



Multiple LED 12V, W2x4.6d, 45mA, red

Part no. WBLED-RT12
Catalog No. 055716
Alternate Catalog No. WBLED-RT12

Delivery program

Product range			Accessories
Basic function accessories			Multiple LED
Single unit/Complete unit			Single unit
			For AC/DC
Type			12 V/24 mA
Lifespan to EN 60064 at $t_a = +25\text{ }^\circ\text{C}$	t_{mean} (AC)	h	60000
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	0.29
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			
			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) / Single LED (EC001019)		
Electric engineering, automation, process control engineering / Lighting installation, device / Light medium / Single LED (ec1@ss10.0.1-27-11-06-36 [AKE247013])		
Colour		Red
Luminous flux	lm	0
Nominal voltage	V	12
Voltage type		DC
Nominal current	mA	45
Power consumption	W	0.29
Diameter	mm	0
Length	mm	0
Beam angle	°	360
Energy efficiency class		Not applicable
Weighted energy consumption in 1,000 hours	kWh	270
Average nominal lifespan	h	60000

Approvals

North America Certification		UL/CSA certification not required
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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