

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

**Part no.** M22-FLED-RG  
**Catalog No.** 180799  
**Alternate Catalog No.** M22-FLED-RG  
**EL-Nummer (Norway)** 4315750

## 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	24 V DC
<b>Rated operational current</b>	$I_e$	mA	10 - 15
Power consumption	$P_{max.}$	W	0.36
Lifespan to EN 60064 at $t_a = +25\text{ °C}$	$t_{mean} (AC)$	h	100000
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:

	Colors	Pin	X1	X2	X3	X4
		X1				
		+R		+G	+B	GND
M22-FLED-RG	red	x				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
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## Contacts

Rated impulse withstand voltage	U <sub>imp</sub>	V AC	4000
Rated insulation voltage	U <sub>i</sub>	V	250
Overvoltage 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 (ecI@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 U <sub>e</sub> at AC 50 Hz		V	0 - 0
Rated voltage U <sub>e</sub> at AC 60 Hz		V	0 - 0
Rated voltage U <sub>e</sub> 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