

PRODUCT-DETAILS

## MLBL-02W MLBL-02W LED block



General Information	
Extended Product Type	MLBL-02W
Product ID	1SFA611621R1025
EAN	7320500544655
Catalog Description	MLBL-02W LED block
Long Description	The MLBL-02W LED block is: With 3-position holder - White - Illuminated - Front 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

Illumination Illumination Illuminated Lamp Type 48V AC / DC, integrated LEE Mounting Type Front mounting Degree of Protection Terminals IP22 Rated Frequency (f) 50 / 60 / 48 V AC / DC Voltage 48 V AC / DC Voltage 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 vith Insulated Ferrule 2 x 0.752.5 mm Flexible 2 x 0.752.5 mm Solid 2 x 0.752	Technical	
Color         White           Illumination         Illumination           Lamp Type         48V AC / DC, integrated LEI           Mounting Type         Front mounting           Degree of Protection         Terminals IP2           Rated Frequency (f)         50 / 60 H           Rated Operational         48 V AC/DC           Voltage         Flexible with Ferrule 1 x 0.752.5 mm           Connecting Capacity         Flexible with Ferrule 1 x 0.752.5 mm           Flexible with Insulated Ferrule 1 x 0.752.5 mm         Flexible with Insulated Ferrule 1 x 0.752.5 mm           Solid 2 x 0.7525 mm         Solid 2 x 0.752.5 mm           Solid 1 x 0.7525 mm         Solid 2 x 0.752.5 mm           Solid 2 x 0.7525 mm         Solid 2 x 0.752.5 mm           Solid 2 x 0.7525 mm         Solid 2 x 0.752.5 mm           Solid 2 x 0.7525 mm         Solid 2 x 0.752.5 mm           Solid 1 x 0.7525 mm         Solid 2 x 0.752.5 mm           Solid 2 x 0.7525 mm         Solid 2 x 0.752.5 mm           Solid 2 x 0.7525 mm         Solid 2 x 0.7525 mm           Solid 2 x 0.7525 mm         Solid 2 x 0.7525 mm           Solid 2 x 0.7525 mm         Solid 2 x 0.7525 mm           Solid 2 x 0.7525 mm         Solid 2 x 0.7525 mm		
Illumination Illuminated Lamp Type 48V AC / DC, integrated LEC Mounting Type Front mounting Degree of Protection Terminals IP26 Rated Operational 30 / 60 H. Rated Operational 48 V AC/DC Voltage Flexible with Ferrule 1 x 0.752.5 mm Flexible with Ferrule 2 x 0.752.5 mm Flexible with neulated Ferrule 1 x 0.752.5 mm Flexible with neulated Ferrule 1 x 0.752.5 mm Flexible vith neulated Ferrule 1 x 0.752.5 mm Solid 2 x 0	Temperature	Storage -40 +85 °C
Lamp Type 44V AC / DC, Integrated LEC Mounting Type Front mounting Degree of Protection Terminals IP2C Rated Frequency (f) 50 / 60 H: Rated Operational 48 V AC / OC Voltage 0500000000000000000000000000000000000	Color	White
Mounting Type Front mounting Degree of Protection Terminals IP22 Rated Frequency (f) 50 / 60 H: Rated Operational 48 V AC/DC Voltage Connecting Capacity Flexible with Ferrule 1 x 0.7525 mm Flexible with Insulated Ferrule 2 x 0.7525 mm Solid 1 x 0.7525 mm Solid 1 x 0.7525 mm Solid 2 x 0.7525 mm So	Illumination	Illuminated
Degree of Protection Terminals IP2C Rated Frequency (f) 50 / 60 H: Rated Operational 48 V AC/DC Voltage Connecting Capacity Flexible with Ferrule 1 x 0.7525 mm Flexible with Insulated Ferrule 2 x 0.7525 mm Flexible with Insulated Ferrule 2 x 0.7525 mm Flexible with Insulated Ferrule 2 x 0.7525 mm Solid 1 x 0.7526 mm Solid 1 x 0	Lamp Type	48V AC / DC, integrated LED
Reted Frequency (f) 50 / 60 H: Rated Operational 48 V AC/DC Voltage Connecting Capacity Flexible with Ferrule 1 x 0.752.5 mm Flexible with nsulated Ferrule 2 x 0.752.5 mm Solid 2 x 0.752.5 mm Mexibe Solid 2 x 0.7525 mm Solid 2 x 0.7525 mm	Mounting Type	Front mounting
