DATASHEET - WBGL24

Filament lamp, 24-28V, W2x4, 6 d, 1W

Part no.	**WBGL24**
Catalog No.	**089247**
Alternate Catalog No.	**WBGL24**
EL-Nummer (Norway)	**4356335**

Delivery program

Product range			Accessories
Basic function accessories			Filament bulbs
Single unit/Complete unit			Single unit
Type			24 - 28 V/1.0 W
Lifespan to EN 60064 at t_a = +25 °C	t_{mean} (AC)	h	7000
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 8.0

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	24 - 28
Luminous flux	lm	0
Socket		W2x4.6d
Technology		Incandescent lamp
Lamp shape		Pear-shape
Halogen		No
Krypton		No
Xenon		No
Colour		
Colour temperature	K	2800
Diameter	mm	5
Total length	mm	19
Suitable for torches		No
Suitable for pointer		Yes
Suitable for round flashing luminaire		No
Nominal current	mA	40
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/IL04716016Z2021_09.pdf

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