

## RG 85 III - Key switch, square design, 1 NO, without lens

**3.99.400.112/2400**

Please order lenses separately.



### Dimensions

Mounting grid min.	55 x 35 mm
Length	64 mm
Width	34 mm

### Mechanical design

Version	square
Mounting	on U-rails or single mounting
Terminals	8-pin Micro-Match® female connector
Contact system	snap-action contact
Contact arrangement	1 NO
Contact materials	Ag
Symbol illumination	2 LED yellow
Edge illumination	4 LED white

### Mechanical characteristics

Operating force	3.5 N
Operating travel	1 mm
Switching travel NO	1 mm
Switching travel NC	0.6 mm

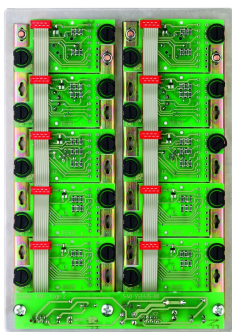
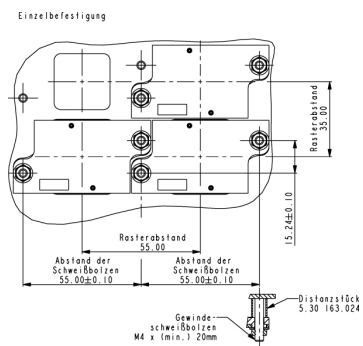
### Electrical characteristics

Rated voltage min.	3 V
Rated voltage max.	35 V
Rated current min.	0.1 mA
Rated current max.	250 mA
Rated power max.	12.5 W
Contact resistance when new max.	100 mΩ
Contact resistance acc. to life max.	3 Ω
Bouncing time max.	10 ms
Operating voltage for LED	24 <sup>±20%</sup> V
Input current LED	per color/LED row 9 - 16 mA

### Other specifications

Ambient temp. operating min.	-25 °C
Ambient temp. operating max.	+70 °C
Storage temperature min.	-40 °C
Storage temperature max.	+80 °C
Environmental resistance	acc. to IEC 60068-2-14, -30, -33 and -78





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