

LED, W2x4.6d, 18-30VDC, 7-12.5mA, green

Part no. **LEDWB-G**
208725

| General specifications | | |
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| Product name | | Eaton Moeller® series RMQ16 Accessory Single chip LED |
| Part no. | | LEDWB-G |
| EAN | | 4015082087258 |
| Product Length/Depth | | 17 millimetre |
| Product height | | 5 millimetre |
| Product width | | 5 millimetre |
| Product weight | | 0.7 gram |
| Certifications | | UL/CSA certification not required |
| Product Tradename | | RMQ16 |
| Product Type | | Accessory |
| Product Sub Type | | Single chip LED |
| Catalog Notes | | Integral suppressor circuit up to 1000 V Positive pole at X1 |
| Features & Functions | | |
| Color | | Green |
| General information | | |
| Average nominal lifespan | | 100000 h |
| Lifespan, electrical | | 100,000 h (at 25°C, according to EN60064) |
| Product category | | Accessories |
| Voltage type | | DC |
| Climatic environmental conditions | | |
| Ambient operating temperature - min | | -25 °C |
| Ambient operating temperature - max | | 60 °C |
| Electrical rating | | |
| Nominal current | | 12500 mA |
| Nominal voltage - min | | 18 V |
| Nominal voltage - max | | 30 V |
| Power consumption | | 0.2505 W |
| Actuator | | |
| Actuator diameter | | 0 mm |
| Communication | | |
| Connection to SmartWire-DT | | No |
| Design verification | | |
| Equipment heat dissipation, current-dependent P _{vid} | | 0 W |
| Heat dissipation capacity P _{diss} | | 0 W |
| Heat dissipation per pole, current-dependent P _{vid} | | 0 W |
| Rated operational current for specified heat dissipation (I _n) | | 0 A |
| Static heat dissipation, non-current-dependent P _{vs} | | 0.12 W |
| 10.2.2 Corrosion resistance | | Meets the product standard's requirements. |
| 10.2.3.1 Verification of thermal stability of enclosures | | Meets the product standard's requirements. |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat | | Meets the product standard's requirements. |
| 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects | | Meets the product standard's requirements. |
| 10.2.4 Resistance to ultra-violet (UV) radiation | | Meets the product standard's requirements. |
| 10.2.5 Lifting | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.6 Mechanical impact | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.7 Inscriptions | | Meets the product standard's requirements. |
| 10.3 Degree of protection of assemblies | | Does not apply, since the entire switchgear needs to be evaluated. |

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| 10.4 Clearances and creepage distances | | Meets the product standard's requirements. |
| 10.5 Protection against electric shock | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.6 Incorporation of switching devices and components | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.7 Internal electrical circuits and connections | | Is the panel builder's responsibility. |
| 10.8 Connections for external conductors | | Is the panel builder's responsibility. |
| 10.9.2 Power-frequency electric strength | | Is the panel builder's responsibility. |
| 10.9.3 Impulse withstand voltage | | Is the panel builder's responsibility. |
| 10.9.4 Testing of enclosures made of insulating material | | Is the panel builder's responsibility. |
| 10.10 Temperature rise | | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.12 Electromagnetic compatibility | | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.13 Mechanical function | | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

Technical data ETIM 9.0

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| Lamps (EG000028) / Single LED (EC001019) | | |
| Electric engineering, automation, process control engineering / Lighting installation, device / Light medium / Single LED (ecl@ss13-27-11-06-36 [AKE247018]) | | |
| Colour | | Green |
| Luminous flux | lm | 0 |
| Nominal voltage | V | 30 |
| Voltage type | | DC |
| Nominal current | mA | 12500 |
| Power consumption | W | 0.2505 |
| Diameter | mm | 0 |
| Length | mm | 17 |
| Beam angle | ° | 360 |
| Energy efficiency class according to EU regulation 2019/2015 | | F |
| Weighted energy consumption in 1000 hours | kWh | 240 |
| Average nominal lifespan | h | 100000 |