



PRODUCT-DETAILS

# MLBL-02R

## MLBL-02R LED block



General Information

|                       |                    |
|-----------------------|--------------------|
| Extended Product Type | MLBL-02R           |
| Product ID            | 1SFA611621R1021    |
| EAN                   | 7320500544617      |
| Catalog Description   | MLBL-02R LED block |

|                  |   |
|------------------|---|
| Long Description | <p>The MLBL-02R LED block is: - Red - Illuminated - Front mounting - 48 V</p> <p>This LED block is part of ABB's modular plastic range, the most versatile range with a high level of flexibility and market-leading electrical ratings. Engineered for total reliability, longer lifetime, and highest mechanical durability. Self-cleaning contacts ensure reliable operation without the need for maintenance, increasing uptime. A high degree of protection guarantees reliability in extreme environments. The innovative design simplifies the entire process, from selection to easy and quick, tool-free installation. The perfect solution for every application.</p> |
|------------------|---|

Ordering

|                        |          |
|------------------------|----------|
| Minimum Order Quantity | 10 piece |
| Customs Tariff Number  | 85369001 |

Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SFC151007C02__ |
| Instructions and Manuals          | 1SFC151011M0201 |

Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 0.01 m  |
| Product Net Height         | 0.044 m |
| Product Net Depth / Length | 0.042 m |
| Product Net Weight         | 0.01 kg |

Technical

|                            |  |
|----------------------------|--|
| Ambient Air Temperature    | Operation -25 ... +70 °C<br>Storage -40 ... +85 °C   |
| Color                      | Red  |
| Illumination               | Illuminated  |
| Lamp Type                  | 48V AC / DC, integrated LED  |
| Mounting Type              | Front mounting   |
| Rated Frequency (f)        | 50 / 60 Hz   |
| Rated Operational Voltage  | 48 V AC/DC   |
| Connecting Capacity        | Flexible with Ferrule 1 x 0.75...2.5 mm²<br>Flexible with Ferrule 2 x 0.75...2.5 mm²<br>Flexible with Insulated Ferrule 1 x 0.75...2.5 mm²<br>Flexible with Insulated Ferrule 2 x 0.75...2.5 mm²<br>Flexible 1 x 0.75 ... 2.5 mm²<br>Flexible 2 x 0.75 ... 2.5 mm²<br>Solid 1 x 0.75...2.5 mm²<br>Solid 2 x 0.75...2.5 mm² |
| Connection Type            | Screw Clamp  |
| Terminal Type              | Screw Terminals  |
| Tightening Torque          | 0.9 N·m  |
| Wire Stripping Length      | 8 mm   |
| Suitable For               | MCBH-00<br>MCBH5-00<br>MP1<br>MP2<br>MP3<br>MP4<br>MPMT3<br>MPMP3<br>M2SS1<br>M2SS2<br>M2SS3<br>M2SS4<br>M2SS5<br>M2SS6<br>M3SS1<br>M3SS2<br>M3SS3<br>M3SS4<br>M3SS5<br>M3SS6<br>M3SS7<br>M3SS8<br>MPM1  |
| Suitable for Product Class | Pilot Devices  |

Technical UL/CSA

|                     |                |
|---------------------|----------------|
| Connecting Capacity | 1x 18...14 AWG |
| UL/CSA              | 2x 18...14 AWG |

## Environmental

Degree of Protection

Terminals IP20

## Material Compliance

|   |  |
|---|--|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658  |
| REACH Declaration                           | 2CMT2022-006479  |
| RoHS Information                            | 2CMT2022-006498  |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA         | 2CMT2023-006523  |
| WEEE B2C / B2B                              | Business To Business   |
| WEEE Category                               | 5. Small Equipment (No External Dimension More Than 50 cm)             |

## Certificates and Declarations

|                                  |                     |
|----------------------------------|---------------------|
| CB Certificate                   | SEMKO_SE-56219      |
| CQC Certificate                  | CQC2008010305274953 |
| cULus Certificate                | 9AKK107046A9925     |
| Declaration of Conformity - CCC  | 2020980305001106    |
| Declaration of Conformity - CE   | 2CMT2015-005452     |
| Declaration of Conformity - UKCA | 2CMT2020-006121     |
| DNV GL Certificate               | E-14107             |
| EAC Certificate                  | 1SFC150017D1101     |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | bag 10 piece  |
| Package Level 1 Width          | 0.135 m       |
| Package Level 1 Depth / Length | 0.155 m       |
| Package Level 1 Height         | 0.025 m       |
| Package Level 1 Gross Weight   | 0.11 kg       |
| Package Level 1 EAN            | 7320500372890 |

## Classifications

|                                    |  |
|------------------------------------|--|
| Object Classification Code         | E  |
| ETIM 6                             | EC000204 - Lamp holder block for control circuit devices |
| ETIM 7                             | EC000204 - Lamp holder block for control circuit devices |
| ETIM 8                             | EC000204 - Lamp holder block for control circuit devices |
| eClass                             | V11.0 : 27371209   |
| UNSPSC                             | 39122221   |
| IDEA Granular Category Code (IGCC) | 5219 >> Switch part or accessory                         |
| E-Number (Finland)                 | 2315750  |
| E-Number (Sweden)                  | 3705611  |

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## Categories

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Low Voltage Products and Systems → Control Products → Pilot Devices → Accessories

Low Voltage Products and Systems → Control Products → Pilot Devices → Modular Plastic Range

Medium Voltage Products and Systems → Service → Spares and Consumables → Parts → All Spare Parts (Relays-SWG-CB)

