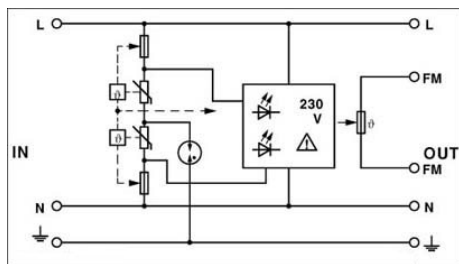
GOST

Diagrams/Drawings

Dimensioned drawing



Circuit diagram



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