

# ACTULUX Product Overview 2017

Electrical

V1

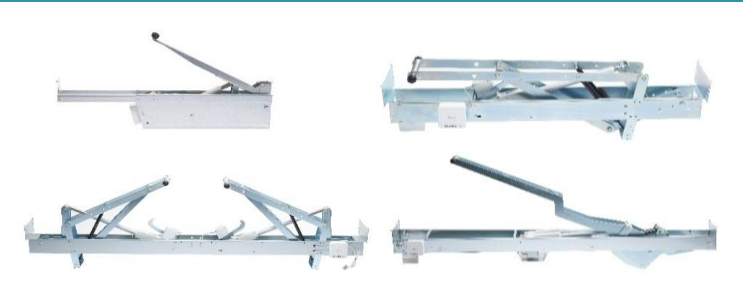
## OPENING SYSTEMS

### Traverse mounted

- SA Power Mini 70 - 110 cm
- SA Power Single 88 - 200 cm
- SA Power Double 160 - 300 cm
- SA Power Large 150 - 250 cm
- GMTJ 80 - 240 cm

### Special Solutions

- Roof Access



## OPENING SYSTEMS

### Chain & Rack Drives


- Chain Drives 24V/36V/48V
- Chain Drives 230V (incl. remote control)
- Rack Drives
- Spindle Drives



## CONTROL PANELS

### (24V - 48V - 230V)


- Control Panel SVM 24V – 5 Amp
- Control Panel SVM 24V – 8 Amp
- Control Panel SV 24V – 24 Amp
- Control Panel SV 24V – 30 Amp
- Control Panel SV 24V – 32 Amp
- Control Panel SV 48V – 8 Amp
- Control Panel SV 48V – 24 Amp
- Control Panel SV 48V – 30 Amp
- Control Panel SV 48V – 32 Amp
- Control Panels JO 24V/36V



## ACCESSORIES

### (Fire Switches - Detectors - Optional features)

- Fire switch
- Comfort switch
- Wind and rain sensor
- Smoke detector
- Heat detector
- Day-/weekly timer
- Room thermostat
- Remote control unit
- Overload units
- Hygrostat
- Tools & Test equipment



# OPENING SYSTEMS - Traverse mounted

EN12101-2 designed - 24V/48V - up to 165° opening

## SA Power Mini



Product description (*Standard editions with std. brackets etc. - Customizing often needed)		Item no.
SA Power Mini 130° 70-110 cm	24VDC (2.5A) or 48VDC (1.25A) - 150 kg cover lift - incl.LIP	221100
SA Power Mini 160° 70-110 cm	24VDC (2.5A) or 48VDC (1.25A) - 150 kg cover lift - incl.LIP	221000
SA Power Mini 130° 70-110 cm	Painted in RAL WHITE 9010 (other RAL colours on request)	221110
SA Power Mini 160° 70-110 cm	Painted in RAL WHITE 9010 (other RAL colours on request)	221010
<b>Additional options for SA Power Mini:</b>		
Actuator stop for adjustable opening angle		220291
Stainless Steel		On request
TANDEM between 2 systems (incl. 2 pcs. LIP7 mounted)		On request
SYNCHRONIZED between 2 systems (LIP7 TA + Reed Actuator)		On request
Open/Close indication from LIP (LIP7 OC + Reed Actuator)		On request

## SA Power Single - for Domes



Product description (*Standard editions with std. brackets etc. - Customizing often needed)		Item no.
*SA Power Single 90 cm	24VDC (3A/4A) or 48VDC (1.5A/2A) - 300 kg cover lift - incl.LIP	110624
*SA Power Single 100 cm	24VDC (3A/4A) or 48VDC (1.5A/2A) - 300 kg cover lift - incl.LIP	110813
*SA Power Single 120 cm	24VDC (3A/4A) or 48VDC (1.5A/2A) - 250 kg cover lift - incl.LIP	110803
*SA Power Single 140 cm	24VDC (3A/4A) or 48VDC (1.5A/2A) - 220 kg cover lift - incl.LIP	110561
*SA Power Single 160 cm	24VDC (3A/4A) or 48VDC (1.5A/2A) - 210 kg cover lift - incl.LIP	110571
*SA Power Single 180 cm	24VDC (3A/4A) or 48VDC (1.5A/2A) - 200 kg cover lift - incl.LIP	110601
*SA Power Single 200 cm	24VDC (3A/4A) or 48VDC (1.5A/2A) - 150 kg cover lift - incl.LIP	On request
<b>Additional options for SA Power Single:</b>		
Extra charge for modification (Length only)		1060
Closing kit for extra closing force		110695
Actuator stop for adjustable opening angle		220286
Painted in standard RAL WHITE 9010 (other RAL colours on request)	1-4 pcs.	2005
	5-10 pcs.	2005
	>10 pcs.	2005
FLAT edition (if cover/lid is flat = lowered traverse)		On request
TANDEM between 2 systems (incl. 2 pcs. LIP 7 TANDEM mounted)		On request
SYNCHRONIZED between 2 systems (LIP7 TA + Reed Actuator)		On request
Open/Close indication from LIP (LIP7 OC + Reed Actuator)		On request
Reinforced End Brackets (to be used by weak or angled upstand)		On request
Stainless Steel		On request

