

Dual-stage locking unit SO

FB-2VM-SO-MA3xxx

Item 110538



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Partner for Future Technology

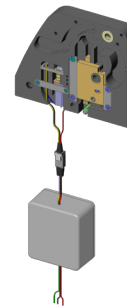
- For 1-stage or 2-stage contacting with self-opening unit
- Mechanical limit of contacting stage
- Quick, easy installation by replacing the rear bearing block
- Adjustable screw to select ICT or ICT/FCT operating mode.
- Optionally available proximity switch to detect FCT position

Application

Using the mechanical dual-stage locking units (FB-2VM) for MA xxxxx test fixtures, both single-stage (ICT) and dual-stage contacting (ICT/FCT combined) can be reliably performed. When using the version without electric motor, tests are performed without a self-opening unit, whereas the version with an electric motor performs tests with a self-opening unit. Installation is quick and easy; only the rear bearing block on the left side has to be replaced. Before operation of upgraded MA xxxxx test fixtures begins, the adjusting screw on the outside of the bearing block should be adjusted to select the operating mode: either ICT or ICT/FCT. Both contacting stages have mechanical limits and are not statically locked.

Delivery

The functional unit is supplied pre-assembled, without inductive proximity switch.



Note:

Before operation of upgraded MA xxxxx test fixtures begins, the adjusting screw on the outside of the bearing block should be adjusted to select the operating mode - either ICT, to perform single-stage contacting, or ICT/FCT, to perform dual-stage contacting.

Note:

Operating voltage electric motor in the range of 5 V to max. 36 V DC.

General data

Product group:	Functional units
Series:	FB-MAxxxx
Type:	Dual-stage limit
Version:	Mechanical with electric motor
Accessory type:	Additional function
Scope of delivery:	Pre-assembled
Material:	3.3547, hard-coated
Width:	15 mm [.59 in]
Height:	101 mm [3.97 in]
Weight:	0.57 kg [1.25 lbs]
Min. temperature:	10 °C [50 °F]
Max. temperature:	60 °C [140 °F]
RoHS-compliant:	Yes

Compatible with

Manual test fixtures (MA):	MA 3xxx
For dual-stage contacting:	Yes

Technical data

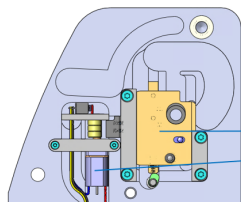
Connection:	Cable
Installation:	Thread M5
Max. voltage:	36 VDC
Number of poles:	3
Length:	118 mm [4.64 in]
Cable length:	350 mm [13.7 in]
Outer dimensionS (WxDxH):	15 x 118 x 101 mm [.59 x 4.64 x 3.97 in]

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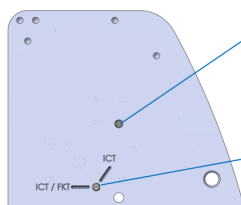
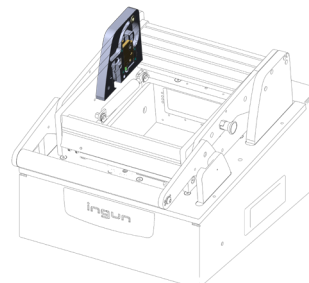


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Mechanical 2-stage locking unit
with electric motor, for tests with
self-opening unit

Locking mechanism
Electric motor



Position for optionally available
inductive proximity switch

Adjusting screw to select operating
mode:

- ICT: 1-stage contacting
- ICT/FCT: 2-stage contacting

Accessories

Part no.	Designation	Version
Accessories		
111136	ENS-I-M04-S-0,6-10-30V-K2,0	Inductive proximity switch, PNP closer; switching distance ≤ 0.6 mm; D = M4; 10-30 VDC; cable ~2 m

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Prices and delivery times on request.
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