DATASHEET - LEDWB-Y

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



Part no.	LEDWB-Y
Catalog No.	208724
Alternate Catalog	LEDWB-Y
No.	

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
Гуре			18 - 30 V DC/7 - 12.5 mA
ifespan to EN 60064 at $t_a = +25 \text{ °C}$	t _{mean} (AC)	h	100000
Connection to SmartWire-DT			no

Design verification as per IEC/EN 61439

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Technical data for design verification			
Rated operational current for specified heat dissipation	In	А	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 8.0

Lamps (EG000028) / Single LED (EC001019)

Voltage type DC Nominal current mA					
Luninous fluxImImLuninous fluxImImNominal voltageVImVotage typeImmImmNominal currentImmImmPower consumptionVImmDiameterImmImmLengthImmImmBeam angleImmImmLengty efficiency classImmImmWeighted energy consumption in 1000 hoursImmImmMain and the second energy efficiency classImmImmMain and the second energy efficience <td< td=""><td colspan="5">Electric engineering, automation, process control engineering / Lighting installation, device / Light medium / Single LED (ecl@ss10.0.1-27-11-06-36 [AKE247013])</td></td<>	Electric engineering, automation, process control engineering / Lighting installation, device / Light medium / Single LED (ecl@ss10.0.1-27-11-06-36 [AKE247013])				
Nominal voltageNominal voltage typeNominal currentNominal currentNominal currentNominal currentNominal voltage typeNominal voltage type	Colour		Yellow		
Votage type DC Nominal current mA 1500 Power consumption C W 0.505 Diameter mm 0 Length mm 17 Beam angle e * 80 Lengty efficiency class e * 80 Weighted energy consumption in 1000 hours e W 80	Luminous flux	Im	0		
Nominal current mA 1500 Power consumption V 0.2505 Diameter mm 0 Length mm 17 Beam angle e % Energy efficiency class e % Weighted energy consumption in 1000 hours e MA	Nominal voltage	V	30		
Power consumptionW0.505Diametermm0Lengthmm17Beam angleeeEnergy efficiency classeeWeighted energy consumption in 1000 hourseeMarkKWh240	Voltage type		DC		
Diameter mm 0 Length mm 7 Beam angle e % Energy efficiency class e % Weighted energy consumption in 1000 hours e kWh	Nominal current	mA	12500		
Length nm 1 Beam angle • • • Energy efficiency class • • • Weighted energy consumption in 1000 hours • • •	Power consumption	W	0.2505		
Beam angle P Energy efficiency class M Weighted energy consumption in 1000 hours KWh	Diameter	mm	0		
Energy efficiency class KWh Weighted energy consumption in 1000 hours KWh	Length	mm	17		
Weighted energy consumption in 1000 hours kWh	Beam angle	٥	360		
	Energy efficiency class				
Average nominal lifespan h 100000	Weighted energy consumption in 1000 hours	kWh	240		
	Average nominal lifespan	h	100000		