Rated Operational Voltage       48 V AC/DC         Connecting Capacity       Flexible with Ferrule 1 × 0.752.5 mm Flexible with Insulated Ferrule 2 × 0.752.5 mm Flexible with Insulated Ferrule 2 × 0.752.5 mm Flexible with Insulated Ferrule 2 × 0.752.5 mm Flexible 2 × 0.752.5 mm Solid 2 × 0.7525 mm Solid 2 ×	Degree of Protection	Terminals IP20
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 1 x 0.752.5 mm Solid 1 x 0.752.5 mm Solid 1 x 0.752.5 mm Solid 2 x 0.7525	Rated Frequency (f)	50 / 60 Hz
Voltage       Flexible with Ferrule 1 x 0.752.5 mm         Connecting Capacity       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 with Insulated Ferrule 2 x 0.752.5 mm       Flexible vith Insulated Ferrule 2 x 0.752.5 mm         Solid 1 x 0.752.5 mm       Solid 1 x 0.752.5 mm         Solid 1 x 0.752.5 mm       Solid 1 x 0.752.5 mm         Solid 1 x 0.752.5 mm       Solid 1 x 0.752.5 mm         Solid 1 x 0.752.5 mm       Solid 1 x 0.752.5 mm         Solid 2 x 0.752.5 mm       Solid 1 x 0.752.5 mm         Solid 2 x 0.752.5 mm       Solid 1 x 0.752.5 mm         Solid 2 x 0.752.5 mm       Solid 1 x 0.752.5 mm         Solid 2 x 0.752.5 mm       Solid 1 x 0.752.5 mm         Solid 2 x 0.752.5 mm       Solid 1 x 0.752.5 mm         Solid 2 x 0.752.5 mm       Solid 2 x 0.752.5 mm         Solid 2 x 0.752.5 mm       Solid 2 x 0.752.5 mm         Solid 2 x 0.752.5 mm       Solid 2 x 0.752.5 mm         Solid 2 x 0.752.5 mm       Solid 1 x 0.752.5 mm         Solid 1 x 0.752.5 mm       Solid 1 x 0.752.5 mm         Solid 1 x 0.752.5 mm       Moltage         Solid 1 x 0.752.5 mm       Moltage         Solid 1 x 0.752.5 mm	Rated Operational	48 V AC/DC
Flexible with Ferrule 2 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 2 x 0.752.5 mm         Solid 1 x 0.752.5 mm         Solid 1 x 0.752.5 mm         Solid 2 x 0.752.5 mm         Solid 1 x 0.752.5 mm         Solid 1 x 0.752.5 mm         Solid 2 x 0.752.5 mm	•	
Flexible with Insulated Ferrule 1 x 0.752.5 mm Flexible with Insulated Ferrule 2 x 0.7525 mm Flexible 2 x 0.7525 mm Solid 1 x 0.7525 mm Solid 1 x 0.7525 mm Solid 2 x 0.	Connecting Capacity	Flexible with Ferrule 1 x 0.752.5 mm <sup>2</sup>
Flexible with Insulated Ferrule 2 x 0.752.5 mm         Flexible 1 x 0.752.5 mm         Solid 1 x 0.752.5 mm         Solid 2 x 0.7525 mm         Solid 2 x 0.7525 mm         Tightening Torque         Wire Stripping Length         Suitable For         MCBH-00         MP		Flexible with Ferrule 2 x 0.752.5 mm <sup>2</sup>
Flexible 1 × 0.75 2.5 mm Flexible 2 × 0.75 2.5 mm Solid 2 × 0.75		Flexible with Insulated Ferrule 1 x 0.752.5 mm <sup>2</sup>
Flexible 2 x 0.75 2.5 mm Solid 1 x 0.752.5 mm Solid 2 x 0.752.5 mm Solid 2 x 0.752.5 mm Solid 2 x 0.752.5 mm Solid 2 x 0.752.5 mm Screw Clamp Terminal Type Screw Terminal Tightening Torque 0.9 Nr Wire Stripping Length 8 mm Suitable For MCBH-00 MCBH-00 MP MPA MPA MPA MPA MPA MPA MPA MPA MPA		Flexible with Insulated Ferrule 2 x 0.752.5 mm <sup>2</sup>
Solid 1 x 0.752.5 mm         Connection Type       Screw Clamp         Terminal Type       Screw Terminals         Tightening Torque       0.9 Nrr         Wire Stripping Length       8 mr         Suitable For       MCBH-00         MPP       MPP         MPR       MPP         MPR       MPR		
