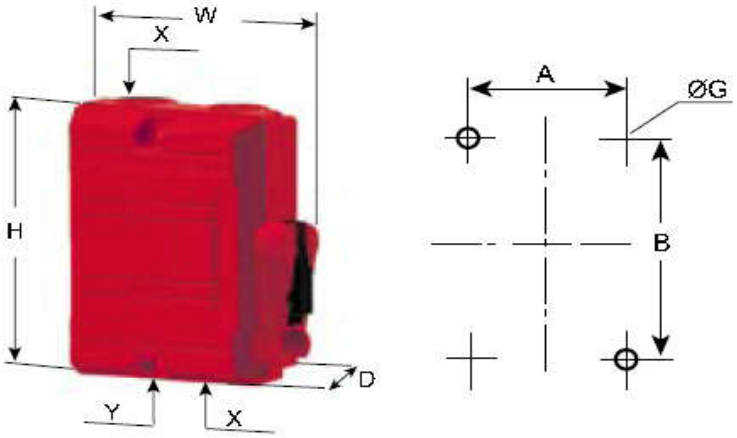
Enclosed switches - Fireman switch

Enclosure: Aluminum alloy
Auxiliary contact: Not iIncluded (*Aux.contact included)
Colors
Enclosure: Red
Handle and cover: Red
Standards
Devices complying with
- International standards IEC 60947-3
- Brittish standards BS7671 (Requirements for electrical installations)

Aluminum enclosed side-operated switch-disconnectors

Rated operational current [A] AC-22A			Poles	Cable entries Up/Down	Enclosure size			Type	Order number	Weight kg/pce
230V	400V	690V			W	H	D			
25	25		2	2xM25/2xM25	109	130	60	KSF225 DP	2CMA142435R1000	0.57
25	25	16	3	2xM25/2xM25	109	130	60	KSF325 TPN	2CMA142436R1000	0.59
40	40	32	3	2xM32/2xM32+1xM16	136	168	68	KSF340 TPN	2CMA142438R1000	0.82
25	25	16	3	2xM25/2xM25	109	130	60	KSF325 NO/TPN*	2CMA142442R1000	0.60
25	25	16	4	2xM25/2xM25	109	130	60	KSF425 TPSN	2CMA142437R1000	0.59
40	40	32	4	2xM32/2xM32+1xM16	136	168	68	KSF440 TPSN	2CMA142439R1000	0.83

* Auxiliary contact included.



Type	Size W	H	D	Cable entry X	Y	Fixing dimensions A	B	G
2-pole, Aluminum enclosed side-operated switch-disconnectors								
KSF 225...	109	130	60	2xM25	-	64	90	5
3-pole, Aluminum enclosed side-operated switch-disconnectors								
KSF 325...	109	130	60	2xM25	-	64	90	5
KSF 340...	136	168	68	2xM32	1xM16	90	127	5
4 pole-Aluminum								
KSF 425...	109	130	60	2xM25	-	64	90	5
KSF 440...	136	168	68	2xM32	1xM16	90	127	5

Enclosed switches
Ratings IEC 60 947-3

Switches type BW and KSE Safety switches type BWS and LBAS Plastic and metal enclosure I_e AC23A 16-90 A I_h 25-125 A For motors P_e up to 45 kW U_e 400-750V Degree of protection: IP54 or IP65		BW225 DP BW225 W DP KSE225 DP KSF225 DP	BW325 L	BW325W BW325 BW325 K BW425 BW325Y BW625 KSE325 KSE425 BWS316 BWS416 BWS616 BWS316Y BWS416Y BWS616Y BWS316F LBAS316 LBAS416 KSF325 KSF425	BW240 DP KS 240 DP	BW340 BW440 BW640 KSE340 KSE440 BWS325 BWS425 BWS625 BWS325Y BWS425Y BWS625Y LBAS325 LBAS425 KSF340 KSF440
Isolation voltage	V	690	400	690	690	690
Uimp	V	8 8	8	8	8	8
Rated thermal current Ithe at 40ºC Ithe at 60ºC With minimum conductor cross section	A A mm²	25 25 4	25 4	32 4	40 10	40 10
Operating voltage, Ue	V	230 400	400	400 500 690	230 400	400 500 690
Rated current Ie AC23A Ie AC22A	A A	16 16 25 25	16 25	16 16 10 25 25 16	25 25 40 40	25 25 16 40 40 25
Max fuse, aM	A	50 50	50	50 35 35	50 50	50 35 35
Conditional short-circuit current	kA	25 25	25	25 25 25	25 25	25 25 25
Fuse protected short-circuit making capacity	kA	5.5 5.5	5.0	5.0 4.8 4.8	5.5 5.5	5.0 4.8 4.8
Rated making capacity ≤ 100A cos = 0,45	A	160 160	160	160 160 100	250 250	250 250 160
Rated breaking capacity ≤ 100A cos = 0,45	A	128 128	128	128 128 80	200 200	200 200 128
Max motor power	kW		7,5	7.5 7.5 7.5		11 15 11
Terminals for cable section Cu	mm²	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10
Earth terminal	mm²	10	10	10	10	10