

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Surge arrester for 4-conductor power supply systems (L1, L2, L3, PEN), consisting of a base element with remote indication contact and protective connectors, for mounting on NS 35.

Product Features

- Solutions for the low performance class
- Type 2 consistent plug-in surge arresters
- Mechanical coding of all slots
- Optical, mechanical status indication for the individual arresters
- Multi-channel type 2 arresters
- ☑ Disconnect device on each individual plug





Key commercial data

Packing unit	1 pc
Custom tariff number	85363010
Country of origin	Germany

Technical data

Dimensions

Height	99 mm
Width	53.4 mm
Depth	65.5 mm
Horizontal pitch	3 Div.

Ambient conditions

Degree of protection	IP20



Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C 80 °C
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General

Housing material	PBT / PA
Inflammability class according to UL 94	V0
Color	black
Standards for air and creepage distances	EN 60664-1
	EN 61643-11
Mounting type	DIN rail: 35 mm
Туре	DIN rail module, two-section, divisible
Number of positions	3
Surge protection fault message	Optical, remote indicator contact
Direction of action	3L-PEN

Protective circuit

IEC test classification	II .
	T2
EN type	T2
Nominal voltage U _N	230 V AC (400 V AC)
	230 V AC (400 V AC)
Maximum continuous operating voltage U _C	350 V AC
Maximum continuous operating voltage U _C (L-PEN)	350 V AC
U _T (TOV-proof)	415 V AC (5 s)
Nominal frequency f _N	50 Hz (60 Hz)
Residual current I _{PE}	≤ 340 µA (per phase)
Standby power consumption P _C	≤ 360 mVA
Max. discharge current I _{max} (8/20) μs	20 kA (per channel L-PEN)
Max. discharge current I _{max} (8/20) μs maximum (L-PEN)	60 kA (all channels)
	20 kA (per channel)
Nominal discharge current I _n (8/20) μs (L-PEN)	30 kA (all channels)
	10 kA (per channel)
Voltage protection level U _p (L-PEN)	≤ 1.4 kV
Residual voltage (L-PEN)	≤ 1.4 kV
	≤ 1.2 kV (at 5 kA)
	≤ 1.1 kV (at 3 kA)
Response time (L-PEN)	≤ 25 ns
Max. backup fuse with branch wiring	125 A (gL/gG)
Short-circuit resistance I _P with max. backup fuse (effective)	25 kA



Technical data

Connection, protective circuit

Connection method	Screw connection
Connection type IN	Biconnect screw terminal block
Connection type OUT	Biconnect screw terminal block
Screw thread	M5
Tightening torque	4.5 Nm
Stripping length	16 mm
Conductor cross section stranded min.	1.5 mm ²
Conductor cross section stranded max.	25 mm²
Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	35 mm²
Conductor cross section AWG/kcmil min.	15
Conductor cross section AWG/kcmil max	2

Remote indicator contact

Connection name	Remote fault indicator contact
Switching function	PDT, 1-pos.
Connection method	Screw connection
Screw thread	M2
Tightening torque	0.25 Nm
Stripping length	7 mm
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	1.5 mm²
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16
Maximum operating voltage U _{max.} AC	250 V AC
Max. operating current I _{max}	1.5 A AC (250 V AC)
	1.5 A DC (30 V DC)

Standards and Regulations

Standards/regulations	IEC 61643-1 2005
	EN 61643-11/A11 2007

Classifications

eCl@ss

eCl@ss 4.0	27140201



Classifications

eCl@ss

eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801
eCl@ss 6.0	27130805
eCl@ss 7.0	27130805

ETIM

ETIM 2.0	EC000941
ETIM 3.0	EC000941
ETIM 4.0	EC000941
ETIM 5.0	EC000941

UNSPSC

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620

Approvals

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Approvals

KEMA-KEUR / ÖVE / GOST / CCA / IECEE CB Scheme

Ex Approvals

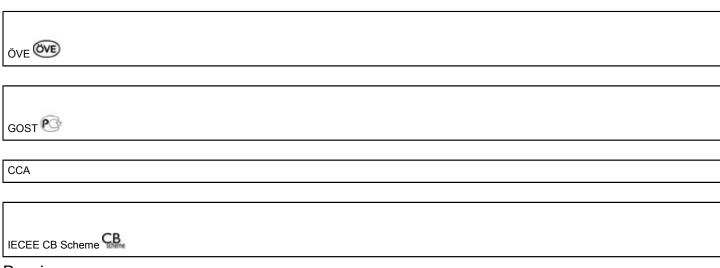
Approvals submitted

Approval details

KEMA-KEUR KEMA

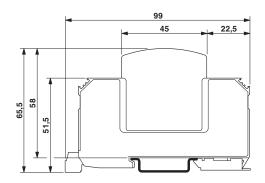


Approvals

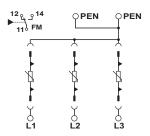


Drawings

Dimensioned drawing



Circuit diagram



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