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PRODUCT-DETAILS

## MLBL-05Y MLBL-05Y LED block



| General Information   |   |
|-----------------------|---|
| Extended Product Type | MLBL-05Y  |
| Product ID            | 1SFA611621R1053   |
| EAN                   | 7320500544785   |
| Catalog Description   | MLBL-05Y LED block  |
| Long Description      | The MLBL-05Y LED block is: - Yellow - Illuminated - Front mounting - 110 130 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 |

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| Information Partructions and ISFC15(011M020 Manuals)    Dimensions   |                                      |  |
|--|--------------------------------------|--|
| Dimensions   | Data Sheet, Technical<br>Information | 1SFC151007C02  |
| Product Net Width  | Instructions and Manuals             | 1SFC151011M0201  |
| Product Net Height O.044 n Product Net Depth / O.042 n Product Net Depth / O.014g Product Net Weight O.014g Product Net Weight O.014g  Technical  Warbient Air Operation - 25 7.07 or Femperature Storage - 40 + 85 r Color Yellow Illumination Illumination Illuminates Attact Operational / Orone Tront mounting Nated Operational II 0 130 V DC, integrated LEE Mounting Type Front mounting Nated Operational II 0 130 V DC Oldrage  Connecting Capacity Flexible with Ferrule 1 x 0.75 25 mm Flexible with Insulated Ferrule 2 x 0.75 25 mm Flexible with Insulated Ferrule 2 x 0.75 25 mm Flexible with Insulated Ferrule 2 x 0.75 25 mm Flexible with Insulated Ferrule 2 x 0.75 25 mm Flexible with Insulated Ferrule 3 x 0.75 25 mm Flexible with Ferrule 3 x 0.75 25 mm Flexible with Insulate   | Dimensions                           |  |
| Product Net Depth / ength  | Product Net Width                    | 0.01 m   |
| Product Net Weight 0.01 kg  Technical  Ambient Air Operation 25 + 70 °C  Permerature Storage -40 + 85°C  Color Yellov  Illumination Illuminated  Amounting Type 110-130 V DC, integrated LEU  Mounting Type Front mounting  Attack Operational 110 130 V DC  Connecting Capacity Flexible with Ferrule 2 x 0.75 25 mm  Flexible with insulated Ferrule 2 x 0.75 25 mm  Flexible with insulated Ferrule 2 x 0.75 25 mm  Flexible with insulated Ferrule 2 x 0.75 25 mm  Flexible with insulated Ferrule 2 x 0.75 25 mm  Flexible with insulated Ferrule 2 x 0.75 25 mm  Flexible Type Screw Terminal  Flexible Type Screw Terminal  Flexible For MCBH-0  MC                                     | Product Net Height                   | 0.044 m  |
| Technical  Ambient Air Operation -25 +70 ** Temperature Storage -40 +85 ** Color Yellov Illumination Illuminate Lamp Type 110-130 V DC, integrated LET Mounting Type Front mounting Atted Operational Voltage Connecting Capacity Flexible with Ferrule 1 × 0.75 2.5 mm Flexible with insulated Ferrule 1 × 0.75 2.5 mm Flexible with insulated Ferrule 2 × 0.75 2.5 mm Flexible with insulated Ferrule 2 × 0.75 2.5 mm Flexible with insulated Ferrule 2 × 0.75 2.5 mm Flexible with insulated Ferrule 2 × 0.75 2.5 mm Flexible over the solid 2 × 0.75 2.5 mm Flexible ove   | Product Net Depth /<br>Length        | 0.042 m  |
| Ambient Air Persperture Storage -40 + 45 °C Color Illumination Illu                 | Product Net Weight                   | 0.01 kg  |
| Temperature Storage -40 +85 °C Color Yellow Color Illuminate Illuminate Illuminate Illuminate Mounting Type 110-130 V DC, integrated LEE Mounting Type Front mounting Notated Operational Colorage Connecting Capacity Flexible with Ferrule 1 x 0.752.5 mm Flexible with Ferrule 2 x 0.752.5 mm Flexible with Insulated Ferrule 2 x 0.752.5 mm Flexible x 0.752.5 mm Solid 2 x  | Technical                            |  |
| Color Yellov Illumination Illuminates Lamp Type 110-130 V DC, integrated LEt Wounting Type Front mounting Rated Operational 110 130 V DC Rotated Operational Flexible with Ferrule 2 x 0.75 2.5 mm Flexible with Ferrule 2 x 0.75 2.5 mm Flexible with Insulated Ferrule 2 x 0.75 2.5 mm Flexible with Insulated Ferrule 2 x 0.75 2.5 mm Flexible 3 x 0.75 2.5 mm Flexible 2 x 0.75 2.5 mm Flexible 2 x 0.75 2.5 mm Flexible 3 x 0.75 2.5 mm Flexible 4 x 0.75 2.5 mm Flexible 3 x 0.75 2.5 mm Flexible 4 x   | Ambient Air<br>Temperature           | Operation -25 +70 °C<br>Storage -40 +85 °C   |
