

Datasheet

→ KRVK4OP

07/18/2025



Technical data

Emergency stop

Type	KRVK4OP
Series	KOMBITAST®-R
Rubric	Emergency-stop
Approvals	CE, cURus, TÜV_Süd, UKCA



→ General data

Design	Round
Operating temperature	-25 °C ... 70 °C
Panel cut-out	Ø 30.5 mm
Mounting depth	12.5 mm
Lens colour	Red
Enclosure colour	Yellow
Contact material	AgNi
Storage temperature	-40 °C ... 80 °C
Standards	EN 60947-5-1 EN 60947-5-5 EN ISO 13850
Degree of protection front	IP65

→ Electrical data

<i>Rated operating voltage</i> <i>IEC/EN 60947-5-1</i>	240 V AC 120 V AC 250 V DC 125 V DC 60 V DC 24 V DC
<i>Rated operating current</i> <i>IEC/EN 60947-5-1</i>	1.5 A AC 3 A AC 0.27 A DC 0.55 A DC 1 A DC 2 A DC
<i>Rated insulation voltage</i> <i>IEC/EN 60947-5-1</i>	250 V AC 250 V DC
<i>Contact resistance</i>	< 50 mΩ new state
<i>Electrical lifetime</i>	50,000 switching cycles at rated voltage
<i>Utilisation category</i> <i>IEC/EN 60947-5-1</i>	AC15 B300 DC13 Q300
<i>Contact type</i>	4NC
<i>Bouncing time</i>	< 10 ms
<i>Switching capacity</i>	240 V AC/DC 1.5 A 42 V 250 mA
<i>Breaking capacity</i> <i>IEC/EN 60947-5-1</i>	10 Ie AC 1.1 Ie DC
<i>Thermal continuous current</i>	5 A AC
<i>Overvoltage category</i>	II
<i>Pollution degree</i>	2

→ Mechanical data

<i>Connection</i>	PCB-mount terminals
<i>Operating force</i>	Abt. 15 N ... 20 N at 20 mm/min
<i>Tightening torque fixing nut</i>	1.2 Nm ... 2 Nm Befestigungsmutter: M36.452.4
<i>Mounting position</i>	Any

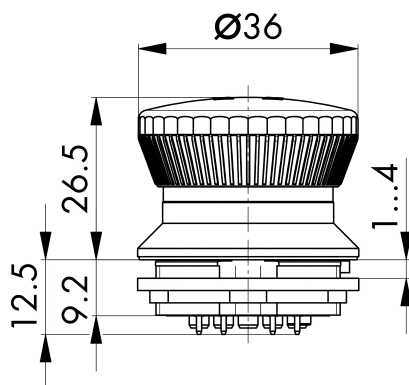
<i>Release</i>	Twist to release left/right
<i>Mechanical lifetime</i>	50,000 switching cycles
<i>Switching function</i>	Latching function
<i>Switching position indicator</i>	Yes
<i>Foolproof</i>	Yes
<i>Positive opening</i>	Acc. to EN60947-5-1, appendix K

→ **Safety data**

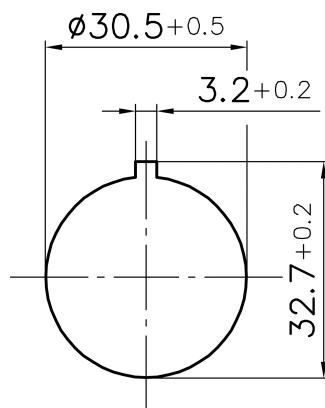
<i>B10d</i>	350,000
<i>Lifetime</i>	20 % NC

Technical drawings

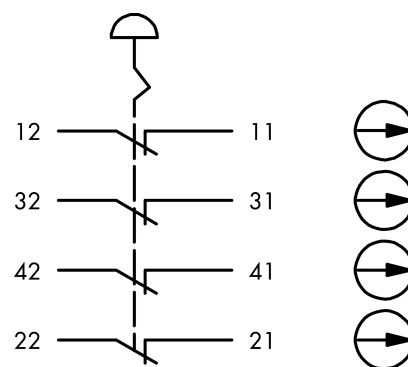
→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram



→ Switching path diagram

