



- Application: natural ventilation, SHEV, ferralux®-NSHEV
- Surface mounting on the window frame/casement profiles of the main/side closing edge (HSK/NSK) of in-/outward opening windows. Locking bracket mounted on the casement
- Required mounting space 35 mm

Options

- Mounting plate for installation on the window frame profile (RM) of outward opening windows or on the casement profile (FM) of inward opening windows
- Slim locking bracket 15 mm for small mounting space on the window frame profiles

FV1

- Without internal cut-off switch and sequence control, for use in RWA hardware systems with USKM module

FV3

- With internal load dependent cut-off switch and sequence control for drives PL6 S1 / PL10 S1 (I = 0.8A)

FV4 (with software SW-V2)

- M-COM suitable internal load dependent cut-off switch and sequence control for drives S3 / S12
- Star wiring
- Current of the drives does not run over FV4
- Sequence control via communication wire

TECHNICAL DATA

U_N	Rated voltage	24V DC ($\pm 20\%$), max. 2 Vpp
I_N	Rated current	0,6 A
I_0	Cut-off current	~ 30 mA
P_N	Rated power	20 W
I_d	Current of connected drives	FV1: USKM FV3: 0,8 A (PL 6/10 S1) FV4: 3 A, S3 / S12 non relevant
ED	Duty cycle	30 % (ON: 3 min. / OFF: 7 min.)
	Protection rating	IP 32
	Ambient temperature range	-5 °C ... + 75 °C
F	Pushing / Pulling force max.	~ 600 N
t	Runtime	~ 5,0 s
	Connecting cable	FV1: non-halogen, grey 2 x 0,75 mm ² , ~ 3 m FV3: non-halogen, grey 2 x 0,75 mm ² , ~ 3 m FV4: non-halogen, grey 3 x 0,50 mm ² , ~ 3 m
	Housing	aluminium 35 x 35 mm
L	Length	see order data
	Versions	FV1: 1x R/L, 2x R, 3x R FV3: 1x R/L, 2x R, 3x R FV4: 1x R/L, 2x R
	Version name	1x = 1 locking point 2x = 2 locking point 3x = 3 locking point R = right hand version L = left hand version

ORDER DATA						
Type	L [mm]	Version	Finish	PU/pcs.	Part.-No.	
Single right hand	420	FV1 R (1x)	E6/C-0	1	515103	
		FV3 R (1x)		1	515102	
		FV4 R (1x)		1	515129	
Single left hand	420	FV1 L (1x)	E6/C-0	1	515106	
		FV3 L (1x)		1	515105	
		FV4 L (1x)		1	515130	
Double right hand	1200	FV1 R (2x)	E6/C-0	1	515111	
		FV3 R (2x)		1	515110	
		FV4 R (2x)		1	515131	
Double right hand	2000	FV1 R (2x)	E6/C-0	1	515113	
		FV3 R (2x)		1	515112	
		FV4 R (2x)		1	515132	
Triple right hand	2000	FV1 R (3x)	E6/C-0	1	515116	
		FV3 R (3x)		1	515114	

Special model	PU/pcs.	Part.-No.	
Drive housing painted/powder coated in other RAL colours			
Specify at order stage:	1 – 4	516004	
	5 – 9	516004	
	10 – 49	516004	
	50 – 99	516004	
	up 100	516004	
Extra length connecting cable:			
5 m –non-halogen grey – 2 x 0,75 mm ²		501024	
10 m –non-halogen, grey – 2 x 0,75 mm ²		501026	
5 m –non-halogen, grey – 3 x 0,50 mm ²		501034	
10 m –non-halogen, grey – 3 x 0,50 mm ²		501036	
Microprocessor programming S3			
Motion monitored run / sequence control		524181	
Microprocessor programming S12			
Special functions		524180	
Optional accessories			
M-COM Comm. module for synchronised multi-drive systems	1	524177	