| Illumination Illuminated .amp Type 110-130 V DC, integrated LEU Mounting Type Front mounting Attact Operational Moltring Type Front mounting Attact Operational Moltring Capacity Flexible with Ferrule 1 x 0.752.5 mm Flexible with Ferrule 2 x 0.752.5 mm Flexible with Insulated Ferrule 1 x 0.752.5 mm Flexible 2 x 0.752.5 mm Solid 2 x 0.752.5 mm S   | Color                                | Yellow   |
| Mounting Type  Asted Operational Asted Operational Active Operation Ac | Illumination                         | Illuminated  |
| Rated Operational 110 130 V DC  Voltage  Connecting Capacity Flexible with Ferrule 1 x 0.752.5 mm  Flexible with Insulated Ferrule 2 x 0.752.5 mm  Flexible with Insulated Ferrule 2 x 0.752.5 mm  Flexible 2 x 0.752.5 mm  Solid 2 x 0.752.5 mm  Flexible with Insulated Ferrule 2 x 0.752.5 mm  Flexible with Insulated Ferrule 2 x 0.752.5 mm  Flexible with Insulated Ferrule 2 x 0.752.5 mm  Flexible vith Insulated Ferrule 2 x 0.752.5 mm  Flexible vith Insulated Ferrule 2 x 0.752.5 mm  Flexible vith Insulated Ferrule 2 x 0.752.5 mm  Flexible with Insulated Ferrule 2 x 0.752.5 mm  Flexible vith Insulated Ferrule 2 x 0.752.5 mm  Flexible vith Insulated Ferrule 2 x 0.752.5 mm  Flexible vith Insulated Ferrule 2 x 0.7525 mm  Flexible vith Ins  | Lamp Type                            | 110-130 V DC, integrated LED   |
| Flexible with Ferrule 1 x 0.752.5 mm Flexible with Insulated Ferrule 1 x 0.752.5 mm Flexible with Insulated Ferrule 2 x 0.752.5 mm Flexible with Insulated Ferrule 2 x 0.752.5 mm Flexible 2 x 0.752.5 mm Flexible 2 x 0.752.5 mm Flexible 2 x 0.752.5 mm Solid 1 x 0.752.5 mm Solid 2 x 0.752.5 mm  | Mounting Type                        | Front mounting   |
| Flexible with Ferrule 2 x 0.752.5 mm Flexible with Insulated Ferrule 2 x 0.752.5 mm Flexible with Insulated Ferrule 2 x 0.752.5 mm Flexible vith Insulated Ferrule 2 x 0.752.5 mm Flexible x 0.752.5 mm Flexible x 0.752.5 mm Flexible x 0.752.5 mm Solid 2 x 0.752.5 mm Solid  | Rated Operational<br>Voltage         | 110 130 V DC   |
| Connection Type Ferminal Type Forminal Type Screw Terminals Fightening Torque  Wire Stripping Length Suitable For  MCBH-00 MCBH5-00 MCBH5-00 MP  |                                      | Flexible with Ferrule 2 x 0.752.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1 x 0.752.5 mm <sup>2</sup> Flexible with Insulated Ferrule 2 x 0.752.5 mm <sup>2</sup> Flexible 1 x 0.75 2.5 mm <sup>2</sup> Flexible 2 x 0.75 2.5 mm <sup>2</sup> Solid 1 x 0.752.5 mm <sup>2</sup> Solid 2 x 0.75 2.5 mm <sup>2</sup> |
| Fightening Torque         0.9 N-m           Wire Stripping Length         8 mm           Suitable For         MCBH-00           MP         MP           MP         MP           MP         MPMT           MPMT         MPMT           M2SS         M2SS           M2SS         M2SS           M2SS         M2SS           M2SS         M3SS           M3SS         M3SS           M3SS         M3SS           M3SS         M3SS           M3SS         M3SS           M3SS         M3SS           M9M         M9M  | Connection Type                      | Screw Clamp  |
| Wire Stripping Length  Suitable For  MCBH-00  MCBH5-00  MP,  MP,  MP,  MP,  MPMP,  MPMP,  MPMP,  MPMP,  MPSS,  M2SS,  M3SS,  M4SS,  M4D,  M4D,  M4D,  M5D, M6D, M6D, M6D, M6D, M6D, M6D, M6D, M6   | Terminal Type                        | Screw Terminals  |
| MCBH-00 MCBH5-00 MP MP MP MP MP MPM MPMT MPMP MPSS M2SS M2SS M2SS M2SS M2SS M2SS   | Tightening Torque                    | 0.9 N·m  |
| MCBH5-00 MP MP MP MP MP MP MPM MPMT MPMP M2SS M2SS M2SS M2SS M2SS M2SS M2SS  | Wire Stripping Length                | 8 mm   |
| Suitable for Product Pilot Devices   |                                      | MCBH5-00 MP1 MP2 MP3 MP4 MPM4 MPM7 MPM93 M2S51 M2SS2 M2SS3 M2SS4 M2SS5 M2SS5 M3SS1 M3SS5   |
|  | Suitable for Product<br>Class        | Pilot Devices  |