# OPENING SYSTEMS - Traverse mounted

EN12101-2 designed - 24V/48V - up to 165° opening

## SA Power Double



Product description (*Standard editions with std. brackets etc. - Customizing often needed)		Item no.
*SA Power Double 160 cm	24VDC (6A/8A) or 48VDC (3A/4A) - 2x300 kg cover lift - incl.LIP	110910
*SA Power Double 200 cm	24VDC (6A/8A) or 48VDC (3A/4A) - 2x300 kg cover lift - incl.LIP	110900
*SA Power Double 240 cm	24VDC (6A/8A) or 48VDC (3A/4A) - 2x250 kg cover lift - incl.LIP	110905
<b>Additional options for SA Power Double:</b>		
Extra charge for modification (Length only)		1060
Painted in standard RAL WHITE 9010 (other RAL colours on request)	1-4 pcs.	2005
	5-10 pcs.	2005
	>10 pcs.	2005
FLAT edition (if cover/lid is flat = lowered traverse)		On request
Reinforced End Brackets (to be used by weak or angled upstand)		On request
Stainless Steel		On request

## SA Power Large



Product description (*Standard editions with std. brackets etc. - Customizing often needed)		Item no.
*SA Power Large 150 cm	24V (6A/8A) or 48V (3A/4A) - 500 kg cover lift - incl.LIP	130802
*SA Power Large 160-195 cm	24V (6A/8A) or 48V (3A/4A) - 400 kg cover lift - incl.LIP	130803
*SA Power Large 200 cm	24V (6A/8A) or 48V (3A/4A) - 350 kg cover lift - incl.LIP	130806
*SA Power Large 205-250 cm	24V (6A/8A) or 48V (3A/4A) - 300 kg cover lift - incl.LIP	130805
<b>Additional options for SA Power Large:</b>		
Extra charge for modification (Length only)		1060
Painted in standard RAL WHITE 9010 (other RAL colours on request)	1-4 pcs.	2005
	5-10 pcs.	2005
	>10 pcs.	2005
Reinforced End Brackets (to be used by weak or angled upstand)		On request
Stainless Steel		On request

## GMTJ - Nominal width 80-240 cm.




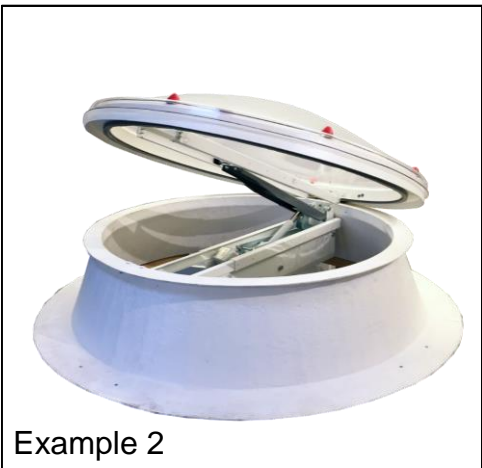
Product description (*Standard editions with std. brackets etc. - Customizing often needed)		Item no.
GMTJ-1200-24V/48V	120 cm 24VDC (7.5A) or 48VDC (3.75A) - 437 kg cover lift	99369001
GMTJ-1600-24V/48V	160 cm 24VDC (7.5A) or 48VDC (3.75A) - 374 kg cover lift	99.366.009,00
GMTJ-1800-24V/48V	180 cm 24VDC (7.5A) or 48VDC (3.75A) - 308 kg cover lift	99.366.012,00
GMTJ-2000-24V/48V	200 cm 24VDC (7.5A) or 48VDC (3.75A) - 269 kg cover lift	99.366.013,00
GMTJ-2400-24V/48V	240 cm 24VDC (7.5A) or 48VDC (3.75A) - 267 kg cover lift	99.366.014,00
<b>Additional options for GMTJ opening mechanism:</b>		
Fittings can be coated in all RAL-colours		On request
A part-stainless-steel finish is possible		On request

