Type 3 surge protection plug - PT 2-PE/S- 60AC-ST - 2839321

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The illustration shows version PT 2-PE/S-230 AC-ST

Protective plug PT with surge voltage equipment protection for power supply units, visual fault warning. Nominal voltage: 60 V AC

Product Features

- Plugs can be checked with CHECKMASTER
- Tool-free plug replacement
- With floating remote indication contact
- For single and multi-phase power supply units
- DIN rail module
- Consists of base element and plug
- Optical signaling of disconnection via LED

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	25.69 GRM
Custom tariff number	85363030
Country of origin	Germany

Technical data

Dimensions

Height	45 mm
Width	17.7 mm
Depth	52 mm
Horizontal pitch	1 Div.

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Technical data

Dimensions

Complete module height	90 mm
Complete module width	17.7 mm
Complete module depth	65.5 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 85 °C (non-EX)
	-40 °C ... 80 °C (Class I Div. 2 Gr. A, B, C, D)

General

Housing material	PA 6.6
Inflammability class according to UL 94	V0
Color	black
Standards for air and creepage distances	DIN VDE 0110-1
	IEC 60664-1
Type	DIN rail module, two-section, divisible
Mounting type	On base element
Number of positions	2
Arrester can be tested with CHECKMASTER from software version:	From SW rev. 1.00
Direction of action	1L-N & N-PE

Protective circuit

IEC test classification	III
	T3
EN type	T3
Nominal voltage U_N	60 V AC
Arrester rated voltage U_C	100 V AC
	95 V DC
Nominal frequency f_N	50 Hz
	60 Hz
Nominal current I_N	26 A (30 °C)
Operating effective current I_C at U_C	≤ 1.5 mA
Residual current I_{PE}	≤ 1.5 µA
Nominal discharge current I_n (8/20) µs	2.5 kA
Combined surge U_{OC}	4 kV
Voltage protection level U_p (L-N)	≤ 400 V
Voltage protection level U_p (L-PE)	≤ 700 V
Voltage protection level U_p (N-PE)	≤ 700 V

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Protective circuit

Residual voltage at In, (L-N)	≤ 420 V
Residual voltage at In, (L-PE)	≤ 250 V
Residual voltage at In, (N-PE)	≤ 250 V
Response time t_A (L-N)	≤ 25 ns
Response time t_A (L-PE)	≤ 100 ns
Response time t_A (N-PE)	≤ 100 ns
Max. required back-up fuse	25 A (gL)
	25 A (MCB 25 A B/C)
Short-circuit resistance I_P with max. backup fuse (effective)	1.5 kA
Surge protection fault message	Optical

Standards and Regulations

Standards/specifications	IEC 61643-1 2005
	EN 61643-11/A11 2007
	UL 1449 ed. 2

Classifications

eCl@ss

eCl@ss 4.0	27140201
eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801
eCl@ss 6.0	27130806
eCl@ss 7.0	27130806
eCl@ss 8.0	27130806

ETIM

ETIM 2.0	EC000942
ETIM 3.0	EC000942
ETIM 4.0	EC000942
ETIM 5.0	EC000942

UNSPSC

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610

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Classifications

UNSPSC

UNSPSC 13.2	39121620

Approvals

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UL Recognized / KEMA-KEUR / ÖVE / cUL Recognized / GOST / CSA / CCA / IECEE CB Scheme / cULus Recognized

Ex Approvals

UL Recognized / cUL Recognized / cULus Recognized

Approvals submitted

Approval details

UL Recognized

KEMA-KEUR

ÖVE

cUL Recognized

GOST

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Approvals

CSA

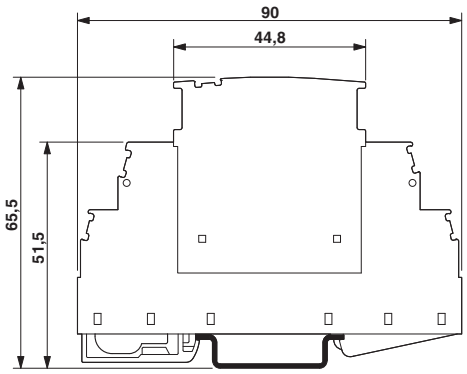
CCA

IECEE CB Scheme

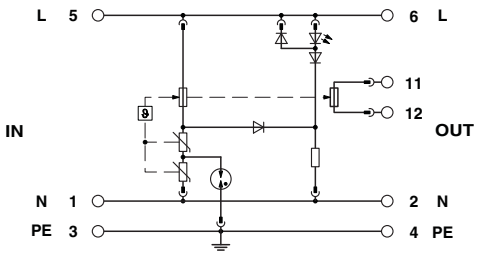
cULus Recognized

Drawings

Dimensioned drawing



Circuit diagram



The figure shows the complete module consisting of a base element and connector