



Diode Indicating Lamps for Panel Mounting Series 8013

- Explosion protection to
 - CENELEC
 - IEC
 - NEC
- Can be used in Zone 1 and Zone 2
- Colours:
 - white, red, yellow, green
- High luminance
- Low heat build-up
- Very long life
- With flexible leads or terminals



STAHL

The 8013 series is an indicating lamp system using LED's. The indicating lamps consist of a power supply and a light source which can be changed from the front.

The patented fixing mechanism saves time when inserting the control switches into the panel.

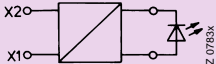
Zone 1 and Zone 2

Selection table

Illustration	Voltage	Colour	Version	Ordering code	Weight [kg]
 <p>8013/2 Diode indicating lamp with flexible lead</p>	24 V AC	white	with flexible lead 3 m	8013/22-02-93	0,4
			with flexible lead 6 m	8013/22-02-96	0,6
			with terminals	8013/24-02-9	0,13
		red	with flexible lead 3 m	8013/22-02-23	0,4
			with flexible lead 6 m	8013/22-02-26	0,6
			with terminals	8013/24-02-2	0,13
		yellow	with flexible lead 3 m	8013/22-02-43	0,4
			with flexible lead 6 m	8013/22-02-46	0,6
			with terminals	8013/24-02-4	0,13
		green	with flexible lead 3 m	8013/22-02-53	0,4
			with flexible lead 6 m	8013/22-02-56	0,6
			with terminals	8013/24-02-5	0,13
 <p>8013/2 Diode indicating lamp with terminals</p>	110/127 V AC	white	with flexible lead 3 m	8013/22-03-93	0,4
			with flexible lead 6 m	8013/22-03-96	0,6
			with terminals	8013/24-03-9	0,13
		red	with flexible lead 3 m	8013/22-03-23	0,4
			with flexible lead 6 m	8013/22-03-26	0,6
			with terminals	8013/24-03-2	0,13
		yellow	with flexible lead 3 m	8013/22-03-43	0,4
			with flexible lead 6 m	8013/22-03-46	0,6
			with terminals	8013/24-03-4	0,13
		green	with flexible lead 3 m	8013/22-03-53	0,4
			with flexible lead 6 m	8013/22-03-56	0,6
			with terminals	8013/24-03-5	0,13
	220/240 V AC	white	with flexible lead 3 m	8013/22-01-93	0,4
			with flexible lead 6 m	8013/22-01-96	0,6
			with terminals	8013/24-01-9	0,13
		red	with flexible lead 3 m	8013/22-01-23	0,4
			with flexible lead 6 m	8013/22-01-26	0,6
			with terminals	8013/24-01-2	0,13
		yellow	with flexible lead 3 m	8013/22-01-43	0,4
			with flexible lead 6 m	8013/22-01-46	0,6
			with terminals	8013/24-01-4	0,13
		green	with flexible lead 3 m	8013/22-01-53	0,4
			with flexible lead 6 m	8013/22-01-56	0,6
			with terminals	8013/24-01-5	0,13

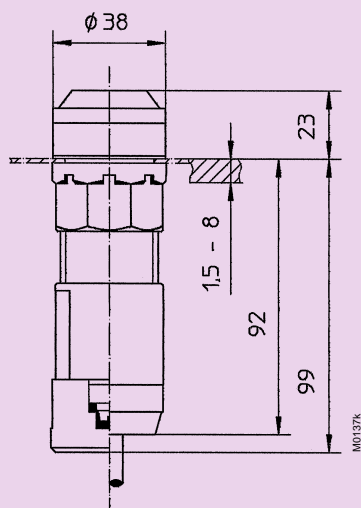
Note: Other voltages on request!

Technical data

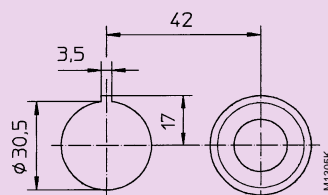
Indicating lamps	Diode indicating lamps
Explosion protection with flexible lead with terminals	EEx de IIC T6 EEx de IIC T6
Test certificate with flexible lead with terminals	PTB Nr. Ex-81/2028 PTB Nr. Ex-82/2002 U Other certificates: FM (USA), SEV (Switzerland), BKI (Hungary), CSA (Canada), TÜV Vienna (Austria), FTZU Czech Republic, SZS (Yugoslavia)
Material Enclosure/actuator	Polyester/Polyamide
Rated voltage	24, 42 V, UC 110/127, 220/230/240 V, AC
Rated current	max. 50 mA
Rated power	max. 1,5 W
Electrical life	10 ⁵ output hours
Colours	red, yellow, green, white
Schematic	
Ambient temperature	- 20° C ... + 40° C
Degree of protection	IP 20
Connection Flexible lead Terminals	2 x 0,75 mm ² H05VV-F, with 3- or 6-m length 2 x 1,5 mm ² flexible

STAHL

Dimensions, all dimensions in mm – subject to alteration


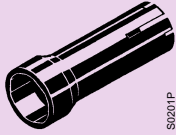



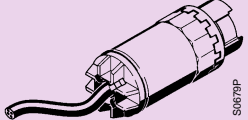
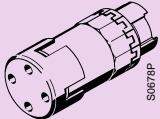


8013
Indicating lamp



Cut-out for aligning several
devices Ø 38 mm in a panel

Accessories and spare parts

Designation	Description	Ordering code	Weight [kg]				
Additional symbol disc	 <p>For actuators to fit standard Ø 30,5 mm holes:</p> <p>Label mount, size 1, without symbol disc. Specify symbol disc text</p> <p>Label mount, size 2, without symbol disc. Specify symbol disc text</p> <p>Additional label: plain</p> <p>Text options: HAND – 0 – AUTO OFF – □ – ON 0 – I I – II I – 0 – II 0 – I – II 0 – Operation – I 0 – □ – I 0 – I</p>	86 029 04 80 0					
		86 028 07 80 0					
Special key	 <p>for changing lens and light source</p>	80 159 01 40 0	0,01				
Bezel	 <p>round, Ø 30,5 mm, with clear lens for 8013 and 8015</p>	80 150 01 58 0	0,01				
Lens	 <p>clear, for 8013 and 8015</p>	80 159 01 58 0	0,01				
Light source	 <p>for 8013</p> <p>Colour: white red yellow green</p>	80 130 04 21 0	0,015				
		80 130 01 21 0	0,015				
		80 130 02 21 0	0,015				
		80 130 03 21 0	0,015				
Power unit	 <p>for diode indicating lamp 8013</p>	24 V AC/DC	with flexible lead	3 m	80 130 05 79 0	0,12	
				6 m	80 130 06 79 0	0,12	
			with terminals		80 130 20 79 0	0,12	
			110/127 V AC	with flexible lead	3 m	80 130 08 79 0	0,14
					6 m	80 130 09 79 0	0,14
				with terminals		80 130 21 79 0	0,14
	220/240 V AC		with flexible lead	3 m	80 130 02 79 0	0,1	
				6 m	80 130 03 79 0	0,1	
			with terminals		80 130 19 79 0	0,1	