

FDCU MMAG

Unipolar beginning and end of range switch

PRODUCT PRESENTATION

Via the beginning and end of range switch FDCU MMAG, it is possible to indicate the open or closed position of the damper.

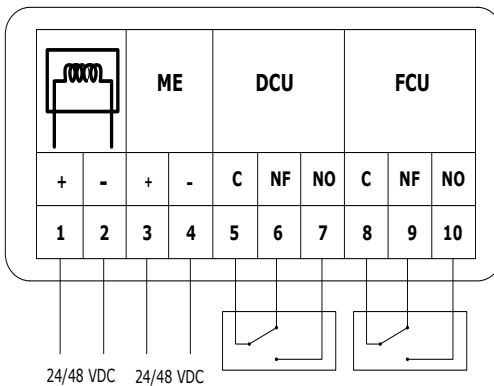
LIST OF PARTS

Description	Characteristics	Number
Printing plate	FDCU MMAG	1
Large cable gland	PG13	1
Label "KIT" (yellow)	ETIK-D042	1
Fixation screw	EJOT-3512	2

DETAILED CHARACTERISTICS

FDCU MMAG	
Position switches	1mA...500mA, DC 5V...AC 48V
Cable entrance	PG13
Ambient temperature	-30°C up to 50°C
Maintenance	Maintenance free

ELECTRICAL WIRING DIAGRAM



ME: Rearmation motor

DCU: Unipolar beginning of range switch

FCU: Unipolar end of range switch

APPLICATIONS



fig. CU-LT

fig. CU-LT-1S

fig. CR60

fig. CR120



OPERATION

MMAG

Manual rearmament (standard MMAG):

Turn the rearmament handle (1) clockwise or use a hex key 10

Motorized rearmament (kit ME MMAG):

1. Switch off the power supply for at least 10 sec.
2. Supply the actuator for at least 30 sec. (respect the prescribed voltage and polarity).
3. The rearmament stops automatically if a torque is detected $> 15 \text{ Nm}$

! Switch off the power supply after rearmament.
! Switch off the power supply for at least 15sec. in between each rearmament cycle.

Manual unlocking (standard MMAG):

Use the unlocking button (2)

Remote controlled unlocking (kit VM/VD MMAG FDCU):

By sending an electrical impulse (VD) or by interrupting the power supply (VM) to the magnet's entrance of the FDCU printing plate

Automatic unlocking (standard MMAG):

When the fusible link melts at 72° C :

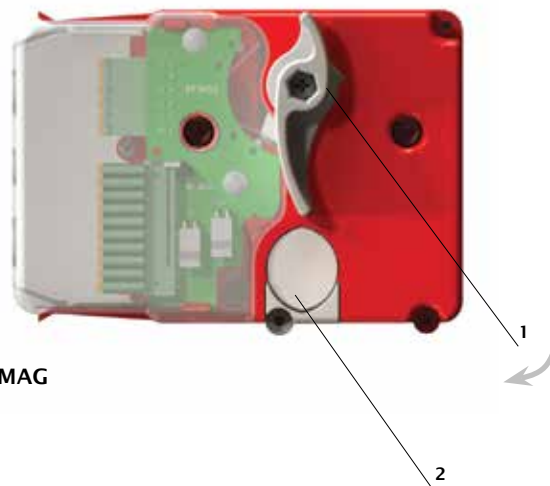
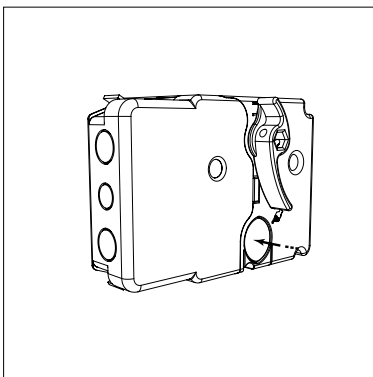


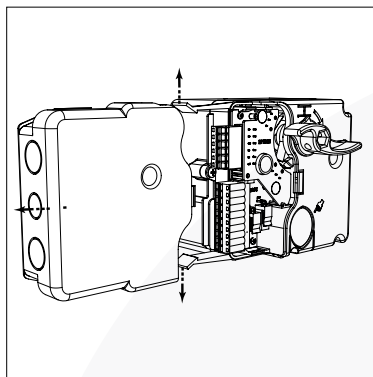
Fig. MMAG

MOUNTING AND DISMANTLING

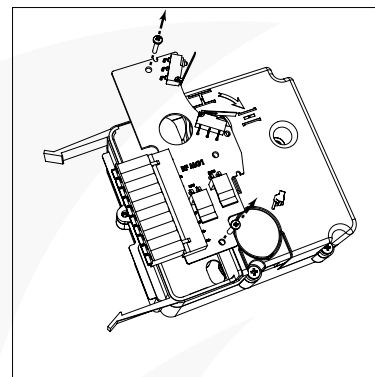
Dismantling of the switch



1. Unlock the actual mechanism.

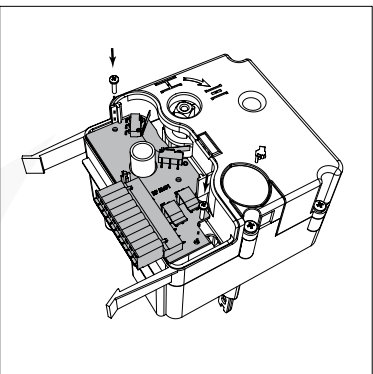


2. Loosen the cover by unclicking it and remove it.

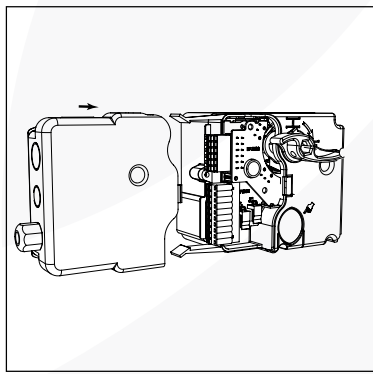


3. Unscrew the existing circuit board.

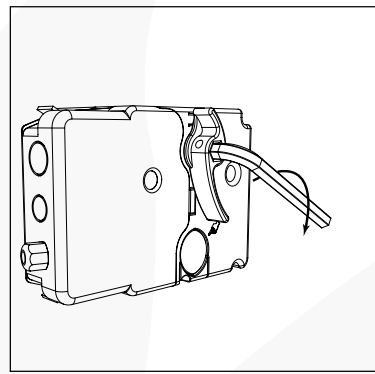
Mounting of the switch



4. Screw the new circuit board in the predestined place.



5. Mount the cable gland in the cover, make the electrical connections and mount the cover on the cap by clicking it.



6. Test the good functioning of the mechanism.
7. Attach the label 'KIT' and fill in the necessary information.

If the damper is manipulated in any other way than described in this manual, Rf-Technologies will decline any responsibility and the guarantee will immediately expire!

