



PRODUCT-DETAILS

# CL2-542C

## CL2-542C Pilot Light



| General Information   |                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | CL2-542C                                                                                                                                |
| Product ID            | 1SFA619403R5428                                                                                                                         |
| EAN                   | 7320500556481                                                                                                                           |
| Catalog Description   | CL2-542C Pilot Light                                                                                                                    |
| Long Description      | The CL2-542C Pilot Light is: Compact - Pilot Light - Pilot light head - Clear - Illuminated - 380...415V AC                             |
|                       | This Pilot Light is part of ABB's compact range, the most efficient all-in-one solution available, reducing installation time and cost. |
|                       | The compact range has a high level of dust and water resistance.                                                                        |

| Ordering               |            |
|------------------------|------------|
| Minimum Order Quantity | 10 piece   |
| Customs Tariff Number  | 8536619090 |

| Popular Downloads     |                 |
|-----------------------|-----------------|
| Data Sheet, Technical | 1SFC151007C02__ |

|                          |                 |
|--------------------------|-----------------|
| Information              |                 |
| Instructions and Manuals | 1SFC151011M0201 |

Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 0.03 m   |
| Product Net Height         | 0.03 m   |
| Product Net Depth / Length | 0.052 m  |
| Product Net Weight         | 0.018 kg |

Technical

|                           |                                                                                                                                                                                                                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ambient Air Temperature   | Operation -25 ... +70 °C<br>Storage -40 ... +85 °C                                                                                                                                                                                                                                                                         |
| Color                     | Clear                                                                                                                                                                                                                                                                                                                      |
| Actuator Type             | Pilot light head                                                                                                                                                                                                                                                                                                           |
| Illumination              | Illuminated                                                                                                                                                                                                                                                                                                                |
| Lamp Type                 | 380...415 V AC, integrated LED                                                                                                                                                                                                                                                                                             |
| Enclosure Type NEMA       | Type1<br>Type12<br>Type13<br>Type3R<br>Type4<br>Type4X                                                                                                                                                                                                                                                                     |
| Pollution Degree          | 3                                                                                                                                                                                                                                                                                                                          |
| Rated Frequency (f)       | Supply Circuit 50 / 60 Hz                                                                                                                                                                                                                                                                                                  |
| Rated Operational Voltage | 380 ... 415 V AC<br>Supply Circuit 380...415V AC V                                                                                                                                                                                                                                                                         |
| 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                                                                                                                                                                                                                                                                                                                       |

Technical UL/CSA

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

Environmental

|                      |                                                           |
|----------------------|-----------------------------------------------------------|
| Degree of Protection | Front IP66<br>Front IP67<br>Front IP69K<br>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                   | CQC_CN_CN50749              |
| CQC Certificate                  | CQC2003010305054693         |
| cULus Certificate                | UL_E496500-20171020         |
| cURus Certificate                | UL_E496500-20171020         |
| Declaration of Conformity - CCC  | 2020980305001187            |
| Declaration of Conformity - CE   | 2CMT2015-005451             |
| Declaration of Conformity - UKCA | 2CMT2020-006121             |
| DNV GL Certificate               | 9AKK107046A3749             |
| EAC Certificate                  | EAC-RU C-CN.ME77.B.00690_20 |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | bag 10 piece  |
| Package Level 1 Width          | 0.235 m       |
| Package Level 1 Depth / Length | 0.125 m       |
| Package Level 1 Height         | 0.035 m       |
| Package Level 1 Gross Weight   | 0.184 kg      |
| Package Level 1 EAN            | 7320500475478 |

## Classifications

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Object Classification Code         | P                                   |
| ETIM 6                             | EC000272 - Indicator light complete |
| ETIM 7                             | EC000272 - Indicator light complete |
| ETIM 8                             | EC000272 - Indicator light complete |
| eClass                             | V11.0 : 27371223                    |
| UNSPSC                             | 39121534                            |
| IDEA Granular Category Code (IGCC) | 4766 >> Indicator or pilot lights   |
| E-Number (Finland)                 | 2313562                             |
| E-Number (Norway)                  | 4373544                             |
| E-Number (Sweden)                  | 3705790                             |

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## Categories

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Low Voltage Products and Systems → Control Products → Pilot Devices → Compact Range → CL Compact Pilot Lights