# OPENING SYSTEMS

## Special Solutions: Basic Set & Roof Access

<b>Basic Set:</b>	
<b>Product description</b>	<b>Item no.</b>
SA Basic Set 1-5000N (Actuator + LIP)	213200

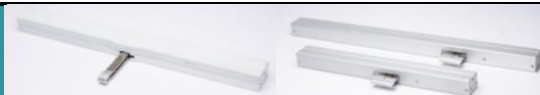
<b>Roof Access:</b>	
<b>Product description</b>	<b>Item no.</b>
Roof Access 24V/48V - WHITE      24VDC (2x2.5A) or 48VDC (2x1.25A)	222239
Roof Access 230V/80W - WHITE      230VAC/80W (incl. LIP 24V/2x1.5A)	222223
Roof Access 230V/150W - WHITE      230VAC/150W (incl. LIP 24V/2x3A)	222226
Roof Access <b>RF</b> 230V/80W - WHITE      230VAC/80W (incl. LIP 24V/2x1.5A & remote control)	222233
Roof Access <b>RF</b> 230V/150W - WHITE      230VAC/150W (incl. LIP 24V/2x3A & remote control)	222236



# OPENING SYSTEMS - Side mounted

## Chain Drives:

Programmable options as standard:  
Synchro mode - Force - Speed  
Stroke length - Soft close length



Product description	Item no.
<b>Chain Drives HCM - 24/36/48VDC: White RAL 9010</b>	
HCM 300N/300mm - 24/36/48VDC (0.8/0.6/0.4A)	308030
<b>Chain Drives HCMA - 230VAC: White RAL 9010</b>	
HCMA 300N/300mm - 230VAC (15W)	308040
HCMAR 300N/300mm - 230VAC (15W) Integrated receiver + remote control	308050
<b>Additional options for HCM/HCMA Chain Drives:</b>	
Synchro option/upgrade of HCM or HCMA(R) drive from single to synchro (2 to 4 synchro drives in same window)	1040
Programming of special reduced stroke length for HCM or HCMA(R) drive	1041
Programming of special reduced force for HCM or HCMA(R) drive	1042
Programming for extra Remote Control	1043
Programming for W+R Sensor	1044
Comfort switch, OPUS Wireless - without receiver for HCMA(R) drive	111900
<b>Chain Drives HCV-24/36/48VDC Anodized Aluminum EN12101-2 designed</b>	
HCV 500N/350mm - 24/36/48VDC (1.4/1.05/0.7A)	318035
HCV 500N/600mm - 24/36/48VDC (1.4/1.05/0.7A) + High Speed	318060
HCV 500N/800mm - 24/36/48VDC (1.4/1.05/0.7A) + High Speed	318080
HCV 500N/1000mm - 24/36/48VDC (1.4/1.05/0.7A) + High Speed	318100
<b>Chain Drives HCVA 230VAC:</b>	
HCVA 500N/350mm - 230VAC (30W)	328035
HCVA 500N/600mm - 230VAC (30W)	328060
HCVA 500N/800mm - 230VAC (30W)	328080
HCVA 500N/1000mm - 230VAC (30W)	328100
<b>Additional options for HCV/HCVA Chain Drives:</b>	
Synchro option/upgrade of HCV or HCVA drive from single to synchro (2 to 4 synchro drives in same window)	1051
Programming of special reduced stroke length for HCV or HCVA drive	1052
Programming of special reduced force for HCV or HCVA drive	1055
Painting in special RAL colour of HCV or HCVA drive (Min. 10 pcs.) Otherwise price on request	2006
<b>Tools:</b>	
PMD - Programming Tool all for Chain Drives	390520

