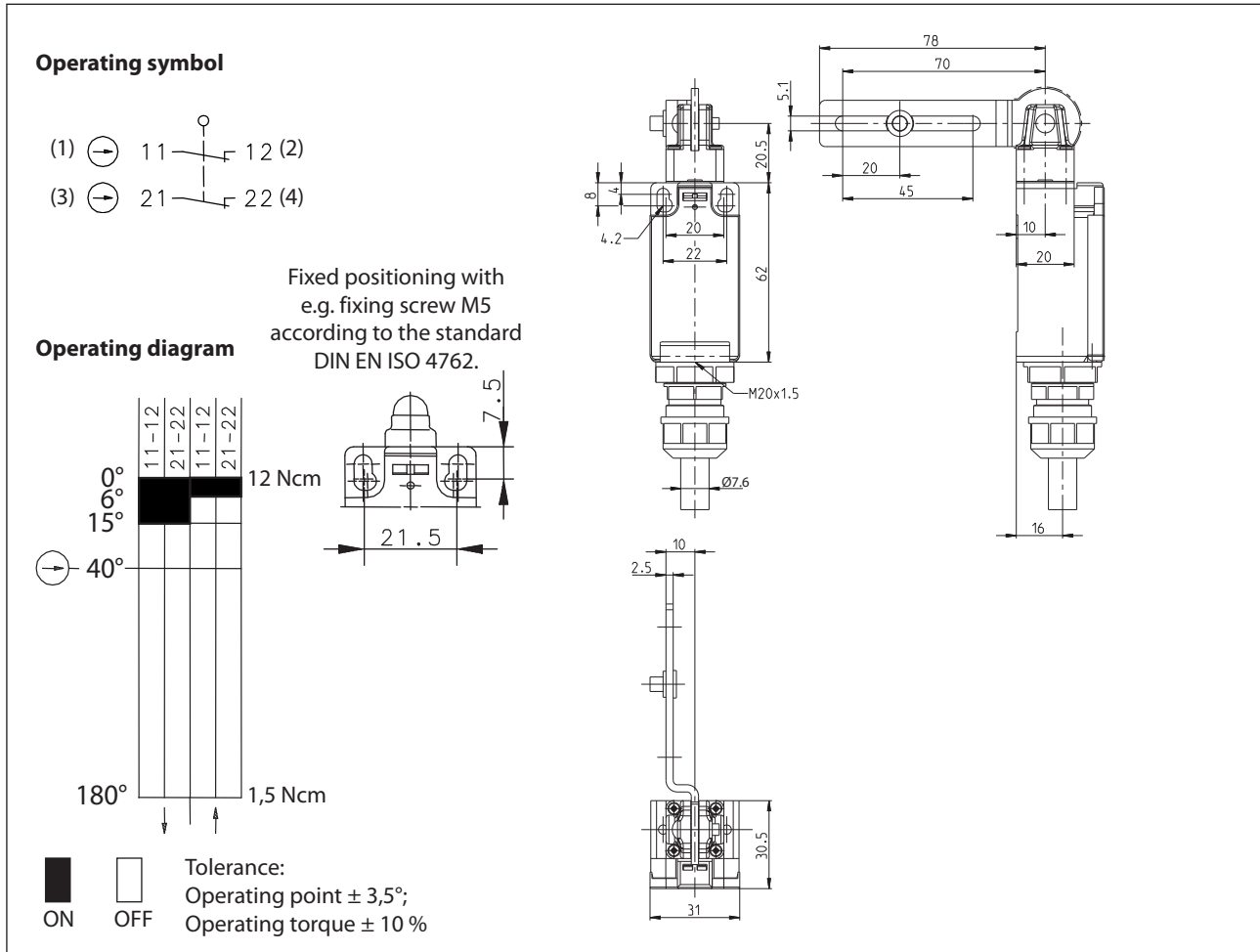


Plastic bodied limit switch

Series I88

Description **I88-SA2Z VKW RE 180GR**

Article number **6186800821**



| Electrical Data | | |
|---------------------------------|-----------|-----------------------------------|
| Rated insulation voltage | U_i | 250 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 |
| Positive opening operation | | acc. to IEC/EN 60947-5-1, annex K |
| Short-circuit protective device | | Fuse 6 A gG |
| Protection class | | II, totally insulated |

| Mechanical data | |
|-------------------------|--|
| Enclosure | Thermoplastic, glass fibre reinforced (UL 94-V0) |
| Cover | Thermoplastic, glass fibre reinforced (UL 94-V0) |
| Actuator | Lever (metal) |
| Ambient air temperature | Fixed cable: -30 °C...+70 °C |
| Contact type | 2 NC (Zb) |
| Mechanical life | 1 x 10 ⁶ operating cycles |
| Switching frequency | ≤ 50 / min. |
| Assembly | 2 x M4 |
| Connection | Cable 5 x 1,5 mm ² x 15000 mm+10 %, special PVC hose line, gray (Helucable-No.: 83685), hose coupling Typ EH-M16x1.5/9 by MurrPlastik |
| Weight | ≈ 2,6 kg |
| Installation position | operator definable |
| Protection type | IP20 acc. to IEC/EN 60529 |

| 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 2014/35/EU (Low-Voltage-Directive) |

| Notes | |
|---|--|
| <p>The degree of protection (IP code) specified applies solely to a property closed cover and the use of an cable protection hose Typ EH-M12/P09 by MurrPlastik or to the plug matching mounted counterpart. Since a cable strain relief is not given, the device is only suitable for a fixed laying of the cable.</p> | |