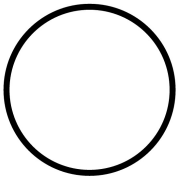
DATASHEET - LEDWB-W

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 °C	t_{mean} (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.
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 (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	12.5
Power consumption		W	0.2505
Diameter		mm	0
Length		mm	0
Beam angle		°	360
Energy efficiency class			Not applicable
Weighted energy consumption in 1,000 hours		kWh	240
Average nominal lifespan		h	100000

Approvals

North America Certification			UL/CSA certification not required