

ROCKER-TYPE SWITCHES AND CHANGE-OVER SWITCHES




Rocker-type switches and change-over switches

- For electric circuit switching up to 16 A.
- Use in both building and industrial installations and security technology.
- Switches with backlighting (glow lamp).
- Change-over switches with interposition.
- Change-over switches with interposition without arresting.
- Modular design with fastening on the „U“ rail wide 35 mm according to EN 60715.

Design	Arrangement of contacts ¹⁾	Type	Product code	Number of modules	Weight [kg]	Package [pcs]
Switch	10	MSK-10	35678	1	0.065	1
Switch with red backlight	10	MSK-10-SC	35679	1	0.065	1
Switch with green backlight	10	MSK-10-SE	35680	1	0.065	1
Change-over switch	001	MSK-001-1X2	35682	1	0.065	1
Change-over switch with intermediate position	001	MSK-001-102	35681	1	0.065	1
Change-over switch with intermediate position without arrestment	001	MSK-001-1T2	35683	1	0.065	1

¹⁾ Each digit indicates successively the number of make, break and break-make contacts

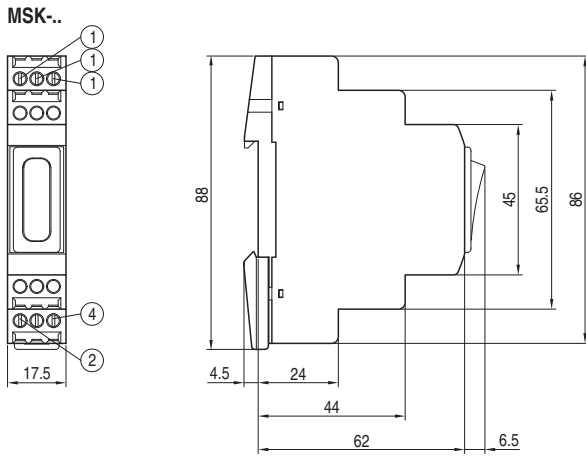
Specifications

Type		MSK-10 MSK-10-..	MSK-001-1X2	MSK-001-102 MSK-001-1T2
Standards		EN 60947-5-1 EN 60669-1 EN 60073 EN 61058-1	EN 60947-5-1 EN 60669-1 EN 60073 EN 61058-1	EN 60947-5-1 EN 60669-1 EN 60073 EN 61058-1
Approval marks				
Contacts				
Arrangement of contacts ¹⁾		10	001	001
Rated operating voltage	U_e	250 V a.c., 12 V d.c.	250 V a.c., 12 V d.c.	250 V a.c., 12 V d.c.
Min. switched power		300 mW	300 mW	300 mW
Min. voltage	U_{min}	12 V	12 V	12 V
Rated thermal current	I_{th}	16 A	10 A	6 A
Rated operating current	I_e	AC-1	16 A	10 A
		AC-15	10 A	6 A
		AC-5a - $\cos\varphi=0,5$	6 A	4 A
		AC-5a - $\cos\varphi=0,9$	2 A	1.1 A
		AC-5b	4.4 A	2.6 A
		DC-1	10 A	10 A
Electrical endurance		50 000 operating cycles	50 000 operating cycles	50 000 operating cycles
Mechanical endurance		100 000 op. cycles	100 000 op. cycles	50 000 operating cycles
Connection		0.2 ÷ 2.5 mm ²	0.2 ÷ 2.5 mm ²	0.2 ÷ 2.5 mm ²
Torque		0.5 Nm	0.5 Nm	0.5 Nm
Other data				
Mounting on „U“ rail according to EN 60715 - type		TH 35	TH 35	TH 35
Degree of protection		IP20	IP20	IP20
Ambient temperature		-20 ÷ +55 °C	-20 ÷ +55 °C	-20 ÷ +55 °C
Working position		arbitrary	arbitrary	arbitrary

¹⁾ Each digit indicates successively the number of make, break and break-make contacts

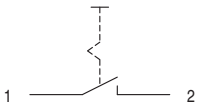
ROCKER-TYPE SWITCHES AND CHANGE-OVER SWITCHES

Dimensions

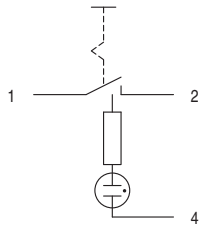


Diagram

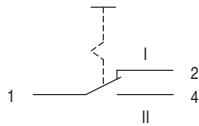
MSK-10



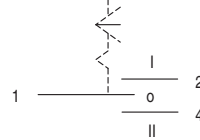
MSK-10-..



MSK-001-1X2



MSK-001-102



MSK-001-1T2