## Brackets for Chain Drives:



Product description	Item no.
<b>Bracket set for Chain Drives HCM series:</b>	
HMB-HCM 01 - Bracket set for HCM - Outwards (for windows - High motor bracket)	390150
HMB-HCM 02 - Bracket set for HCM - Inwards (for windows - High motor bracket)	390160
HMB-HCM 03 - Bracket set for HCM - Outwards (for skylights - Low motor bracket)	390190
<b>Bracket set for Chain Drives HCV series:</b>	
HMB-HCV 01 - Bracket set for HCV - Outwards (for windows - High motor bracket)	390000
HMB-HCV 02 - Bracket set for HCV - Inwards (for windows - High motor bracket)	390120
HMB-HCV 03 - Bracket set for HCV - Outwards (for skylights - Low motor bracket)	390130

# OPENING SYSTEMS - Side mounted

## Door Drive



Product description	Item no.
<b>HCV Door Drive 24VDC:</b>	
HCV Door Drive 90° 500N/600mm - 24VDC (1.4A)	317061
<b>Bracket set for HCV Door Drive</b>	
Bracket set for HCV Door Drive - Inwards opening	390061

## Rack Drives:



Product description	Item no.
<b>Rack Drives HTRW 24VDC:</b>	
HTRW 1000N/350mm - 24VDC (1.4A)	339035
HTRW 1000N/600mm - 24VDC (1.4A)	339060
HTRW 1000N/800mm - 24VDC (2.5A / 1.4A)	339080
HTRW 1000N/1000mm - 24VDC (2.5A / 1.4A)	339100
<b>Rack Drives HTRWA 230VAC:</b>	
HTRWA 1000N/350mm - 230VAC (30W)	349035
HTRWA 1000N/600mm - 230VAC (30W)	349060
HTRWA 1000N/800mm - 230VAC (35W)	349080
HTRWA 1000N/1000mm 230VAC (35W)	349100
<b>Additional options for Rack Drives:</b>	
Synchro option/upgrade of HTRW or HTRWA drive from single to synchro (2 to 8 synchro drives in same window)	1053
Programming of special reduced stroke length for HTRW or HTRWA drive	1054
Programming of special reduced force for HTRW or HTRWA drive	1056
Painting in special RAL colour of HTRW or HTRWA drive (Min. 10 pcs.) Otherwise price on request	2006

## Brackets for Rack Drives:



Product description	Item no.
<b>Bracket set for Rack Drives HTRW:</b>	
HMB-HTRW-01 Bracket set for HTRW - Opposite hinge mounting	390100
HMB-HTRW-02 Bracket set for HTRW - For side mounting	390110

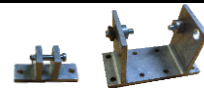
# OPENING SYSTEMS - Side mounted

## Spindle Drives:



Product description	Item no.
<b>JM-DC 24VDC: Electronic overload unit must be ordered separately.</b>	
JM-DC 650N-300mm 0,8A	99200008
JM-DC 650N-500mm 0,8A	99200009
JM-DC 650N-750mm 0,8A	99200010
JM-DC 650N-1000mm 0,8A	99200011
JM-DC-B-650N/125mm 0,8A	99200013
JM-DC 1000N-150mm 0,8A	99200033
JM-DC 1000N-300mm 0,8A	99200020
JM-DC 1000N-500mm 0,8A	99200021
JM-DC 1000N-750mm 0,8A	99200022
JM-DC 1000N-1000mm 1,1A	99200024
JM-DC 1000N-1200mm 1,1A	99200025
<b>Overload Units for JM-DC:</b>	
LA-1 0.5A IP54 Single	99300002
LA-1 1.1A IP54 Single	99300003
LA-TR 2x1.1A IP54 Tandem	99300010
LA-TR 2x0.55A IP54 Tandem	99300011
LA-2 1,1A, 230VAC/24VDC IP54 Tandem incl. Power supply	99300013
<b>JM BB 230VAC - Incl. Built-in overload unit:</b>	
JM BB-500N-300mm-LA (70x70mm) Mech. end-switch. Pot. free contact closed in all open pos.	99200005
JM-BB-500N-300mm-L (ø70mm) Mech. end-switch. Lamp display in both end pos. 230V max.1A	99200001
JM-BB-500N-500mm-L (ø70mm) Mech. end-switch. Lamp display in both end pos. 230V max.1A	99200002

