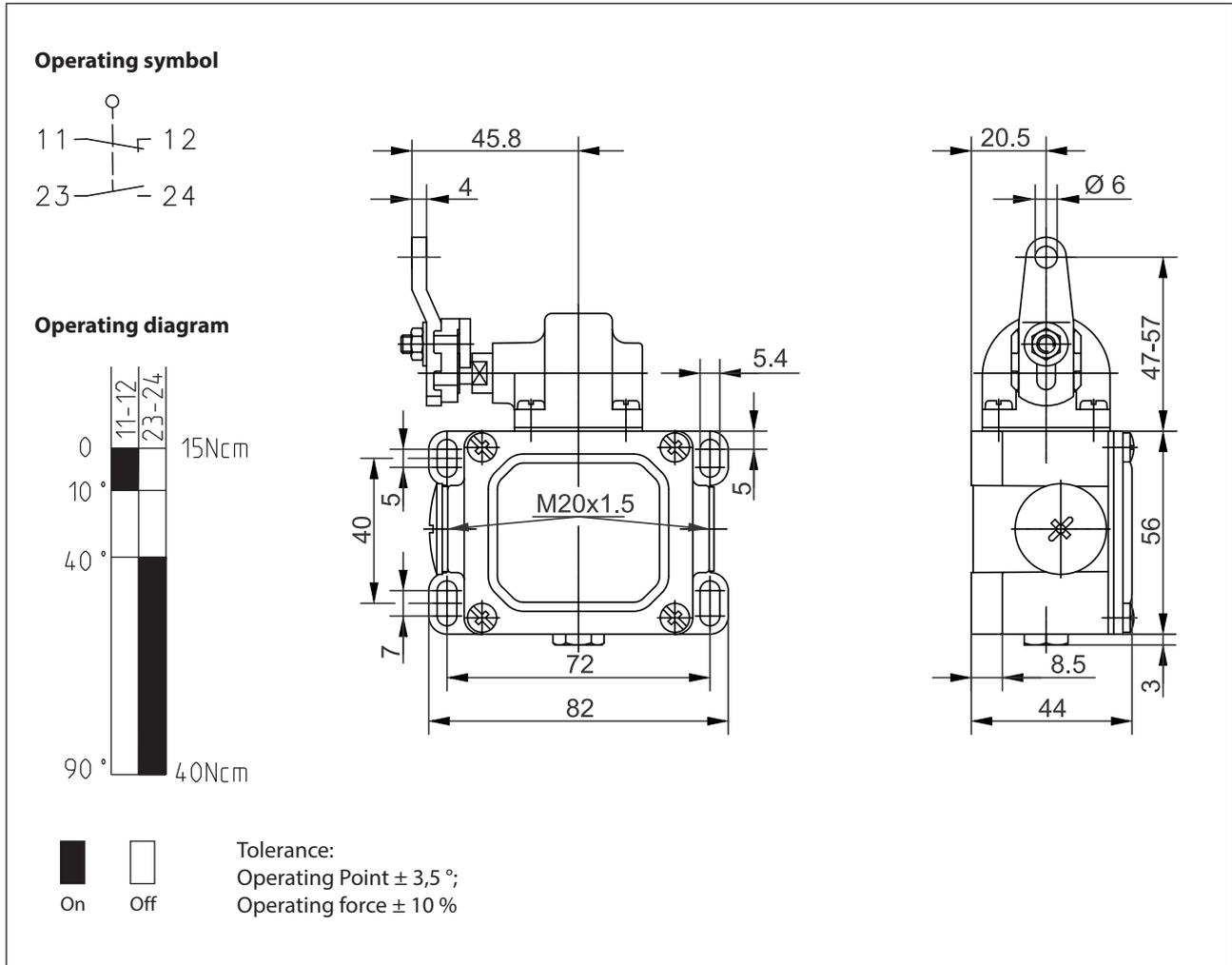


Metal bodied limit switch Series D

Description **D-U1 AK 90GR**

Article number **6141138792**



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 10 A gG
Protection class		I

Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	TLever arm housing (die-cast aluminium), Lever (St)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 N.C., 1 N.O.
Mechanical life	10 x 10 ⁶ switching cycles
Switching frequency	≤ 100 / min.
Assembly	4 x M5
Connection	4 screw connections (M4)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm ² or Litz wire with ferrules: 0,5 ... 1,5 mm ²
Cable entrance	2 x M20 x 1,5
Weight	≈ 0,46 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

Actuation
By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 8 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
acc. to directive 2006/95/EC

Approvals
cCSA _{US} A300 (same polarity)

Notes
The degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent cable gland with adequate cable.