

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

3.99.400.111/5500

Please order lenses separately.



Dimensions

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

Mechanical design

| | |
|---------------------|-------------------------------------|
| Version | round |
| 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 green |
| Edge illumination | 4 LED green |

Mechanical characteristics

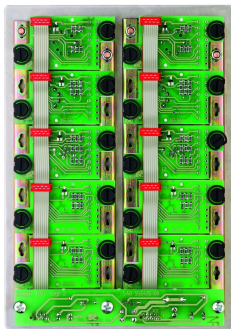
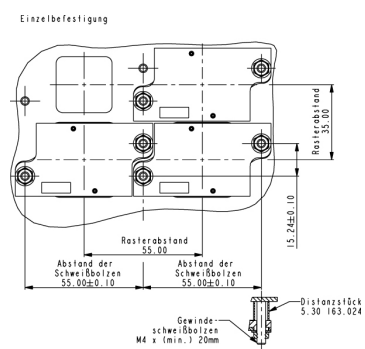
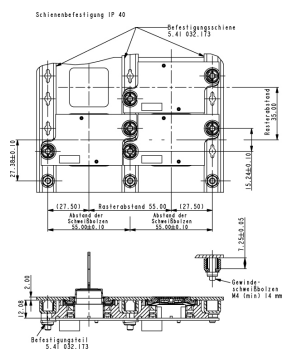
| | |
|---------------------|--------|
| Operating force | 3.5 N |
| Operating travel | 1 mm |
| Switching travel NO | 1 mm |
| Switching travel NC | 0.6 mm |

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 ^{±20%} 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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