## Brackets for Spindle Drives:



Product description	Item no.
<b>Top Brackets for JM-DC &amp; JM-BB</b>	
	<b>WxLxH</b>
Top bracket type 6mm/ø6,5 Aluminium	22x64x36mm
Top bracket type "H" Steel Galvanized	30x135x61mm
<b>Brackets for JM-DC 24VDC:</b>	
Bracket type "KB5/35" Aluminium	35x70x45mm
Angled Bracket for KB5/35 Aluminium	78x90x52mm
Bracket type "KB5/250" Aluminium	70x250x45mm
Bracket PVZ 32/12-01-500 Steel White	54(98)x670x45mm
Bracket PVZ 32/12-01-600 Steel White	54(98)x770x45mm
Bracket PVZ 32/12-01-700 Steel White	54(98)x870x45mm
Bracket PVZ 32/12-01-800 Steel White	54(98)x970x45mm
Bracket PVZ 32/12-01-900 Steel White	54(98)x1090x45mm
Bracket PVZ 32/12-01-1000 Steel White	54(98)x1170x45mm
Bracket PVZ 32/12-01-1200 Steel White	54(98)x1370x45mm
Bracket ZK 45 Aluminium	51x120x103mm
Mounting screw for PVZ - and ZK 45 brackets - SW19/M5 (use 2 pcs. for each bracket)	99250028
<b>Brackets for JM-BB 230VAC:</b>	
Bracket KB1 Steel electro-galvanized	99250034
Bracket KB2, H70 Aluminium	99250035
Bracket KB2, H55 Aluminium	99250036
Bracket KB4/B - 210 Aluminium White	99250037
Bracket KB4/B - 210 Aluminium	99250038

# SVM Control Panels (24V)

## SVM 1 fire-/1 comfort group, EN 12101-10 double supply, incl. battery back-up



Product description (*Note panels are with english labeling)	Item no.
<b>SVM 24V-5A:</b>	
SVM 24V-5A BASIC	216119
SVM 24V-5A COMF (Comfort switch built-in)	216219
SVM 24V-5A FIRE (ORANGE Fire switch built-in)	216317
SVM 24V-5A FIRE (WHITE Fire switch built-in)	216319
SVM 24V-5A CO+FI (Comfort & ORANGE Fire switch built-in)	216417
SVM 24V-5A CO+FI (Comfort & WHITE Fire switch built-in)	216419
SVM-M 24V-5A BASIC MAGNETIC (for use with Magnet control)	216109
SVM-C 24V-5A BASIC CO <sub>2</sub> (for use with CO <sub>2</sub> control)	216149
SVM-C 24V-5A FIRE CO <sub>2</sub> (WHITE Fire switch built-in for use with CO <sub>2</sub> control)	216349
<b>SVM 24V-8A:</b>	
SVM 24V-8A BASIC	217119
SVM 24V-8A COMF (Comfort switch built-in)	217219
SVM 24V-8A FIRE (ORANGE Fire switch built-in)	217317
SVM 24V-8A FIRE (WHITE Fire switch built-in)	217319
SVM 24V-8A CO+FI (Comfort & ORANGE Fire switch built-in)	217417
SVM 24V-8A CO+FI (Comfort & WHITE Fire switch built-in)	217419
SVM-M 24V-8A BASIC (for use with Magnet control)	217109
SVM-C 24V-8A BASIC CO <sub>2</sub> (for use with CO <sub>2</sub> control)	217149
SVM-C 24V-8A FIRE CO <sub>2</sub> (WHITE Fire switch built-in for use with CO <sub>2</sub> control)	217349
<b>Additional options for SVM Control Panels:</b>	
PCB for external Firemans Priority Switch for SVM Control Panels "Add-On"	121613
SVM BASIC Cabinet	216095
Remote Control for wireless comfort control, for SVM Control Panels and Flex1 ACDC (handheld transmitter + plugin PCB receiver)	111894
Comfort switch, OPUS Wireless - excl. receiver for SVM Control Panels	111900
Wireless reciver for SVM Control Panels	111891
Battery Box - backup extension 12Ah for SVM Control Panels (SVM cabinet + 2 x 12V-12Ah batteries + connection wires + mounting plate)	216000
Battery 12V-7,2Ah for SVM Control Panels 151x65x95mm	800348



