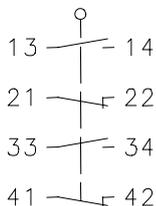


### Series D

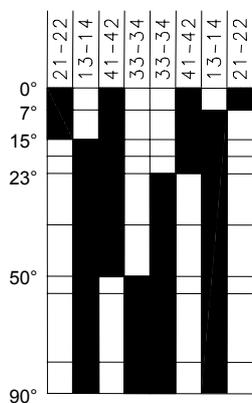
Description **D-SU2 VKS 90GR**

Article number **6142200765**

#### Operating symbol

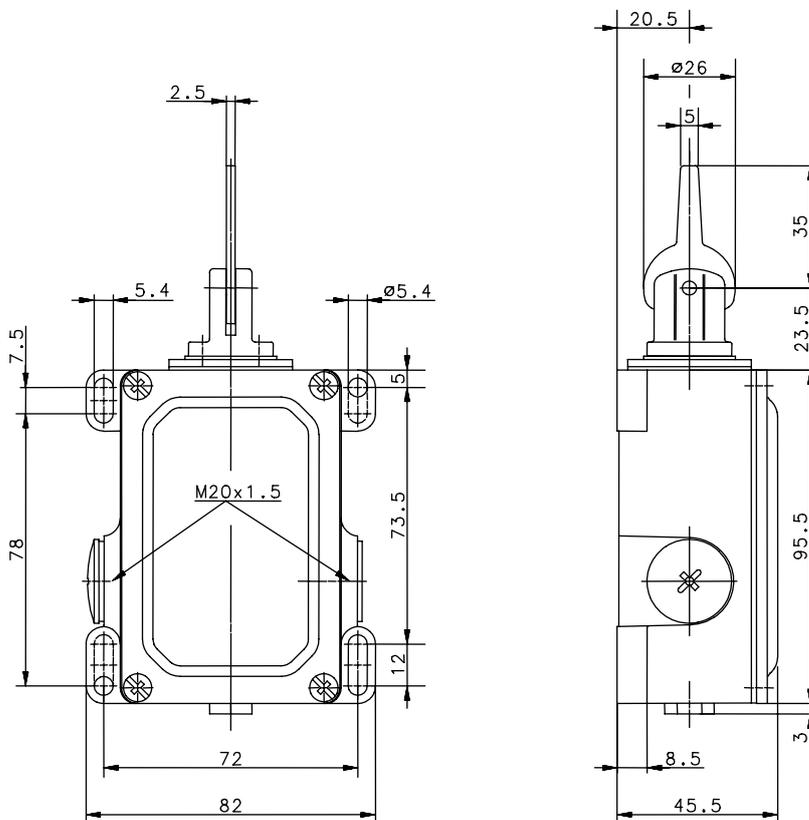


#### Operating diagram



Self arresting off 33°

  Tolerances  
 ON OFF Operating point:  $\pm 3,5^\circ$ ;  
 Operating torque:  $\pm 10\%$



#### Electrical data

Rated insulation voltage	$U_i$	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 <sup>6</sup> operating cycles
Switching frequency	≤ 50 / min.
Assembly	4 x M5
Connection	8 screw terminals (M3,5)
Conductor cross-sections	Solid: 0,5 ... 1,5mm <sup>2</sup> Litz wire with ferrules: 0,5 ... 1,5mm <sup>2</sup>
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

CE

### 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.