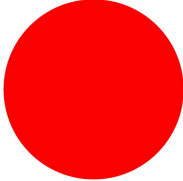





LED element, Flat Rear, red, front mounting

Part no. M22-FLED-R
Catalog No. 180798
Alternate Catalog No. M22-FLED-R
EL-Nummer (Norway) 4315749

Delivery program

| | | | |
|---|---|----|--|
| Basic function accessories | | | LED elements |
| Description | | | Cage Clamp is a registered trademark of Wago Kontakttechnik GmbH/Minden, Germany |
| Connection technique | | | Cage Clamp, Push-in |
| Fixing | | | Front fixing |
| Rated operational voltage | U_e | V | 12 - 30 V AC/DC, 50/60 Hz (Standard 24 V AC/DC) |
| Rated operational current | I_e | mA | 5 - 15 |
| Power consumption | $P_{max.}$ | W | 0.26 |
| Lifespan to EN 60064 at $t_a = +25\text{ °C}$ | t_{mean} (AC) | h | 100000 |
| Degree of Protection | | | IP20 |
| | | | at 24 V |
| Colour | | | Red |
| | | |  |
| Connection to SmartWire-DT | | | no |
| Approval | | |  |
| Connection technique | | | Cage Clamp, Push-in |
| Notes | <p>For indicator lights, illuminated pushbutton actuators, and illuminated selector switch actuators, the following applies:</p> <p>M22...-R only in combination with M22-FLED...-R M22...-G only in combination with M22-FLED...-G M22...-W only in combination with M22-FLED...-W M22...-Y only in combination with M22-FLED...-W M22...-B in combination with M22-FLED...-W or M22-FLED...-B</p> | | |

Technical data

| | | | |
|----------------------|--|--|--|
| General | | | |
| Standards | | | IEC 60947-5-1 |
| Degree of Protection | | | IP20 |
| Climatic proofing | | | Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 |

| | | | |
|--|--|-----------------|--|
| | | | Dry heat to IEC 60068-2-2 |
| Ambient temperature | | | |
| Open | | °C | -25 - +70 |
| Storage | | °C | - 40 - + 85 |
| Mounting position | | | As required |
| Mechanical shock resistance according to IEC 60068-2-27 Shock duration 11 ms, half-sinusoidal | | g | > 50 |
| Terminal capacities | | mm ² | |
| Solid | | mm ² | 1 x 1 (0.2 - 1.5) 1 x 1 (075 - 1.5) Can be plugged without tools |
| Stranded | | mm ² | 1 x 1 (0.2 - 1.5) |
| Flexible with ferrule | | mm ² | 1 x 1 (0.25 - 1) Use WAGO Variocrimp 4 crimping tool; please enquire for others |
| Solid or stranded | | AWG | 20 |

Contacts

| | | | |
|---|------------------|------|-------|
| Rated impulse withstand voltage | U _{imp} | V AC | 4000 |
| Rated insulation voltage | U _i | V | 250 |
| Overvoltage category/pollution degree | | | III/3 |
| Indoor and protected outdoor installation | | | |

Design verification as per IEC/EN 61439

| | | | |
|--|--|----|-----|
| Technical data for design verification | | | |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 70 |

Technical data ETIM 7.0

| | | | |
|---|--|---|-------------------------|
| Low-voltage industrial components (EG000017) / Lamp holder block for control circuit devices (EC000204) | | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Bulb socket block for command and alarm devices (ec1@ss10.0.1-27-37-12-09 [AKF027014]) | | | |
| Transformer integrated | | | No |
| With integrated voltage decreasing resistor | | | No |
| With light source | | | Yes |
| With integrated diode | | | Yes |
| Lamp holder | | | None |
| Rated voltage U _e at AC 50 Hz | | V | 12 - 30 |
| Rated voltage U _e at AC 60 Hz | | V | 12 - 30 |
| Rated voltage U _e at DC | | V | 12 - 30 |
| Voltage type for actuating | | | AC/DC |
| Lamp type | | | LED |
| Connection type auxiliary circuit | | | Spring clamp connection |
| Colour lamp | | | Red |
| Type of fastening | | | Front fastening |

Approvals

| | | | |
|-----------------------------|--|--|--|
| Product Standards | | | IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking |
| UL File No. | | | E29184 |
| UL Category Control No. | | | NKCR |
| CSA File No. | | | 012528 |
| CSA Class No. | | | 3211-03 |
| North America Certification | | | UL listed, CSA certified |
| Degree of Protection | | | UL/CSA Type: - |

Dimensions

