

Cam switches

Type K

Applications	Used in building control panels and consoles, type K cam switches allow control of processes and utilities in industry and buildings and direct control for simple machines.	
Functions		
Off-On/On-Off switches	1 to 4-pole	1 to 6-pole
Stepping switches	2 to 4-position, 1 and 2-pole	2 to 12-position, 1 to 4-pole
Changeover switches	1 to 4-pole	1 to 5-pole
Measurement switches	Voltmeter and ammeter	Voltmeter and ammeter
Reversing switches	–	2 and 3-pole
Reversing star-delta switches	–	–
Pole change switches	–	2 and 3-speed



Conventional rated thermal current (I_{th})	10 A	12 A
Rated insulation voltage (U_i)	440 V	690 V
Electrical operating characteristics	AC-15 - A300 240 V - 3 A	AC-3 - 3-phase 230 V - 1.1 kW - 4.6 A AC-15 230 V - 3 A
Front plate degree of protection	IP 65	IP 40 IP 65 (with seal)
Product composition	Complete switches	Complete switches Adaptable sub-assemblies Special products (please consult your Regional Sales Office)
Compatibility	Ø 16 and Ø 22 control and signalling units	Ø 22 control and signalling units
Fixing		
Front mounting	Single Ø 16 or Ø 22 hole	Multi-fixing Single Ø 22 hole
Rear mounting	–	Screw fixing, 4 holes on 36 mm centres
Front plate dimensions (mm)	30 x 30	45 x 45 60 x 60 (adaptable sub-assemblies)
Operating heads	Black standard handle Metallic legend, black marking	Black and red standard and long handles Key operator Metallic head Metallic legend with black marking or black legend with white marking
Approvals	cULus EN/IEC 60947-3 EN/IEC 60947-5-1	UL-CSA EN/IEC 60947-3 EN/IEC 60947-5-1
Type	Type K10	Type K1/K2
Cam switch model	K10 ●	K1 ●
Pages	30051-EN/4	30048-EN/2 and 30053-EN/2

1 to 6-pole	1 to 6-pole
2 to 12-position, 1 to 4-pole	–
1 to 5-pole	1 to 4-pole
–	–
2 and 3-pole	2 and 3-pole
Star-delta	Star-delta
2 and 3-speed	2-speed



20 A	32 A	50 A	63 A	115 A	150 A
690 V	690 V	690 V	690 V	690 V	690 V
AC-3 - 3-phase 230 V - 2.2 kW - 8.3 A	AC-3 - 3-phase 230 V - 5.5 kW	AC-3 - 3-phase 230 V - 7.5 kW	AC-3 - 3-phase 230 V - 11 kW	AC-3 - 3-phase 230 V - 15 kW	AC-3 - 3-phase 230 V - 22 kW
AC-15 230 V - 4 A	AC-15 230 V - 14 A	AC-15 230 V - 16 A	–	–	–
	IP 40				
	Complete switches				
	–				
	By 4 holes on 48 mm centres			By 4 holes on 68 mm centres	
	Screw fixing, 4 holes on 48 mm centres			Screw fixing, 4 holes on 68 mm centres	
	64 x 64			88 x 88	
	Black standard handle Metallic legend, black marking				
	cULus EN/IEC 60947-3				
	Type K30...K150				
K2 ●	K30 ●	K50 ●	K63 ●	K115 ●	K150 ●
30048-EN/2	30052-EN/4				