

Locking Mechanism EAP/HM

Electrical magnetic lock - Release when the power supply drops

A space saving and shapely solution for every kind of wing. Single or multiple locking is possible anytime. It keeps the wing tight closed and releases it for smoke and heat exhaustion in event of emergency. Unlocking occurs by an external manual or automatic triggering. Gas springs of our make open the window.

The magnetic locking is permanently closed-current monitored and does not need to be maintained. By a snap-in mechanism the wing can be closed and locked manually after polarizing the magnet. The clamping force can be adjusted easily and safely at most kinds of windows by an installation friendly locking bolt.



Technical Data:

Locking mechanism Type EAP/HM with 24 V electromagnets Item number:	
Voltage:	24 V DC
Current:	0.125 A
Clamping force:	350 N
Locking pressure:	650 N
Dimensions:	Aluminium, E6/EV1 anodized 180 x 25 x 35 mm
Connection cable:	2 x 0,5 mm ² , grey, length 300 mm
Weight:	Approx. 0.5 kg

Article

Electromagnetic locking unit for inwards or outwards opening wings, self-locking with adjustable locking element, closed current monitored. Triggering via external emergency switch, max allowed wing overlap 21 mm.		
	Typ	Item number
	EAP/HM	B5 6005
	Triggering via external emergency switch	
	EAP/HMTH	B5 6006
	(L x W x H) 25 x 35 x 220 mm With automatic thermal triggering at 70° C	

Accessories Locking mechanism EAP/H - EAP/HM

Accessories	Item number
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EAP/H/ADAPTERPLATTE Adapter plate - For mounting to outward opening windows. Dimensions: 134 mm L x 25 mm W x 5 mm H.	B5 6001 H
VT Locking element (adjustable) - Max. allowed wing overlap 21 mm with threefold adjustable locking bolt.	B5 6008
GL 8/70 Triggering temperature 70° C, red Glass heat trigger - For automatic thermal triggering, triggering temperature 70° or 90° C, D = 8 mm	B5 6012
GL 8/90 Triggering temperature 90° C, green Glass heat trigger - For automatic thermal triggering, triggering temperature 70° or 90° C, D = 8 mm	B5 6013
Accessories	Item number
SHEV® 2 HM The compact control unit SHEV® 2 HM is made especially for the control of electrical magnetic locks. In total there can be connected magnets with together maximum current of 2 A. The backup battery is for 30 minutes. More Details	ST4 3166