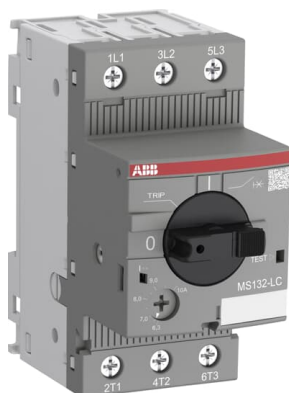


PRODUCT-DETAILS

# MS132-10LC

## MS132-10LC Lamp Circuit Breaker 6.3 ... 10 A



### General Information

Extended Product Type	MS132-10LC
Product ID	1SAM350300R1010
EAN	4013614560699
Catalog Description	MS132-10LC Lamp Circuit Breaker 6.3 ... 10 A

Long Description

The MS132-10LC lamp circuit breaker is a compact 45 mm width device with a rated operational current of  $I_e = 10.0$  A. This device is used to manually switch on and off lamp loads (typically LED lamps or loads with similar characteristics) and to protect them reliably and without the need for a fuse from short-circuits, overload and phase failures. The lamp circuit breaker offers a rated service short-circuit breaking capacity  $I_{cs} = 50$  kA at 400 VAC. Further features are the build-in disconnect function, temperature compensation, trip-free mechanism and a rotary handle with a clear switch position indication. The lamp circuit breaker is suitable for three- and single-phase applications. The handle is lockable to protect against unauthorized changes. Auxiliary contacts, signaling contacts, undervoltage releases, shunt trips, 3-phase bus bars, power in-feed blocks and terminal spacers are available as [accessory](#).

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010

### Popular Downloads

Instructions and Manuals	1SAC200070M0001
Time-Current Characteristic Curve	1SAM300565F0010

Pt Characteristic	1SAM300567F0001
Cut-off Current Characteristic	1SAM300568F0001
CAD Dimensional Drawing	2CDC001079B0201

## Dimensions

Product Net Width	45 mm
Product Net Height	90 mm
Product Net Depth / Length	86.75 mm
Product Net Weight	0.265 kg

## Technical

Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(230 V AC) 50 kA (400 V AC) 50 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(230 V AC) 50 kA (400 V AC) 50 kA
Rated Instantaneous Short-Circuit Current Setting ( $I_i$ )	75 A
Setting Range	6.3 ... 10 A
Rated Operational Voltage	Main Circuit 400 V AC
Rated Operational Current ( $I_e$ )	10 A
Rated Frequency (f)	Main Circuit 50 Hz Main Circuit 60 Hz
Rated Impulse Withstand Voltage ( $U_{imp}$ )	Main Circuit 6 kV
Rated Insulation Voltage ( $U_i$ )	690 V
Power Loss	at Rated Operating Conditions per Pole 0.8 ... 2.0 W
Number of Poles	3
Conventional Free-air Thermal Current ( $I_{th}$ )	Main Circuit 10 A
Degree of Protection	Housing IP20 Main Circuit Terminals IP10
Pollution Degree	3
Electrical Durability	50000 cycle
Mechanical Durability	100000 cycle
Terminal Type	Screw Terminals
Connecting Capacity Main Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1/2x 0.75 ... 2.5 mm <sup>2</sup> Flexible 1/2x 0.75 ... 2.5 mm <sup>2</sup> Rigid 1/2x 1 ... 4 mm <sup>2</sup>
Tightening Torque	Main Circuit 0.8 ... 1.2 N·m
Wire Stripping Length	Main Circuit 9 mm
Recommended Screw Driver	Pozidriv 2
Mounting Position	1 ... 6
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Minimum Mounting Distance	Electrical Conductive Board, Horizontal - Up to 400 V 0 mm Electrical Conductive Board, Horizontal - Up to 690 V 1.5 mm Electrical Conductive Board, Vertical 75 mm Other Device Same Type, Horizontal 0 mm Other Device Same Type, Vertical 150 mm
Actuator Type	Rotary Handle
Contact Position Indication	ON / OFF / TRIP
Standards	IEC/EN 60947-1

IEC/EN 60947-2

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**Environmental**


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Ambient Air Temperature	Operation -25 ... +70 °C Operation Compensated -25 ... +60 °C Storage -50 ... +80 °C
Ambient Air Temperature Compensation	Yes
Maximum Operating Altitude Permissible	2000 m
Resistance to Shock acc. to IEC 60068-2-27	11 ms Pulse 25g
Resistance to Vibrations acc. to IEC 60068-2-6	5g / 3 ... 150 Hz
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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**Certificates and Declarations**


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Cut-off Current Characteristic	1SAM300568F0001
Declaration of Conformity - CE	1SAD101100-3406
Declaration of Conformity - UKCA	1SAD201100-3406
EAC Certificate	1SAA963005-2702
† Characteristic	1SAM300567F0001

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**Container Information**


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Package Level 1 Units	box 1 piece
Package Level 1 Width	92 mm
Package Level 1 Depth / Length	95 mm
Package Level 1 Height	50 mm
Package Level 1 Gross Weight	0.28 kg
Package Level 1 EAN	4013614561610
Package Level 2 Units	carton 40 piece
Package Level 2 Width	50 mm
Package Level 2 Depth / Length	102 mm
Package Level 2 Height	92 mm
Package Level 2 Gross Weight	11.586 kg
Package Level 2 EAN	4013614560705

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**Classifications**


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Object Classification Code	F
ETIM 5	EC000074 - Motor protective circuit-breaker
ETIM 6	EC000074 - Motor protection circuit-breaker
ETIM 7	EC000074 - Motor protection circuit-breaker
ETIM 8	EC000074 - Motor protection circuit-breaker
eClass	V11.0 : 27370401
UNSPSC	39121521
IDEA Granular Category Code (IGCC)	4845 >> 3 Pole Motor Circuit Protector Circuit Breakers

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## Categories

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Low Voltage Products and Systems → Control Products → Manual Motor Starters → Manual Motor Starters for Special Use

