DATASHEET - WBGL6



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 °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.		°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.
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)

Electric engineering, automation, process control engineering / Lighting installation, device / Light medium / Indication- and signal lamp (ecl@ss10.0.1-27-11-06-31 [AKE242014])			
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

Additional product information (links)

IL04716016Z (AWA1160-1429) Mounting of components	
IL04716016Z (AWA1160-1429) Mounting of components	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716016Z2018_05.pdf

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