



## IDEM - HYGIEMAG - MMR-H SWITCH

131001

MMR-H Right 2M '2NC'

- Stainless steel housing
- Compact dimensions
- Switching range - 10 mm
- Mounting with hexagonal screws
- Exit load up to 0.5 A



### PRODUCT DESCRIPTION

The HYGIEMAG - MMR-H switch is a magnetic switch made of stainless steel of small size and high tolerance, which is ideally suited for applications in the food and pharmaceutical industry. It allows to switch currents up to 0.5 A. This switch has a standard spacing of holes for fixing - 22 mm and is resistant to pressure washing. Installation with hexagonal screws makes the circuit breaker more resistant to dirt and is therefore ideal for demanding food applications.

### TECHNICAL DATA

<b>Annual usage</b>	8 cycles per hour/24 hours per day/365 days
<b>Approvals</b>	ISO 13849-1, EN60947-5-1, ISO 14119, EN60204-1, EN62061, UL 508
<b>Cable length</b>	2 m
<b>Cable type</b>	PVC 6 core 6mm OD conductors 0.25mm <sup>2</sup>
<b>Coding</b>	Not coded
<b>Conductor size</b>	0,25 mm <sup>2</sup>
<b>Contact rating max</b>	250Vac 0.5A
<b>Contacts</b>	2NC
<b>Housing material</b>	Stainless steel 316
<b>Integrated LED indication</b>	No
<b>IP class</b>	IP69K, IP67
<b>Mechanical reliability B10d</b>	3.3 x 10 <sup>6</sup> operations at 100mA load
<b>Mounting</b>	2 x M4

<b>MTTFd</b>	470 years
<b>Operating temperature</b>	-25..105°C
<b>PFHd</b>	$2.52 \times 10^{-8}$
<b>PL</b>	e acc. ISO13849-1
<b>Recommended mounting gap</b>	5 mm
<b>SIL</b>	3 acc. EN62061
<b>Switching current min</b>	10Vdc 1mA
<b>Switching distance</b>	Sao 10mm close, Sar 20mm open
<b>Switching frequency max</b>	1.0Hz maximum