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| Technical UL/CSA    |             |
|---------------------|-------------|
| Connecting Capacity | 1x 1814 AWG |
| UL/CSA              | 2x 1814 AWG |

## Environmental Degree of Protection Terminals IP20

| Material Compliance                               |  |
|---|--|
| Conflict Minerals<br>Reporting Template<br>(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<br>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<br>Conformity - CCC  | 2020980305001106    |
| Declaration of<br>Conformity - CE   | 2CMT2015-005452     |
| Declaration of<br>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 /<br>Length | 0.155 m       |
| Package Level 1 Height            | 0.025 m       |
| Package Level 1 Gross<br>Weight   | 0.11 kg       |
| Package Level 1 EAN               | 7320500373088 |

| Classifications               |  |
|-------------------------------|--|
| Object Classification<br>Code | E  |
| ETIM 6                        | EC000204 - Lamp holder block for control circuit devices |

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| 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<br>Code (IGCC) | 5219 >> Switch part or accessory                         |
| E-Number (Finland)                    | 2315767  |
| E-Number (Norway)                     | 4373266  |
| E-Number (Sweden)                     | 3705065  |

## **Categories**

 $Low\ Voltage\ Products\ and\ Systems\ \rightarrow\ Control\ Products\ \rightarrow\ Pilot\ Devices\ \rightarrow\ Accessories$   $Low\ Voltage\ Products\ and\ Systems\ \rightarrow\ Control\ Products\ \rightarrow\ Pilot\ Devices\ \rightarrow\ Modular\ Plastic\ Range$   $Medium\ Voltage\ Products\ and\ Systems\ \rightarrow\ Service\ \rightarrow\ Spares\ and\ Consumables\ \rightarrow\ Parts\ \rightarrow\ All\ Spare\ Parts\ (Relays-SWG-CB)$ 







