



PRODUCT-DETAILS

MLBL-02BW

MLBL-02BW LED block



| General Information | |
|-----------------------|--|
| Extended Product Type | MLBL-02BW |
| Product ID | 1SFA611621R2025 |
| EAN | 7320500545201 |
| Catalog Description | MLBL-02BW LED block |
| Long Description | The MLBL-02BW LED block is: - White - Illuminated - Rear mounting - 48 V 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. |

| 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 Storage -40 ... +85 °C |
| Color | White |
| Illumination | Illuminated |
| Lamp Type | 48V AC / DC, integrated LED |
| Mounting Type | Rear 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 mm ² Flexible with Ferrule 2 x 0.75...2.5 mm ² Flexible with Insulated Ferrule 1 x 0.75...2.5 mm ² Flexible with Insulated Ferrule 2 x 0.75...2.5 mm ² Flexible 1 x 0.75 ... 2.5 mm ² Flexible 2 x 0.75 ... 2.5 mm ² Solid 1 x 0.75...2.5 mm ² Solid 2 x 0.75...2.5 mm ² |
| Connection Type | Screw Clamp |
| Terminal Type | Screw Terminals |
| Tightening Torque | 0.9 N·m |
| Wire Stripping Length | 8 mm |
| Suitable For | MCBH-00 MCBH5-00 MP1 MP2 MP3 MP4 MPMT3 MPMP3 M2SS1 M2SS2 M2SS3 M2SS4 M2SS5 M2SS6 M3SS1 M3SS2 M3SS3 M3SS4 M3SS5 M3SS6 M3SS7 M3SS8 MPM1 |
| Suitable for Product | Pilot Devices |

Class

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 | 7320500373958 |

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) | 2315804 |

Categories

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

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

