

Technical Data

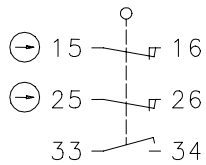
Plastic bodied limit switch

Series C81

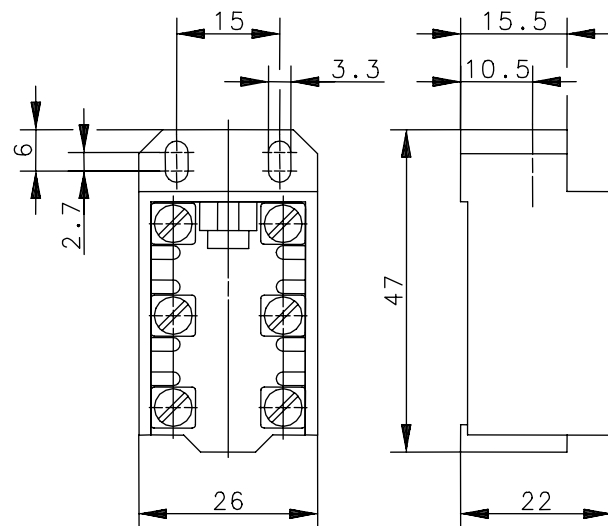
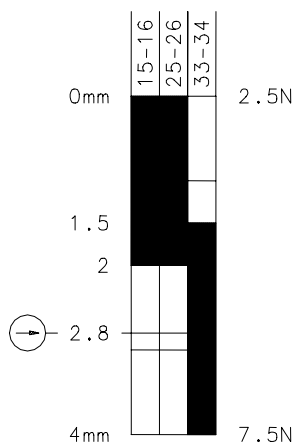
Description **C81-UV15Z**



Article number **6007601002**

Operating symbol




Operating diagram



 On
 Off
 Tolerance:
 Operating point $\pm 0.25\text{mm}$;
 Actuating force: $\pm 10\%$

Electrical data

Rated insulation voltage	U_i	250V AC
Conv. thermal current	I_{the}	5A
Rated operational voltage	U_e	240V AC
Utilization category		AC-15, U_e/I_e 240V/1.5A
Direct opening action		according to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 6A gL/gG

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Technical Data

Plastic bodied limit switch

Mechanical data

Enclosure	Thermoplastic, glass fibre reinforced
Actuator	Plunger inside located, Ø8
Ambient air temperature	-30°C ... +80°C
Contact type	2 NC, 1 NO (Zb)
Mechanical life	1 x 10 ⁶ switching cycles
Switching frequency	≤ 100/min
Assembly	2 x M3
Connection	6 screw connections (M3)
Conductor cross-sections	Solid: 0.5 ... 1.5mm ² Litz wire with ferrules: 0.5 ... 1.5mm ²
Weight	≈ 0.03kg
Installation position	Operator definable
Protection type	IP00 acc. to EN 60529; DIN VDE 0470 T1

Actuation

Actuating the device is possible only in direction of the plunger.

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



Notes

Because of the open construction of the device there is no special protection against ingressing of water and touching parts under voltage