

## LED element, Flat Rear, red/green, front mounting



<b>Part no.</b>	<b>M22-FLED-RG</b>
<b>Catalog No.</b>	<b>180799</b>
<b>Alternate Catalog No.</b>	<b>M22-FLED-RG</b>
<b>EL-Nummer</b>	<b>4315750</b>
<b>(Norway)</b>	

## 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 <sub>e</sub>	V
<b>Rated operational current</b>	I <sub>e</sub>	mA
Power consumption	P <sub>max.</sub>	W
Lifespan to EN 60064 at t <sub>a</sub> = +25 °C	t <sub>mean</sub> (AC)	h
Degree of Protection		IP20
		at 24 V
<b>Colour</b>		Red/green
Connection to SmartWire-DT		no
Connection technique		Cage Clamp, Push-in

## Notes

For indicator lights, illuminated pushbutton actuators, and illuminated selector switch actuators, the following applies: Only in combination with M22-...-W

## Terminal diagram:

	<b>Colors</b>	<b>Pin</b>			
M22-FLED-RG	red	X1 +R x	X2 +G	X3 +B	X4 GND x
	green		x		x
	yellow	x	x		x
M22-FLED-RGB	red	x			x
	green		x		x
	yellow	x	x		x
	White	x	x	x	x
	blue			x	x
	Violet	x		x	x
	Turquoise		x	x	x

## 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 <sup>2</sup>	
Solid	mm <sup>2</sup>	1 x 1 (0.2 - 1.5) 1 x 1 (0.75 - 1.5) Can be plugged without tools
Stranded	mm <sup>2</sup>	1 x 1 (0.2 - 1.5)
Flexible with ferrule	mm <sup>2</sup>	1 x 1 (0.25 - 1) Use WAGO Variocrimp 4 crimping tool; please enquire for others

Solid or stranded	AWG	20
<b>Contacts</b>		
Rated impulse withstand voltage	U <sub>imp</sub>	V AC 4000
Rated insulation voltage	U <sub>i</sub>	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 8.0

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	0 - 0
Rated voltage Ue at AC 60 Hz	V	0 - 0
Rated voltage Ue at DC	V	24 - 24
Voltage type for actuating		DC
Lamp type		LED
Connection type auxiliary circuit		Spring clamp connection
Colour lamp		Multi-coloured
Type of fastening		Front fastening