# SV Control Panels (24V - 48V)

## SV-ds 2 fire-/2 comfort groups, EN 12101-10 double supply, incl. battery back-up



Product description (*Note panels are with english labeling)	Item no.
<b>SV 24V-ds:</b>	
SV 24V-8A-ds	218119
SV 24V-24A-ds	218219
SV 24V-30A-ds	218269
SV 24V-32A-ds	218319
<b>SV 48V-ds:</b>	
SV 48V-8A-ds	218419
SV 48V-24A-ds	218519
SV 48V-30A-ds	218569
SV 48V-32A-ds	218619
<b>Additional options for SV-ds Control Panels:</b>	
PCB for "open indication" for SV Control Panels "Add On"	111690
Remote Control for wireless comfort control, for SV Control Panels (handheld transmitter + Add-on PCB)	111895
Comfort switch, OPUS Wireless - excl. receiver for SV Control Panels	111900

## SV 2 fire-/2 comfort groups, incl. battery back-up (non EN12101-10)



Product description (*Note panels are with english labeling)	Item no.
<b>SV 24V:</b>	
SV 24V-24A	214219
SV 24V-32A	214319
<b>SV 48V:</b>	
SV 48V-24A	214519
SV 48V-32A	214619
<b>Additional options for SV Control Panels:</b>	
PCB for "open indication" for SV Control Panels "Add on"	111690
Remote Control for wireless comfort control, for SV Control Panels (handheld transmitter + Add-on PCB)	111895
Comfort switch, OPUS Wireless - excl. receiver for SV Control Panels	111900

### Spare parts for SV-ds and SV Control Panels:

Battery 12V - 7,2Ah 151x65x95mm	800348
Battery 12V - 12Ah 151x94x98mm	800622

Battery Guide		SVM EN 12101-10		SV-ds EN 12101-10								SV			
Item no.		SVM 24V-5A	SVM 24V-8A	SV 24V-8A-ds	SV 24V-24A-ds	SV 24V-30A-ds	SV 24V-32A-ds	SV 48V-8A-ds	SV 48V-24A-ds	SV 48V-30A-ds	SV 48V-32A-ds	SV 24V-24A	SV 24V-32A	SV 48V-24A	SV 48V-32A
800348	Pieces	2	2	2	2			4	4	2		2		4	
800622	Pieces					2	2			2	4		2		4

## JO Control Panels (24V - 36V)

### JO 1 fire-/1 comfort group, incl. battery back-up (non EN12101-10)



Product description	Item no.
<b>JO 24V:</b>	
Control Panel -1-1-1 Basic, IP30 DK	24VDC (1.1A) 99100024
Control Panel -1-1-1 LC, Fire switch, IP30 DK	24VDC (1.1A) 99100025
Control Panel -1-1-1 V, Fire- & comfort switch, IP30 DK	24VDC (1.1A) 99100027
Control Panel 2A-1-1 IP30 DK	24VDC (2A) 99100300
Control Panel 5A-1-1 IP30 DK	24VDC (5A) 99100301
<b>JO 36V:</b>	
Control Panel 15-A-1-1 36V Comp.IP30 DK	36VDC (15A) 99100500

### JO 1 fire-/4 comfort groups, incl. battery back-up (non EN12101-10)



Product description	Item no.
<b>JO 24V:</b>	
Control Panel 10A-4-1 IP30 DK	24VDC (10A) 99100302
Control Panel 20A-4-1 IP30 DK	24VDC (20A) 99100303
<b>JO 36V:</b>	
Control Panel 60A-4-1 36V IP54 DK	36VDC (60A) 99100502

# ACCESSORIES

(selected editions)



