

## SIDE OPERATED SWITCHES POLYCARBONATE ENCLOSED 16 A

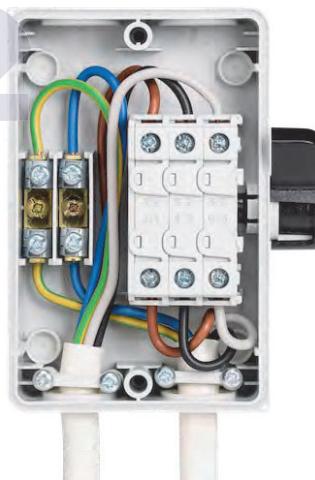


- IP67 without cable glands, IP65 with cable glands.
- Fully rated Load Break Switch
- Good resistance against UV and many chemicals
- Membrane gasket cable entries with strain relief as standard 2 x 20mm on top, 2 x 20mm on bottom and 2 x 15mm on base.
- Wall mounting with membrane gaskets
- Wall mounting dimensions: 90,0 x 62,0
- Large 1,5 - 16 mm<sup>2</sup> cable terminals
- Padlockable handle to off-position
- Handle sealable to on-position
- Enclosure can be sealed in any position
- Available 2, 3, 4P and with auxiliary contact (S)
- Large 1,5 - 16 mm<sup>2</sup> Neutral and earth terminals on 3P switch, earth on 2P and 4P switches
- Door interlock

Dimensional drawings: Dimensional drawings section of this catalogue

3D STEP files available:  
[www.katko.com/3d-models](http://www.katko.com/3d-models)

Accessories available: [www.katko.com/products/accessories/](http://www.katko.com/products/accessories/)



Enclosure type	Width mm	Height mm	Depth mm	Material	IP rating
M1	83	128	55,6	PC	67

Type		AC-23A / 400 V	AC-23A / 690 V	Poles	Enclosure	EAN code		Weight kg
Grey	Y/R					Grey	Y/R	
KSM 216 M1	KSM 216 YR M1	16 A/7,5 kW	--	2P	M1	6419410328347	6419410328170	0.21
KSM 316 M1	KSM 316 YR M1	16 A/7,5 kW	--	3P	M1	6419410328354	6419410328507	0.28
KSM 416 M1	KSM 416 YR M1	16 A/7,5 kW	--	4P	M1	6419410328361	6419410328187	0.28
KSM 316S M1	KSM 316S YR M1	16 A/7,5 kW	--	3P*	M1	6419410328378	6419410328606	0.31
KSM 225 M1	KSM 225 YR M1	25 A / 11 kW	--	2P	M1	6419410328385	6419410328460	0.21
KSM 325 M1	KSM 325 YR M1	25 A / 11 kW	--	3P	M1	6419410328392	6419410328590	0.28
KSM 425 M1	KSM 425 YR M1	25 A / 11 kW	--	4P	M1	6419410328408	6419410328484	0.28
KSM 325S M1	KSM 325S YR M1	25 A / 11 kW	--	3P*	M1	6419410328415	6419410328613	0.31

\*with auxiliary contact, Y/R=yellow/red

## SAFETY SWITCHES / ISOLATORS 10 - 800 A

### Enclosures:

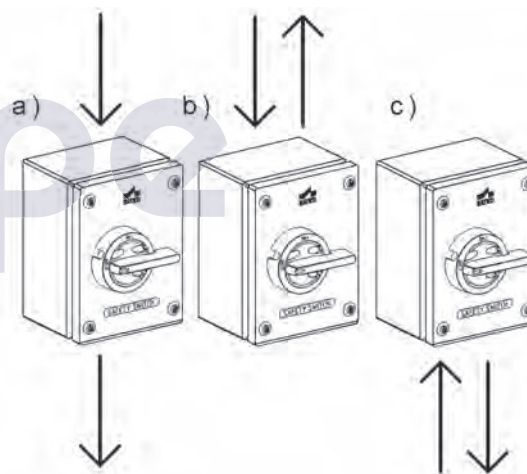
- |                       |                 |
|-----------------------|-----------------|
| Polycarbonate (KEM)   | IP66/IP65       |
| Polycarbonate (KSM)   | IP67            |
| ABS (KEM)             | IP65            |
| Sheet steel (KET)     | IP65            |
| Aluminium (KEA)       | IP66/IP65       |
| Stainless steel (KER) | IP69K/IP66/IP65 |
- Tested according to IEC 60 947-3 and UL 60947-4-1A
  - CB certificates
  - VDE certificates
  - Comply with ISO 9001 and ISO 14001
  - AC-23, 690V ratings
  - Multiple break with silver rivets
  - Airgap 12,5 mm
  - Door interlock
  - Lockable handle
  - Reliable position indication
  - Standard grey/black and yellow/red series  
grey/black= grey cover, black handle  
yellow/red= yellow cover, red handle
  - Standard models 3P, 4P, 6P and 8P
  - 1P and 2P available

### KATKO SWITCHES - FOR HEAVY DUTY

- Superior life span even in most demanding environments such as papermills, chemical plants, steelworks and food processing plants.

### EASY TO INSTALL

- Retrofit snap-on auxilliary contacts
- Flexible installation, incoming and outgoing cables for example:
  - a) KEM 3400: In from the top, out from the bottom of the enclosure
  - b) KEM 3400 Y: in- and outgoing cables from the top of the enclosure
  - c) KEM 3400 A: in- and outgoing cables from the bottom of the enclosure



NOTE: When ordering switches with ampere rating 200A or higher, please mention the intended cabling directions if other than shown in a).

### RECOMMENDED ENCLOSURE FOR DIFFERENT CABLE SIZES

Polycarbonate Enclosures	Cable size mm2	Sheet Steel Enclosures	Cable size mm2	Aluminium Enclosures	Cable size mm2	Stainless Steel Enclosures
M1, M2	3x2,5+2,5	T3	3x2,5+2,5	A2	3x2,5+2,5	RA2
M1, M2	3x6+6	T3	3x6+6	A2	3x6+6	RA2
M3	3x10+10	T3	3x10+10	A4	3x10+10	RA4
M3	3x16+16	T3	3x16+16	A4	3x16+16	RA4
M4	3x35+16	T4	3x35+16	A4	3x35+16	RA5
M4	3x50+25	T5	3x50+25	A5	3x50+25	RA5
MF01	3x70+35	T5	3x70+35	A5	3x70+35	RA5
MF03, MF04	3x95+50	T6	3x95+50	A6	3x95+50	R6
MF03, MF04	3x120+70	T6	3x120+70	A6	3x120+70	R6
MF03, MF04	3x185+95	T6	3x185+95	A6	3x185+95	R6
MF03, MF04	3x240+120	T7/T10A	3x240+120	A6	3x240+120	R7-R10

ALWAYS CHOOSE THE RIGHT SWITCH FOR THE RIGHT PURPOSE!