

LPA SI STI3.2 OR

Weidmüller Interface GmbH & Co. KG

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Convenient protection for technicians and technology:

The fuse holder protects the current circuits directly at the clamping point and is easy to retrofit - one of the most versatile and efficient terminal printing systems with 5mm pitch: the LP-series by Weidmüller.

Suitable for direct installation on the back of terminals.

- Enclosed, safe from finger touch
- 2 in 1 - marking holder for labelling circuit numbers and fuses
- Attachment profile for Dekafix markers

Clear assignment of safety elements to the correct conductor outlet enables easy maintenance and troubleshooting.

Safety in compact form - for the service technician and application components.

General ordering data

Type	LPA SI STI3.2 OR
Order No.	1495060000
Version	PCB terminal, Accessories, Fuse cartridge, Orange, No. of poles: 1
GTIN (EAN)	4008190095536
Qty.	50 pc(s).
Product data	IEC: 500 V / 6.3 A UL:

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Technical data

Dimensions and weights

Net weight 5.68 g

System parameters

Mounting onto the PCB	THT solder connection	Pitch in mm (P)	10.16 mm
Pitch in inches (P)	0.4 inch	No. of poles	1
Fitted by customer	Yes	Max. adjacent poles per row	12
Solder pin length (l)	3.2 mm	Solder eyelet hole diameter (D)	1.3 mm
Solder eyelet hole diameter tolerance (D)+	0,1 mm	Number of solder pins per pole	2
L1 in inches	0.4 inch	Touch-safe protection acc. to DIN VDE 0470	IP 20
Volume resistance	2.60 mΩ		


Material data

Insulating material	PA	Colour	Orange
Colour chart (similar)	RAL 2000	Insulating material group	I
CTI	≥ 600	UL 94 flammability rating	V-2
Contact material	Cu-Leg	Contact surface	tinned
Storage temperature, min.	-25 °C	Storage temperature, max.	55 °C
Max. relative humidity during storage	80 %	Operating temperature, min.	-50 °C
Operating temperature, max.	100 °C	Temperature range, installation, min.	-25 °C
Temperature range, installation, max.	100 °C		


Rated data acc. to IEC

tested acc. to standard	IEC 60664-1, IEC 61984	Rated current, min. no. of poles (Ta = 20°C)	6.3 A
Rated voltage for surge voltage class / pollution degree II/2	500 V	Rated voltage for surge voltage class / pollution degree III/2	250 V
Rated voltage for surge voltage class / pollution degree III/3	250 V		

Rated data acc. to CSA

Institute (CSA)		Certificate No. (CSA)	12400-266
Rated voltage (use group D)	300 V	Rated current (use group D)	10 A
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

Rated data acc. to UL 1059

Institute (UR)		Certificate No. (UR)	E60693
Rated voltage (use group D)	300 V	Rated current (use group D)	10 A
Reference to approval values	Specifications are maximum values, details - see approval certificate.		

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Catalogue status 08.04.2015 / We reserve the right to make technical changes.

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Technical data**Classifications**

ETIM 3.0	EC001284	ETIM 4.0	EC002643
ETIM 5.0	EC002643	ETIM 6.0	EC002643
UNSPSC	30-21-18-01	eClass 6.2	27-26-92-01
eClass 7.1	27-44-92-02	eClass 8.1	27-44-92-02
eClass 9.0	27-44-04-92		

Notes

Notes

IPC conformity The products are developed, manufactured and delivered according to the internationally recognised IPC-A-610 standard, category "permissible". More extensive demands on the products can be evaluated on request.

Approvals

Approvals



ROHS

Conform

Downloads

Engineering-Daten

[EPLAN](#)[3-D model](#)

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Single Wave:



Double Wave:



Wave soldering profiles

Wired connection elements should be processed in accordance with the DIN EN 61760-1 standard. We have included two recommendations for practical wave soldering profiles, with which Weidmüller PCB terminals and connectors are qualified.

When choosing a suitable profile for your application, the following factors also need to be considered:

- PCB thickness
- Proportion of Cu in the layers
- Single/double-sided assembly
- Product range
- Heating and cooling rates

The single and double wave profiles each indicate the recommended operating range, including the maximum soldering temperature of 260°C. In practice, the maximum soldering temperature is quite often well below the above maximum profile.