

MFUS

Automatic unlocking mechanism

K2-C 06/2013

PRODUCT PRESENTATION

The unlocking of the mechanism MFUS automatically unlatches the damper blade when the temperature in the duct rises above 72°C. Due to the rise in temperature the fusible link melts. This causes an armed internal torsion spring to unwind and thereby release the damper blade into its safety position (closed).

The position of the damper blade can be indicated by the end- and begin of range switch (KIT FDCU MFUS(P)).

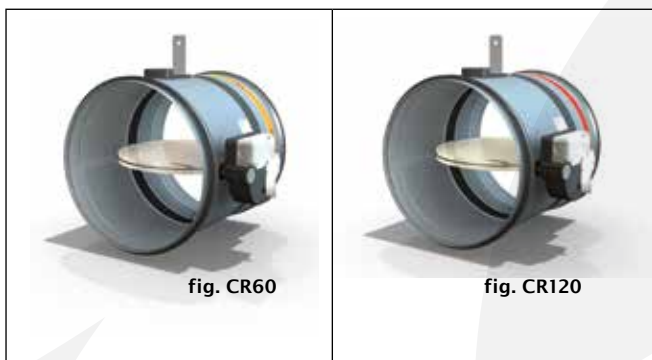
LIST OF PARTS

	Description	Characteristics	Number
1	Mechanism MFUS	MFUS	1
2	Installation screws MFUS	DIN 912 M6x35	2
3	Hex key for installation screws MFUS	DIN 911 5mm	1
4	Fusible link FUS 72	FUS72	1
5	Fixing screws FUS 72	DIN 7985 M4x25	1
	Label 'KIT' (yellow)	ETIK-D042	1

DETAILED CHARACTERISTICS

	MFUS
Running time spring return	1s
Weight	300g
Duration test	150 cycles
Protection class	IP 42
Ambient temperature	-30°C to 50°C
Maintenance	Maintenance free
Reaction temperature fusible link	72°C

APPLICATIONS



OPERATION

MFUS

Manual rearmation:

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

Manual unlocking:

Use the unlocking button (2)

Automatic unlocking:

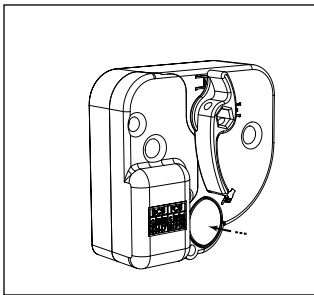
When the fusible link melts at 72°



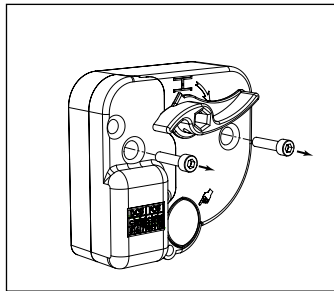
Fig. MFUS

MOUNTING

Dismantling of the mechanism

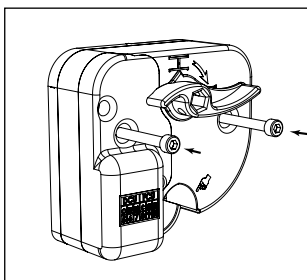


1. Unlock the existing mechanism by pressing the unlocking button.

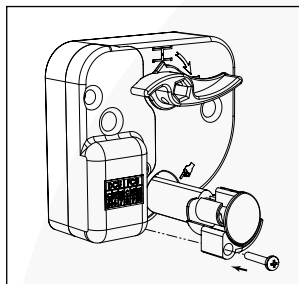


2. Loosen up the 2 fixing screws with the enclosed hex key and dismantle the existing mechanism.

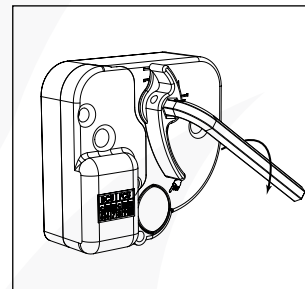
Mounting of the mechanism



3. Distort the handle in start position (damper closed)
4. Mount the 2 hexagon socket screws in the foreseen holes.
5. Mount the MFUS on the transmission and tighten up.



6. Mount the fusible link and tighten up with the screw.



7. Test the good functioning of the mechanism.
8. Apply the yellow label 'KIT' and fill out the information.