

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



Part no. **LEDWB-Y**
208724

General specifications		
Product name		Eaton Moeller® series RMQ16 Accessory Single chip LED
Part no.		LEDWB-Y
EAN		4015082087241
Product Length/Depth		17 millimetre
Product height		5 millimetre
Product width		5 millimetre
Product weight		0.7 gram
Certifications		UL/CSA certification not required
Product Tradename		RMQ16
Product Type		Accessory
Product Sub Type		Single chip LED
Catalog Notes		Integral suppressor circuit up to 1000 V Positive pole at X1
Features & Functions		
Color		Yellow
General information		
Average nominal lifespan		100000 h
Lifespan, electrical		100,000 h (at 25°C, according to EN60064)
Product category		Accessories
Voltage type		DC
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		60 °C
Electrical rating		
Nominal current		12500 mA
Nominal voltage - min		18 V
Nominal voltage - max		30 V
Power consumption		0.2505 W
Actuator		
Actuator diameter		0 mm
Communication		
Connection to SmartWire-DT		No
Design verification		
Equipment heat dissipation, current-dependent P _{vid}		0 W
Heat dissipation capacity P _{diss}		0 W
Heat dissipation per pole, current-dependent P _{vid}		0 W
Rated operational current for specified heat dissipation (I _n)		0 A
Static heat dissipation, non-current-dependent P _{vs}		0.12 W
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 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 9.0

Lamps (EG000028) / Single LED (EC001019)		
Electric engineering, automation, process control engineering / Lighting installation, device / Light medium / Single LED (ecl@ss13-27-11-06-36 [AKE247018])		
Colour		Yellow
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 according to EU regulation 2019/2015		F
Weighted energy consumption in 1000 hours	kWh	240
Average nominal lifespan	h	100000