SC 3.81 FLA 1.5/16



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Product image







Similar to illustration

Effective: the link between LED and front panel. Floodlight indicators allow users to monitor the switching states without requiring a special design: optical plastic directs the light from standard LEDs around a bend into the connectors or through the front plate.

The fibre-optic elements are simply clipped behind the relevant 90° bend male connectors (90° outlet direction). Versions with different incoming light beam heights achieve maximum light efficiency for LEDs with different designs or heights.

The advantages compared to conventional solutions:

- No additional LED circuit board required behind the front panel
- No "long-legged" LEDs with separate mounting required
- Bent fibre-optic cable line for maximum light efficiency
- Uncomplicated front plate bore holes due to circular shape of outgoing light beam
- Easy to maintain correct clearance and creepage distance
- Can be partitioned for smaller pole numbers The result: simplified manufacturing process, reduced costs and simplified design

General ordering data

Version	PCB plug-in connector, Accessories, Flood-light	
	display, Transparent, Number of poles: 8	
Order No.	<u>1979720000</u>	
Туре	SC 3.81 FLA 1.5/16	
GTIN (EAN)	4032248752447	
Qty.	50 items	
Product data		
Packaging	Box	

Catalogue status / Drawings



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Technical data

Approvals				
ROHS	Conform			
Dimensions and weights				
Net weight	1.48 g			
Environmental Product Comp	oliance			
RoHS Compliance Status REACH SVHC	Compliant without exemption No SVHC above 0.1 wt%			
Material data				
Insulating material Colour chart (similar) Contact material Storage temperature, max.	Polymethyl methacrylate - Cu-alloy 70 °C	Colour Moisture Level (MSL) Storage temperature, min. Operating temperature, min.	Transparent -40 °C -50 °C	
Operating temperature, max. Temperature range, installation, max.	100 °C 100 °C	Temperature range, installation, min.	-35 °C	
Rated data acc. to IEC				
tested acc. to standard	IEC 60664-1, IEC 61984			
Packing				
Packaging VPE width	Box 91.00 mm	VPE length VPE height	99.00 mm 42.00 mm	
Important note				
IPC conformity	Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the product can be evaluated on request.			
Notes	\bullet Long term storage of the product with average temperature of 50 $^{\circ}\text{C}$ and maximum humidity 70%, 36 months			
Classifications				
ETIM 6.0	EC002943	ETIM 7.0	EC002943	
ETIM 8.0 ETIM 10.0 ECLASS 9.1	EC002943 EC002943 27-44-04-92	ETIM 9.0 ECLASS 9.0 ECLASS 10.0	EC002943 27-44-04-92 27-44-04-92	
ECLASS 11.0 ECLASS 13.0	27-46-04-04 27-46-04-04	ECLASS 12.0 ECLASS 14.0	27-46-04-04 27-46-04-04	
ECLASS 15.0	27-46-04-04			

Creation date 30.11.2025 06:37:17 MEZ

Catalogue status / Drawings 2

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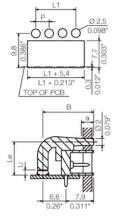
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Drawings

Dimensional drawing



Similar to illustration