



Filament lamp, 6 V, W2x4.6d, 1W

Part no. WBGL6
Catalog No. 090223
Alternate Catalog No. WBGL6

Delivery program

| | | | |
|---|------------------------|---|----------------|
| Product range | | | Accessories |
| Basic function accessories | | | Filament bulbs |
| Single unit/Complete unit | | | Single unit |
| Type | | | 6 V/1.0 W |
| Lifespan to EN 60064 at $t_a = +25\text{ }^\circ\text{C}$ | t_{mean} (AC) | h | 10000 |
| 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 | 1 |
| Heat dissipation capacity | P_{diss} | W | 0 |
| Operating ambient temperature min. | | $^\circ\text{C}$ | -25 |
| Operating ambient temperature max. | | $^\circ\text{C}$ | 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 | | | |
| 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. |
| 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

Lamps (EG000028) / Indication- and signalling lamp (EC000399)

| | | |
|---------------------------------------|----|-------------------|
| Lamp power | W | 1 - 1 |
| Lamp voltage | V | 6 - 6 |
| Luminous flux | lm | 0 |
| Socket | | W2x4.6d |
| Technology | | Incandescent lamp |
| Lamp shape | | Pear-shape |
| Halogen | | No |
| Krypton | | No |
| Xenon | | No |
| Colour | | None |
| Colour temperature | K | 2800 |
| Diameter | mm | 5 |
| Total length | mm | 20 |
| Suitable for torches | | No |
| Suitable for pointer | | Yes |
| Suitable for round flashing luminaire | | |
| Nominal current | mA | 170 |
| Average nominal lifespan | h | 3000 |
| Energy efficiency class | | |

Approvals

| | | |
|-----------------------------|--|-----------------------------------|
| North America Certification | | UL/CSA certification not required |
|-----------------------------|--|-----------------------------------|

Assets (links)

Declaration of CE Conformity

00002898

Instruction Leaflets

IL04716016Z2018_05

Additional product information (links)

IL04716016Z (AWA1160-1429) Mounting of components

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