Automatic opener/closer
FB-OSA-E-MA2x11/12

Item 113401

GO TO PRODUCT

Partner for Future Technology

- Automatic opener/closer to automatise manual test fixtures
- Automated opening, closing, and contacting
- Functional unit for individually configurable upgrading (independent, on-site installation)
- Includes detailed print and video installation documentation

UTILITY MODEL NEW



Application

Using the automatic opener/closer, manual test fixtures can be upgraded with an electric drive that enables automated opening, closing, and contacting of the manual test fixture. The drive is provided by a DC gearmotor which drives the toothed segment of the drive unit's coupling via a gear wheel.
Upgrading the manual test fixture with the automatic opener/closer results in potential risks for the operator, which must be minimised using suitable protective devices for safe operation. For this purpose, the optionally available safety switch unit can be used. This stops the drive thanks to the safety stop function and provides protection against potential injury.
Both functional units can be operated using customer controls. We provide a reference design document which illustrates a suggestion for connecting the control system.

Features

- Compatible with other functional units, according to compatibility matrix
- Optional safety switch unit
- Reference design document which illustrates a suggestion for connecting the automatic opener/closer and the safety switch unit to the control system.
- Manual operation possible, after simple removal of the cover and the gear wheel according to the instructions in the user manual, section 6.5

Delivery

The functional unit, which does not include the control system, must be assembled upon delivery using detailed documentation provided. The documentation for the reference design is available to download from our website:

Spare parts

We recommend checking the gear wheel for wear every 200,000 load cycles and replacing it after the typical service life (50, 000 load cycles) has been reached, at the latest.

Video

Don't miss the videos on our website. The product video provides information about added values and functionalities of the automatic opener/closer. The installation video provides instructions for independent, on-site installation.

Note:
To install the automatic opener/closer, refer to installation instructions INFO 4595. Refer to installation instructions INFO 4596 to correctly install the safety switch unit. The reference design for the control of the automatic opener/closer and the safety switch unit, can be found in document INFO 4594.

Note:
Note that the manual test fixtures upgraded with the automatic opener/closer, must be equipped with appropriate protective devices to ensure safe operation. The locking bolt on the coupling must be locked in the open position before operation commences.

Note:
Customers are fully responsible for the professional installation of the functional unit. INGUN cannot accept any liability for damage resulting from incorrect installation, failure to observe the instructions in the documentation provided or failure to operate the test fixture or in a suitable test environment.

INGUN Prüfmittelbau GmbH
Max-Stromeyer-Straße 162
78467, Constance, Germany
Phone +49 7531 8105-0
Customer hotline +49 7531 8105-888
Fax +49 7531 8105-65
info@ingun.com

Learn more about
MA functional units

FUNCTIONAL UNIT

Prices and delivery times on request.
Technical changes reserved. 07/24_GB

ingun.com

Automatic opener/closer
FB-OSA-E-MA2x11/12

Item 113401

GO TO PRODUCT

ingun®
Partner for Future Technology

General data

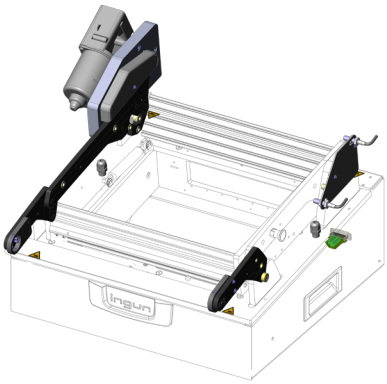
Product group:	Automation
Series:	FB-MAxxxx
Type:	Automatic opener/closer
Version:	Electrical
Accessory type:	Additional function
Scope of delivery:	Unassembled
Width:	525 mm [20.6 in]
Height:	386 mm [15.1 in]
Weight:	3.27 kg [7.20 lbs]
Min. temperature:	+ 10 °C [+ 50 °F]
Max. temperature:	+ 60 °C [+ 140 °F]
RoHS-compliant:	RoHS-3;6c

Technical data

Connection:	D-Sub, 15-pole
Force:	1.000 N [3.59 ozf]
Max. voltage:	12 VDC
Pressure frame opening angle:	70 °
Length:	526 mm [20.7 in]
Outer dimensionS (WxDxH):	525 x 526 x 386 mm [20.7 x 15.1 in]

Compatible with

Manual test fixtures (MA):	MA 2x11, MA 2x12
For dual-stage contacting:	No



Accessories, spare part kits & safety components

Part no.	Designation	Version	Compatible with
Accessories			
115618	FB-FK-OSA-E	Freewheel clutch	FB-OSA-E-MAxxxx
114221	WZ-AZ-001-FB-OSA-E-MAxxxx	Tool Pull-off device	FB-OSA-E-MAxxxx
Spare part kits			
114272	ETK-ZAR-Z15-FB-OSA-E-MAxxxx	Spare part kit, gear wheel	FB-OSA-E-MAxxxx
114365	ETK-ABD-FB-OSA-E-MAxxxx	Spare part kit, gear wheel cover	FB-OSA-E-MAxxxx
Safety components			
114316	FB-SIS-OSA-MAxx11	Safety switch	MA xx11 with FB-OSA-E-MAxx11/12
113450	FB-SIS-OSA-MAxx12	Safety switch	MA xx12 with FB-OSA-E-MAxx11/12

INGUN Prüfmittelbau GmbH
Max-Stromeyer-Straße 162
78467, Constance, Germany
Phone +49 7531 8105-0
Customer hotline +49 7531 8105-888
Fax +49 7531 8105-65
info@ingun.com

Learn more about
MA functional units

FUNCTIONAL UNIT

Prices and delivery times on request.
Technical changes reserved. 07/24_GB

ingun.com