



LED element, Flat Rear, blue, front mounting

Part no.	M22-FLED-B
Catalog No.	180796
Alternate Catalog No.	M22-FLED-B
EL-Nummer (Norway)	4315747

Delivery program

Basic function accessories	LED elements		
Description	Cage Clamp is a registered trademark of Wago Kontakttechnik GmbH/Minden, Germany		
Connection technique	Cage Clamp, Push-in		
Fixing	Front fixing		
Rated operational voltage	U _e	V	12 - 30 V AC/DC, 50/60 Hz (Standard 24 V AC/DC)
Rated operational current	I _e	mA	5 - 15
Power consumption	P _{max.}	W	0.26
Lifespan to EN 60064 at t _a = +25 °C	t _{mean} (AC)	h	100000
Degree of Protection	IP20 at 24 V		
Colour	Blue		
Connection to SmartWire-DT	no		
Approval			
Connection technique	Cage Clamp, Push-in		
Notes			
For indicator lights, illuminated pushbutton actuators, and illuminated selector switch actuators, the following applies:			
M22...-R only in combination with M22-FLED...-R			
M22...-G only in combination with M22-FLED...-G			
M22...-W only in combination with M22-FLED...-W			
M22...-Y only in combination with M22-FLED...-W			
M22...-B in combination with M22-FLED...-W or M22-FLED...-B			

Technical data

General		
Standards		IEC 60947-5-1
Degree of Protection		IP20
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30

		Dry heat to IEC 60068-2-2
Ambient temperature		
Open	°C	-25 - +70
Storage	°C	-40 - +85
Mounting position		As required
Mechanical shock resistance according to IEC 60068-2-27 Shock duration 11 ms, half-sinusoidal	g	> 50
Terminal capacities	mm ²	
Solid	mm ²	1 x 1 (0.2 - 1.5) 1 x 1 (075 - 1.5) Can be plugged without tools
Stranded	mm ²	1 x 1 (0.2 - 1.5)
Flexible with ferrule	mm ²	1 x 1 (0.25 - 1) Use WAGO Variocrimp 4 crimping tool; please enquire for others
Solid or stranded	AWG	20

Contacts

Rated impulse withstand voltage	U _{imp}	V AC	4000
Rated insulation voltage	U _i	V	250
Oversupply category/pollution degree			III/3
Indoor and protected outdoor installation			

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.	°C	-25	
Operating ambient temperature max.	°C	70	

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	12 - 30
Rated voltage Ue at AC 60 Hz	V	12 - 30
Rated voltage Ue at DC	V	12 - 30
Voltage type for actuating		AC/DC
Lamp type		LED
Connection type auxiliary circuit		Spring clamp connection
Colour lamp		Blue
Type of fastening		Front 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

