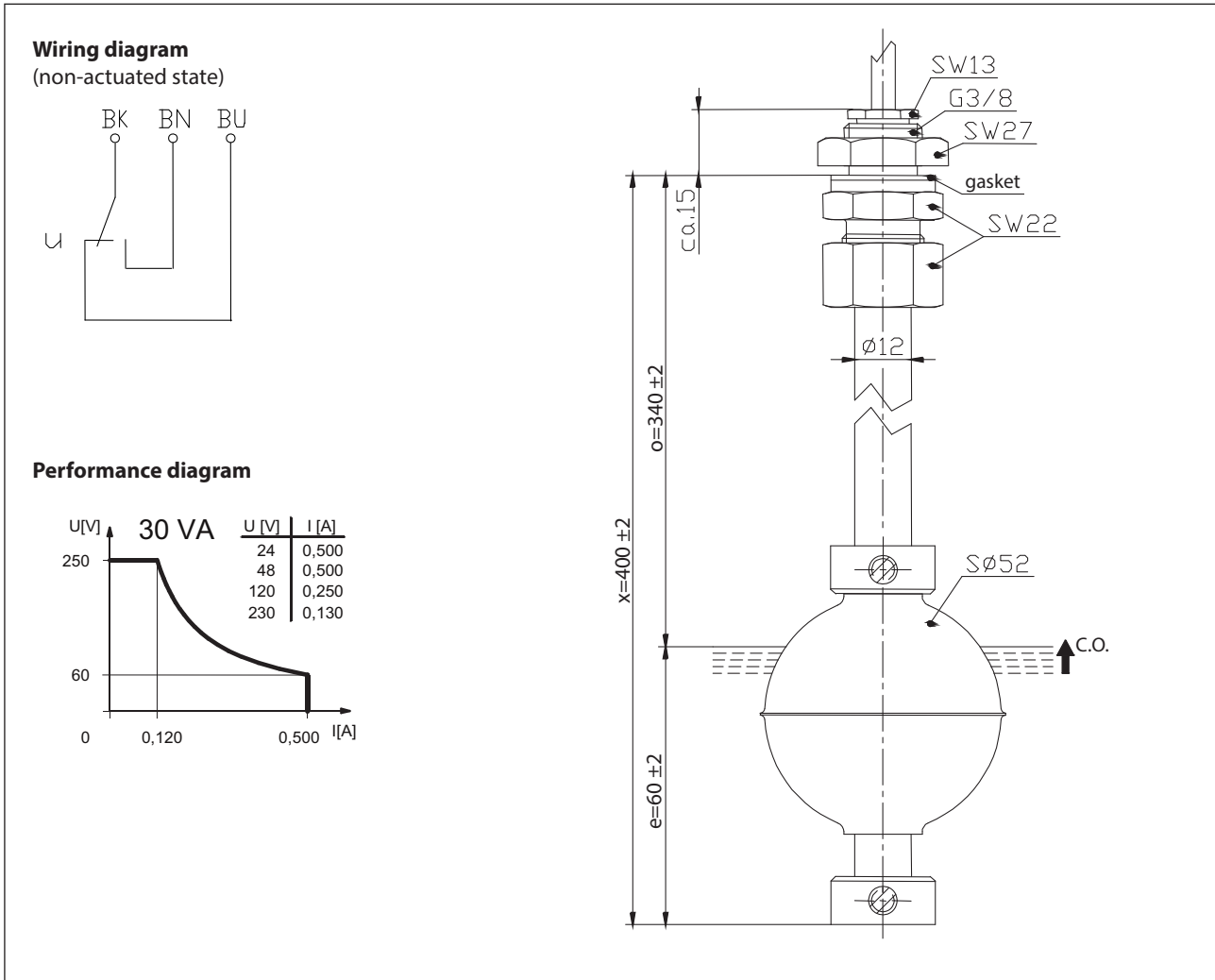


Float switch

Series Standard-Float switch

Description **MAE-713 KAS 0400**

Article number **6815182027**



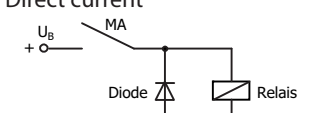
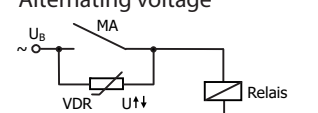
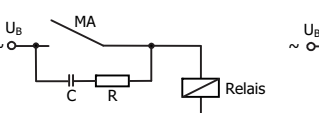
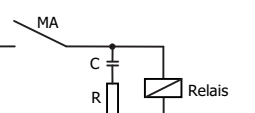
| Electrical data | | | |
|---------------------------------|-----------|---|--|
| Rated voltage | U_r | 250 V | |
| max. switching current | | 0,5 A | |
| max. switching capacity | | 30 VA | |
| Rated insulation voltage | U_i | 300 V AC | |
| Rated impulse withstand voltage | U_{imp} | 4 kV AC | |
| Overvoltage category | | II | |
| mechanical life | | 10 ⁷ to 10 ⁹ switches | |
| Switching element | | 1 x C.O., rising level | |
| Protection class | | II (totally insulated) | |

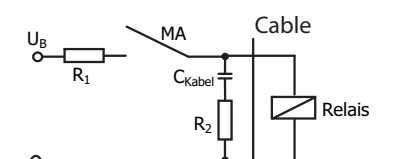
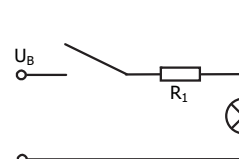
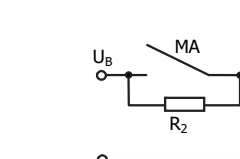
| Mechanical data | |
|-------------------------|--|
| Bolting material | X6CrNiMoTi17-12-2 (1.4571) |
| Hexagon nut material | X10CrNiS18 9 (1.4305) |
| Switching tube material | X6CrNiMoTi17-12-2 (1.4571) |
| Float material | X6CrNiMoTi 17-12-2 (1.4571) |
| - density | about 0,65 g/cm ³ ±10 % |
| - depth of immersion | 32 mm ± 2 mm (to a fluid-density of 1 g/cm ³) |
| Adjusting ring material | X6CrNiMoTi17-12-2 (1.4571) |
| Gasket material | NBR |
| Ambient air temperature | -5 °C to +60 °C |
| Liquid temperature | -5 °C to +70 °C |
| Connection | Cable 3 x 0,5 mm ² x 2 m ± 5 %; PVC |
| Protection type | IP 65 acc to IEC529 / EN 60529 |
| Max. pressure | 15 bar |

| Standards |
|------------------|
| DIN EN 60947-5-1 |

| EU Conformity |
|------------------------------|
| acc. to directive 2014/35/EU |

| General details |
|---|
| The measures of the switching points refer to a fluid-density of 1 g/cm ³ . The tolerance of the switching points is ±2 mm Pay attention to the contact protection, when switching inductive or capacitive loads. Maximum data must not be exceeded! |

| Inductive loads |
|---|
| <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Direct current</p>  <p>Suppression of voltage peaks with a free-wheeling diode</p> </div> <div style="text-align: center;"> <p>Alternating voltage</p>  <p>Suppression of voltage peaks with a VDR</p> </div> <div style="text-align: center;">  <p>Suppression of voltage peaks with an RC element</p> </div> <div style="text-align: center;">  </div> </div> |

| Capacitive loads and lamp loads |
|--|
|    <p>Contact protection with resistors for limiting current</p> |