DATASHEET - M22-LEDC230-G

Part no. Catalog No.

No.



LED element, green, base fixing, 85-264VAC

M22-LEDC230-G 216568 Alternate Catalog M22-LEDC230-GQ



EL-Nummer 4355381 (Norway)

Delivery program

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Basic function accessories			LED elements
Connection technique			Screw terminals
Fixing			Base fixing
Rated operational voltage	Ue	V	85 - 264 V AC, 50/60 Hz
Rated operational current	l _e	mA	5 - 15
Power consumption	P _{max} .	W	0.33
Lifespan to EN 60064 at $t_a = +25 \text{ °C}$	t _{mean} (AC)	h	100000
Degree of Protection			IP20
			At 230 V
Colour			
			green
Connection to SmartWire-DT			no
Approval			LED
Connection technique			Screw terminals
Notes			
For indicator lights, illuminated pushbutton actuators, and illuminated selector switch actuators, the following applies:			

M22...-R only in combination with M22-LED...-R

M22...-G only in combination with M22-LED...-G

M22...-W only in combination with M22-LED...-W

M22...-Y only in combination with M22-LED...-W

M22...-B in combination with M22-LED...-W or M22-LED...-B

Technical data

General		
Standards		IEC 60947-5-1
Operating torque (screw terminals)	Nm	≦ 0.8
Degree of Protection		IP20
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature		
Open	°C	-25 - +70
Storage	°C	- 40 - + 80
Mounting position		As required

Mechanical shock resistance according to IEC 60068-2-27 Shock duration 11 ms, half-sinusoidal		g	> 30
Mechanical shock resistance		g	30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27
Terminal capacities		mm ²	
Solid		mm ²	0.75 - 2.5
Stranded		mm ²	0.5 - 2.5
Contacts			
Rated impulse withstand voltage	U _{imp}	V AC	6000
Rated insulation voltage	Ui	V	500
Overvoltage category/pollution degree			III/3
Indoor and protected outdoor installation			

Design verification as per IEC/EN 61439

l _n	А	0
P _{vid}	W	0
P _{vid}	W	0
P _{vs}	W	1
P _{diss}	W	0
	°C	-25
	°C	70
		Meets the product standard's requirements.
		Meets the product standard's requirements.
		Meets the product standard's requirements.
:		Meets the product standard's requirements.
		Meets the product standard's requirements.
		Does not apply, since the entire switchgear needs to be evaluated.
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		Meets the product standard's requirements.
		Does not apply, since the entire switchgear needs to be evaluated.
		Meets the product standard's requirements.
		Does not apply, since the entire switchgear needs to be evaluated.
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		Is the panel builder's responsibility.
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		Is the panel builder's responsibility.
		The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
		The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
	P _{vid} P _{vid} P _{vs}	P _{vid} W P _{vid} W P _{vs} W P _{diss} W C C

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Lamp holder block for control circuit devices (EC000204)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Bulb socket block for command and alarm devices (ecl@ss10.0.1-27-37-12-09 [AKF027014])

Transformer integrated		No
With integrated voltage decreasing resistor		No
With light source		Yes
With integrated diode		Yes
Lamp holder		None
Rated voltage Ue at AC 50 Hz	V	85 - 264
Rated voltage Ue at AC 60 Hz	V	85 - 264
Rated voltage Ue at DC	V	0 - 0
Voltage type for actuating		AC
Lamp type		LED
Connection type auxiliary circuit		Screw connection
Colour lamp		Green
Type of fastening		Floor fastening

Approvals

Product Standards	IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking
UL File No.	E29184
UL Category Control No.	NKCR
CSA File No.	012528
CSA Class No.	3211-03
North America Certification	UL listed, CSA certified
Degree of Protection	UL/CSA Type: -

Dimensions

Pushbutton with M22-(C)K... Pushbutton with M22-(C) LED... + M22-XLED...