Product description	Item no.
<b>Fire- &amp; Comfort Switches:</b>	
Fire switch BVT IP40 GREY	111789
Fire switch BVT IP40 ORANGE	111790
Fire switch BVT IP65 GREY or ORANGE	111725
Firemans Priority Switch - ORANGE	111729
Fire switch JO type 6 IP30 DK	99650003
Fire switch JO type 7 IP30 DK	99650004
Replacement glass for type BVT & JO - 5 pcs. (80x76mm)	111701
Comfort switch, FUGA	111758
Comfort switch, OPUS IP20	111753
Comfort switch, OPUS IP44	111763
Comfort switch, OPUS Wireless (without receiver for SV & SVM Control Panels and HCMAR Chain Drive)	111900
Comfort switch, OPUS - Key operated	111754
Receiver for SVM Control Panels and Flex1 ACDC	111891
Transmitter for built-in incl. battery - for comfort (ø50x13mm)	111899
Extender unit for wireless Wind and Rain sensors (excl. programming)	111896
Remote Control for wireless comfort control, for SVM Control Panels and Flex1 ACDC (handheld transmitter + plugin PCB receiver)	111894
Remote Control for wireless comfort control, for SV Control Panels (handheld transmitter + Add-on PCB)	111895
Remote control (handheld transmitter), without receiver	111890
<b>Overload Units:</b>	
LIP5 Intelligent overload unit f. motor input 24V/48VDC - 1 channel (complete incl. box)	121326
LIP6 Intelligent overload unit f. motor, input 24V/48VDC - 2 channels (complete incl. box)	121333
LIP7 <b>BASIS</b> Intelligent overload unit f. motor input 24V/36/48VDC - output 24V/36/48V, 1 channel (complete incl. box)	121305
LIP7 <b>TANDEM</b> Intelligent overload unit f. motor input 24V/36/48VDC - 1 channel (complete incl. box)	121306
LIP7 <b>OPEN/CLOSE</b> Intelligent overload unit f. motor - incl. position relays input 24V/36/48VDC - 1 channel (complete incl. box)	121308
Flex1 ACDC Switch mode power supply for LIP or chain drive (prepared for LIP plugin and wireless plugin) input 230VAC - output 24VDC/3A	121370
Flex1 ACDC Switch mode power supply for LIP or chain drive (prepared for LIP plugin and wireless plugin) input 230VAC - output 24VDC/4A	121380
Flex1 ACDC Switch mode power supply for LIP or chain drive (prepared for LIP plugin and wireless plugin) input 230VAC - output 24VDC/6A	121390
<b>Overload Units for JM-DC:</b>	
LA-1 0,5A, IP54 Single	99300002
LA-1 1,1A, IP54 Single	99300003
LA-TR 1,1A, IP54 Tandem	99300010
LA-TR 0,55A, IP54 Tandem	99300011
LA-2 1,1A, 230VAC/24VDC IP54 Tandem incl. Power supply	99300013
<b>Tools &amp; Test equipment:</b>	
PMD - Programming Tool for Chain Drives	390520
Motor Test Box 24VDC incl. Charger	99250804
Test spray - smoke detector	111743

# ACCESSORIES

(selected editions)



Product description	Item no.
<b>Sensors:</b>	
Rain sensor AC - incl. bracket input 20-35VAC/DC or 200-250VAC - output potential free contact max 250VAC/2A	111960
Wind and Rain sensor AC - incl. bracket input 20-35VAC/DC or 200-250VAC - output potential free contact max 250VAC/2A	111961
Transmitter - Wind and Rain sensors AC for wireless connection, for Actulux Control Panels and Flex1 ACDC	111892
Extender unit for wireless Wind and Rain sensors (excl. programming)	111896
Wind & Rain sensor JO, complete set WRM401/C	9960020
Bracket set for Wind -& Rain sensor - Roof mounting	9960024
Bracket set for Wind -& Rain sensor - Wall mounting	9960025
Smoke detector APO, optical IP43	111740
Smoke detector Optical ECO 1003	99550021
Heat detector APO 75° IP54	111735
Heat detector ECO1004T 78° incl. socket	99550013
Heat detector ECO1005T 58° incl. socket	99550015
CO2 sensor incl. Power supply	111688
<b>Other Accessories:</b>	
Relay PCB extra 2Xoutp.in box	111655
PCB for "open indication" for SV Control Panels "Add On"	111690
PCB for external Firemans Priority Switch for SVM Control Panels "Add-On"	121613
Weekly timer 1 channel	111760
Room thermostat	111778
Room thermostat w/adjustable hysteresis	111779
SA Basic Set 1-5000N (Actuator + LIP)	213200
Battery Box - backup extension 12Ah for SVM Control Panels (SVM cabinet + 2 x 12V/12Ah batteries + connection wires + mounting plate)	216000
Battery 12V-7,2Ah 151x65x95mm for Control Panels - see page 8 and 9 for use!	800348
Battery 12V-12Ah 151x94x98mm for SV/SV-ds Control Panels - see page 9 for use!	800622
Sign "Brandventilation" 420x148mm Aluminium	111432
Hygrostat 20-80% relative humidity 230VAC - Max. 5,0 A	99650043

Subject to printing errors!

