

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



Part no. LEDWB-W
Catalog No. 208728
Alternate Catalog No. LEDWB-W

Delivery program

Product range		Accessories
Basic function accessories		Single chip LED
Single unit/Complete unit		Single unit
		Positive pole at X1 Integral suppressor circuit up to 1000 V
Type		18 - 30 V DC/7 - 12.5 mA
Lifespan to EN 60064 at $t_a = +25^\circ\text{C}$	$t_{\text{mean}} \text{ (AC)}$	h 100000
Colour		white
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.
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.

Technical data ETIM 8.0

Lamps (EG000028) / Single LED (EC001019)

Electric engineering, automation, process control engineering / Lighting installation, device / Light medium / Single LED (ecl@ss10.0.1-27-11-06-36 [AKE247013])

Colour		White
Luminous flux	lm	0
Nominal voltage	V	30
Voltage type		DC
Nominal current	mA	12500
Power consumption	W	0.2505
Diameter	mm	0
Length	mm	17
Beam angle	°	360
Energy efficiency class		
Weighted energy consumption in 1000 hours	kWh	240
Average nominal lifespan	h	100000