

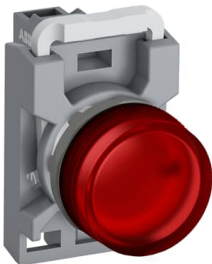
ML1-401R

1/4



PRODUCT-DETAILS

ML1-401R  
ML1-401R Pilot Light



| General Information    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type: | ML1-401R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product ID:            | 1SFA611400R4011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| EAN:                   | 7320500543214                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Catalog Description:   | ML1-401R Pilot Light                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Long Description:      | The ML1-401R Pilot Light is: Maintained - Illuminated - MLBL-01R - 24 V<br>This Pilot Light 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. |
| Display Name:          | ML1-401R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

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

## Popular Downloads

|                                           |                 |
|-------------------------------------------|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SFC151007C02_  |
| <b>Instructions and Manuals:</b>          | 1SFC151011M0201 |

## Dimensions

|                                    |          |
|------------------------------------|----------|
| <b>Product Net Width:</b>          | 30 mm    |
| <b>Product Net Height:</b>         | 61.5 mm  |
| <b>Product Net Depth / Length:</b> | 48 mm    |
| <b>Product Net Weight:</b>         | 0.038 kg |

## Technical

|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ambient Air Temperature:</b>          | Operation -25 ... +70 °C<br>Storage -40 ... +85 °C                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Illumination:</b>                     | Illuminated                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Lamp Type:</b>                        | 24 V AC / DC, integrated LED                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Pollution Degree:</b>                 | 3                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Rated Frequency (f):</b>              | 50 / 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Rated Operational Voltage:</b>        | Supply Circuit 24 V AC/DC                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Connecting Capacity:</b>              | Flexible with Ferrule 1 x 0.75...2.5 mm <sup>2</sup><br>Flexible with Ferrule 2 x 0.75...2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1 x 0.75...2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 2 x 0.75...2.5 mm <sup>2</sup><br>Flexible 1 x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible 2 x 0.75 ... 2.5 mm <sup>2</sup><br>Solid 1 x 0.75...2.5 mm <sup>2</sup><br>Solid 2 x 0.75...2.5 mm <sup>2</sup> |
| <b>Connecting Capacity Main Circuit:</b> | Flexible 1 x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible 2 x 0.75 ... 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                     |
| <b>Connection Type:</b>                  | Screw Clamp                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Terminal Type:</b>                    | Screw Terminals                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tightening Torque:</b>                | 0.9 N·m                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Wire Stripping Length:</b>            | 8 mm                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Technical UL/CSA

|                                    |                                  |
|------------------------------------|----------------------------------|
| <b>Connecting Capacity UL/CSA:</b> | 1x 18...14 AWG<br>2x 18...14 AWG |
|------------------------------------|----------------------------------|

## Environmental

|                              |            |
|------------------------------|------------|
| <b>Degree of Protection:</b> | Front IP66 |
|------------------------------|------------|

## Material Compliance

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

## Certificates and Declarations

|                                          |                     |
|------------------------------------------|---------------------|
| <b>CQC Certificate:</b>                  | CQC2005010304154103 |
| <b>cULus Certificate:</b>                | 9AKK107046A9925     |
| <b>Declaration of Conformity - CCC:</b>  | 2020980305001528    |
| <b>Declaration of Conformity - CE:</b>   | 2CMT2015-005452     |
| <b>Declaration of Conformity - UKCA:</b> | 2CMT2020-006121     |
| <b>DNV GL Certificate:</b>               | E-14107             |

## Container Information

|                                        |               |
|----------------------------------------|---------------|
| <b>Package Level 1 Units:</b>          | bag 1 piece   |
| <b>Package Level 1 Width:</b>          | 30 mm         |
| <b>Package Level 1 Depth / Length:</b> | 61.5 mm       |
| <b>Package Level 1 Height:</b>         | 48 mm         |
| <b>Package Level 1 Gross Weight:</b>   | 0.038 kg      |
| <b>Package Level 1 EAN:</b>            | 7320500543214 |

## External Classifications and Standards

|                                            |                                     |
|--------------------------------------------|-------------------------------------|
| <b>ETIM 7:</b>                             | EC000272 - Indicator light complete |
| <b>ETIM 8:</b>                             | EC000272 - Indicator light complete |
| <b>eClass:</b>                             | V11.0 : 27371223                    |
| <b>UNSPSC:</b>                             | 39121534                            |
| <b>IDEA Granular Category Code (IGCC):</b> | 4766 >> Indicator or pilot lights   |

## Categories

Products > Low Voltage Products and Systems > Control Products > Pilot Devices > Modular Plastic Range > ML Modular Pilot Lights

