


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

Part no. LEDWB-G
Catalog No. 208725
Eaton Catalog No. LEDWB-G

Delivery program

| | | | |
|---|------------------------|---|--|
| Product range | | | Accessories |
| Basic function accessories | | | Single chip LED |
| Single unit/Complete unit | | | Single unit |
| Type | | | Positive pole at X1 Integral suppressor circuit up to 1000 V |
| Lifespan to EN 60064 at $t_a = +25\text{ °C}$ | t_{mean} (AC) | h | 18 - 30 V DC/7 - 12.5 mA 100000 |
| Colour | | | |
| | | |  |
| Connection to SmartWire-DT | | | no |

Design verification as per IEC/EN 61439

| | | | |
|--|-------------------|----|--|
| Technical data for design verification | | | |
| Rated operational current for specified heat dissipation | I_n | A | 0 |
| Heat dissipation per pole, current-dependent | P_{vid} | W | 0 |
| Equipment heat dissipation, current-dependent | P_{vid} | W | 0 |
| Static heat dissipation, non-current-dependent | P_{vs} | W | 0.12 |
| Heat dissipation capacity | P_{diss} | W | 0 |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 60 |
| IEC/EN 61439 design verification | | | |
| 10.2 Strength of materials and parts | | | |
| 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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. |
| 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 Insulation properties | | | |
| 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. |

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| 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 7.0

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|--|--|-----|----------------|
| Lamps (EG000028) / Single LED (EC001019) | | | |
| Electric engineering, automation, process control engineering / Lighting installation, device / Light medium / Single LED (ecI@ss10.0.1-27-11-06-36 [AKE247013]) | | | |
| Colour | | | Green |
| Luminous flux | | lm | 0 |
| Nominal voltage | | V | 30 |
| Voltage type | | | DC |
| Voltage type | | | DC |
| Nominal current | | mA | 12.5 |
| Power consumption | | W | 0.2505 |
| Diameter | | mm | 0 |
| Length | | mm | 0 |
| Beam angle | | ° | 360 |
| Energy efficiency class | | | Not applicable |
| Weighted energy consumption in 1,000 hours | | kWh | 240 |
| Average nominal lifespan | | h | 100000 |

Approvals

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|-----------------------------|--|-----------------------------------|
| North America Certification | | UL/CSA certification not required |
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Additional product information (links)

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| IL04716016Z (AWA1160-1429) Mounting of components | |
| IL04716016Z (AWA1160-1429) Mounting of components | ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716016Z2018_05.pdf |