Solid 2 x 0.752.5 mm         Connection Type       Screw Clamp         Terminal Type       Screw Terminals         Tightening Torque       0.9 N-m         Wire Stripping Length       8 mm         Suitable For       MCBH-00         MPP       MPP         MPR       MPP         MPR       MPP         MPR       MPP         MPR       MPP         MPR       MPP         MPR       MPR		
Conection Type Screw Clamp Terminal Type Screw Terminals Tightening Torque 0.9 Nrm Wire Stripping Length 8 mm Suitable For MCBH-00 MCBH-500 MPP MP2 MP2 MP3 MPMT3 MPMT3 MPMT3 MPMT3 MPMT3 MPMT3 MPS53 M2553		
Terminal Type Screw Terminals Tightening Torque 0.9 Nrm Wire Stripping Length 8 mm Suitable For MCBH-00 MCBH5-00 MPP MP2 MP2 MP4 MPMT MPMT MPMT MPMT MPMT MPMT MPMT		
Tightening Torque 0.9 Nrm Wire Stripping Length 8 mm Suitable For MCBH-00 MCBH-00 MPP MP2 MP2 MP4 MPMT3 MPM7	Connection Type	Screw Clamp
Wire Stripping Length 8 mm Suitable For MCBH-00 MCBH5-00 MP MP2 MP2 MP4 MPM73	Terminal Type	Screw Terminals
Suitable For         MCBH-00           MP         MP           MSSS         M2SS2           M2SS3         M3SS3           M3SS4         M3SS3           M3SS5         M3SS5           M3SS5         M3SS5           M3SS5         M3SS5           M3SS5         M3SS5	Tightening Torque	0.9 N·m
MCBH5-00 MP MP MP MP MP MP MP MP MP MP MP MP MP	Wire Stripping Length	8 mm
MP: MP2 MP4 MP4 MP4 MP4 MP4 MP4 MP4 MP4 MP4 MP4	Suitable For	MCBH-00
MP2 MP3 MP4 MP4 MP4 MP4 MP4 M255 M255 M255 M255 M255 M255 M255 M25		MCBH5-00
MP3 MP4 MPMT3 MPMP3 M2S53 M2S53 M2S54 M2S54 M2S55 M2S54 M2S55 M2S55 M2S54 M2S55 M3S55 M3S55 M3S55 M3S55 M3S55 M3S55 M3S55 M3S55 M3S55 M3S55 M3S55 M3S55 M3S55		MP1
MP4 MPMT3 MPMP9 M2S53 M2S53 M2S54 M2S54 M2S54 M2S54 M2S54 M2S54 M2S54 M2S54 M3S554 M3S54 M3S54 M3S54 M3S54 M3S554 M3		
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M255 M255 M255 M255 M255 M255 M255 M255		
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M2S3 M2S4 M2S5 M2S5 M3S5 M3S5 M3S5 M3S5 M3S5 M3S5 M3S5 M3		
M2S54 M2S56 M3S53 M3S53 M3S53 M3S54 M3S54 M3S55 M3S55 M3S55 M3S55 M3S55 M3S55		
M255 M255 M355 M355 M355 M355 M355 M355		
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M3S54 M3S55 M3S56 M3S56 M3S57		
M3555 M3556 M3557		
M3SS6 M3SS7		M3SS5
		M3SS6
M3SSE		M3SS7
		M3SS8
		MPM1
Suitable for Product Pilot Devices Class		Pilot Devices

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

Environmental	
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	0635 4
RoHS Information	2CMT2015-005452
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business

Certificates and Declarations (Document Number)	
CB Certificate	SEMKO_SE-56219
CQC Certificate	CQC2008010305274953
cULus Certificate	9AKK107046A9925
Declaration of Conformity - CCC	2020980305001106
Declaration of Conformity - CE	2CMT2015-005452
DNV GL Certificate	E-14107
EAC Certificate	1SFC150017D1101
Environmental Information	1SAC200078H0001
Instructions and Manuals	1SFC151011M0201
RoHS Information	2CMT2015-005452

## **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	7320500373293

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	39121500
E-Number (Finland)	2315754
E-Number (Sweden)	3705058

 $\label{eq:low-Voltage-Products-Accessories} \end{tabular} Low Voltage Products and Systems \rightarrow Control Products \rightarrow Pilot Devices \rightarrow Accessories \end{tabular} Low Voltage Products and Systems \rightarrow Control Products \rightarrow Pilot Devices \rightarrow Modular Plastic Range$ 

