Technical Data

Metal Switches

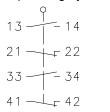


Series D

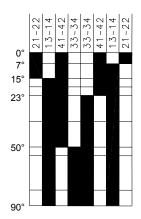
Description D-SU2 VKS 90GR

Article number 6142200765

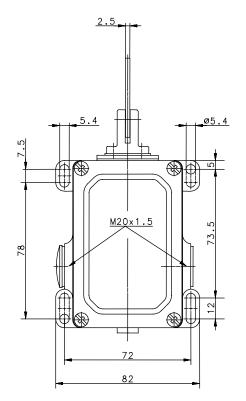
Operating symbol

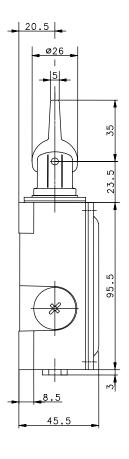


Operating diagram



Self arresting off 33°







Tolerances

Operating point: ± 3,5°; Operating torque: ± 10%

Electrical data		
Rated insulation voltage	Ui	400 V AC
Conv. thermal current	I_{the}	10 A
Rated operational voltage	U_e	240 V
Utilization category		AC-15, U _e /I _e 240 V/3 A
Short-circuit protective device		Fuse 2 A gL/gG
Protection class		I

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Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Lever (St)
Ambient air temperature	-40 °C/ +80 °C
Contact type	2 NO, 2 NC
Mechanical life	1 x 10 ⁶ operating cycles
Switching frequency	≤ 50 / min.
Assembly	4 x M5
Connection	8 screw terminals (M3,5)
Conductor cross-sections	Solid: 0,5 1,5mm ²
	Litz wire with ferrules: 0,5 1,5mm ²
Cable entrance	2 x M20 x 1,5
Weight	≈ 0,4 kg
Installation position	Operator definable
Protection type	IP65 acc. to IEC/EN 60529

Actuation

The actuating device is preferably started from 2 sides.

By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 4 actuation directions are possible.

The actuation assembly is to be again fastened to the housing using the 4 screws.

Standards	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
EU Conformity	C€
Approvale	CSA A300 (cama polarity)
Approvals	_C CSA _{US} A300 (same polarity)

Notes

The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent cable gland with adequate cable. The switch has to be protected from all kinds of weather conditions.

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