



088594
SW

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DELIVERY PROGRAM

Product range
Float switch

Degree of Protection
IP65

Lever can be turned to reverse contact effect
1 insulated protective conductor terminal □
1 insulated N terminal
Impact-resistant shroud, green
2 cable entry knockouts for M20, without cable gland
IP65 in conjunction with V-M20 cable gland
Wall mounting bracket
Can be mounted in any position

Notes

For use as a motor load switch for:	
Three-phase current AC-3	Single-phase current
Direct current DC	For use as control switch:
Parts: Float, operating rod, and wire rope sleeve made of especially resistant plastic.	

Resistant to: <ul style="list-style-type: none"> • Tap water, river water, salt water: Max. 100 °C • Deionized water: Max. 100 °C • Brine: Max. 100 °C • Acids (10%): Max. 40 °C • Bases (10%): Max. 40 °C
Operation: Minimum operation at lever: 24 mm

TECHNICAL DATA

General

Standards
IEC/EN 60947-4-1

Operating frequency [Operations/h]
□ 1500

Ambient temperature
-25 - 70

Degree of Protection
IP65

Mounting position
As required

Mechanical shock resistance to IEC 60068-2-27 [Half-sinusoidal shock 20 ms]
> 10 g

Vibration resistance acc. to IEC/EN 60068-2-6 [Amplitude 1 mm]
36 Hz

lifespan [Operations]
0.5 x 10⁶

Terminal capacities
Solid
1 x (0.75 - 2.5)
2 x (0.75 - 1.5) mm²

Terminal capacities
Flexible with ferrules to DIN 46228
1 x (0.5 - 1.5)
2 x (0.5 - 1.5) mm²

Terminations
Flat terminal with clamping washer

Terminal screw
M4

Tightening torque of terminal screw
1.2 Nm

Contacts/switching capacity

Rated impulse withstand voltage [U_{imp}]
4000 V AC

Rated insulation voltage [U_i]
400 V

Overvoltage category/pollution degree
III/3

Max. short-circuit protective device
Fuseless
FKZMD-20 Type

Max. short-circuit protective device
Fuse [gG/gL]
20 A

Type of coordination
1

Rated short-circuit current [I_q (= Current r)]
1 kA

AC-3
Rated operational current
230 V
15 A

AC-3
Rated operational current
400 V
11.5 A

AC-3
Rated power P
230 V
4 kW

AC-3
Rated power P
400 V
5.5 kW

Rated frequency [f]
50 Hz

DESIGN VERIFICATION AS PER IEC/EN 61439

Operating ambient temperature min.
-25 °C

Operating ambient temperature max.
+70 °C

TECHNICAL DATA ETIM 7.0

Stats, switches and controllers (EG015840) / Float switch (EC011178)

Suitable for potable water
Yes

Suitable for rainwater
Yes

Suitable for cooling water
Yes

Suitable for faeces
Yes

Suitable for domestic wastewater
Yes

Suitable for condensate
Yes

Suitable for glycol
Yes

Measuring range
mm

Readable
No

With display
No

Adjustable differential gap
No

Differential range/switch hysteresis
mm

Immersing depth
mm

Mounting method, vertical
Yes

Mounting method, horizontal
Yes

Sensor/feeler type
Sinking ball

Mounting method
Suspended above the pit

Float material
Plastic

Float diameter
mm

Connection
Other

Thread size
Other

Max. contact voltage
230 V

Max. contact load
15 A

Max. medium temperature (continuous)
°C

Mn. specific density of liquid
kg/m³

Max. operating pressure
bar

Degree of protection (IP)
IP55

Degree of protection (NEMA)
Other

Explosion-proof
No

DIMENSIONS





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