

# TECHNICAL DATA

## Switch-Disconnectors, Load Switches & Control Stations

Switch Type	Thermal Rating	Insulation Voltage, U <sub>i</sub>	Rated Operating Current & Power						Short Circuit Protection	Terminal Capacity			
			Operational Current, I <sub>e</sub>			Operational Power, 3 ph.				Max. fuse gl/gG char.	Single core/ stranded wire.	Flexible wire, with sleeve.	Terminal bolt for Cu bar/lug.
			AC-15	AC-21A	AC-21B	AC-3	AC-23A	A					
Enclosed rating I <sub>the</sub>			110v	690v	440v max.	220-240v	380-415v	220-240v	380-415v	A	mm <sup>2</sup>	mm <sup>2</sup>	mm
A	V		A			kW			A	mm <sup>2</sup>	mm <sup>2</sup>	mm	
<b>Switch-disconnectors - selection data in accordance with: IEC 60947, IEC 60204, BS EN 60947, BS EN 60204</b>													
C316 (6 pole)	275	1000	- - -	275	-	37	55	75	132	315	150	150	M12
KG10	20	690	- - -	20	-	2.2	3.7	3	5.5	20	2.5	1.5	-
KG20	25	690	- - -	25	-	4	5.5	5.5	7.5	35	6	4	-
KG32	32	690	- - -	32	-	5.5	7.5	5.5	11	35	6	4	-
KG41	40	690	- - -	40	-	7.5	11	7.5	15	50	16	10	-
KG64	63	690	- - -	63	-	11	18.5	11	22	63	16	10	-
KG80	80	690	- - -	80	-	15	22	18.5	30	80	50	35	-
KG100	100	690	- - -	100	-	18.5	30	22	37	100	50	35	-
KG105	125	690	- - -	125	-	22	37	25	45	125	50	35	-
KG125	125	1000 <sup>1)</sup>	- - -	125	-	22	37	30	45	125	95	70	-
KG160	160	1000 <sup>1)</sup>	- - -	160	-	30	45	30	55	160	95	70	-
KG210	200	1000 <sup>1)</sup>	- - -	200	-	37	55	37	75	200	185	120	-
KG250	250	1000 <sup>1)</sup>	- - -	250	-	37	55	37	90	250	185	120	-
KG315	315	1000 <sup>1)</sup>	- - -	315	-	45	75	55	110	315	185	120	-
KH16	16	800 <sup>1)</sup>	- - -	16	-	3	5.5	4.5	7.5	25	6	4	-
KH20	20	800 <sup>1)</sup>	- - -	20	-	3.5	6.5	5.5	10	32	6	4	-
KH25	25	800 <sup>1)</sup>	- - -	25	-	4	7.5	7	12	35	6	4	-
KH32	32	800 <sup>1)</sup>	- - -	32	-	5.5	11	9	16	35	10	6	-
KH40	40	800 <sup>1)</sup>	- - -	40	-	7.5	15	11	20	50	10	6	-
KH63	63	1000 <sup>1)</sup>	- - -	63	-	11	22	18.5	30	80	35	25	-
KH80	80	1000 <sup>1)</sup>	- - -	80	-	15	30	23	40	100	35	25	-
KH85	100	1000 <sup>1)</sup>	- - -	100	-	3)	3)	3)	3)	100	35	25	-
UK20	20	690	5 5 4	20	-	3	5.5	3.7	7.5	25	2x2.5	2x2.5	-
UK25	25	690	8 8 5	25	-	4	7.5	5.5	11	35	2x4	2x2.5	-
UK32	32	690	14 14 6	32	-	5.5	11	7.5	15	50	2x6	2x4	-
UK250	250	1000	- - -	250	-	-	-	75	132	400	-	-	M10
UK315	315	1000	- - -	315	-	-	-	90	160	400	-	-	M10
UK500	500	1000	- - -	500	-	-	-	132	200	500	-	-	M10
UK630	630	1000	- - -	630	-	-	-	180	315	800	-	-	M12
UK800	800	1000	- - -	800	-	-	-	200	355	800	-	-	M12
UK1000	1000	1000	- - -	1000	-	-	-	250	400	1000	-	-	M12

### Switches & Control Stations - selection data in accordance with: IEC 60947, BS EN 60947.

CA10	20	690	5 5 4	20	-	3	5.5	3.7	7.5	25	2x2.5	2x2.5	-
CA20	25	690	8 8 5	25	-	4	7.5	5.5	11	35	2x4	2x2.5	-
CA25	32	690	12 12 6	32	-	5.5	11	7.5	15	35	2x6	2x4	-
C32	50	690	16 16 7	40	-	7.5	15	11	22	63	2x10	2x6	-
C42	63	690	- - -	63	-	11	18.5	15	30	80	2x16	2x10	-
C80	115	690	- - -	100	-	15	30	30	45	125	35	25	-
C125	150	690	- - -	150	-	22	37	37	75	200	70	50	-
C315 (In MB10 encl)	275	690	- - -	275	-	37	55	75	132	315	150	150	M12
KN1/KN2/KN3/KN10	20	690	5 5 4	20	-	3	5.5	3.7	7.5	25	2x2.5	2x2.5	-
KN4	20	690	- - -	-	-	3 <sup>2)</sup>	5.5 <sup>2)</sup>	-	-	25	2x2.5	2x2.5	-
KN5/KN6	25	690	8 8 5	25	-	4	7.5	5.5	11	35	2x4	2x2.5	-
KN7/KN8	32	690	14 14 6	32	-	5.5	11	7.5	15	50	2x6	2x4	-
P N/P SN	6	500	6 6 4	-	-	-	-	-	-	10	2.5	1.5	-

#### Notes:

1) Only valid for no-load switching (AC-20A) above 690v.  
2) 1 phase, 240v, rating = 1.5kW.

3) KH85 is only available as 2 pole changeover switch.  
Single phase rating @240v: AC-3 =10kW, 62A.  
AC-23A =11kW, 68A.