Catalog | January 2023

Harmony® K

Ø 16-22 cam switches

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Life Is On Schneider Electric

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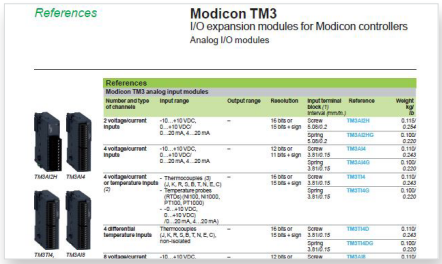
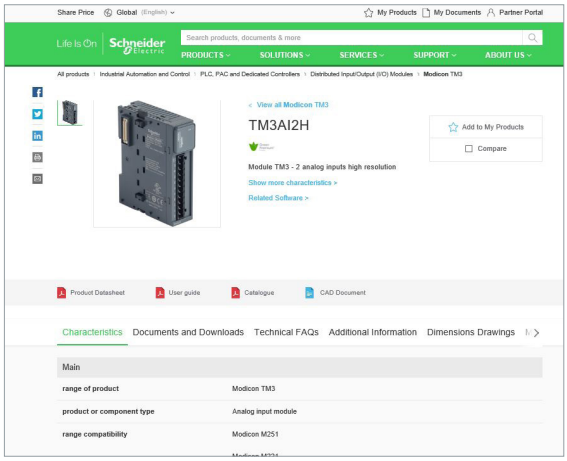
Get technical information about your product





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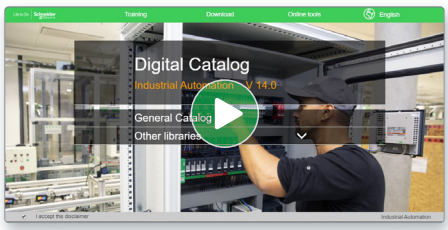
- Characteristics, Dimensions and drawings, Mounting and clearance, Connections and schemas, Performance curves
- Product image, Instruction sheet, User guide, Product certifications, End of life manual

Find your catalog



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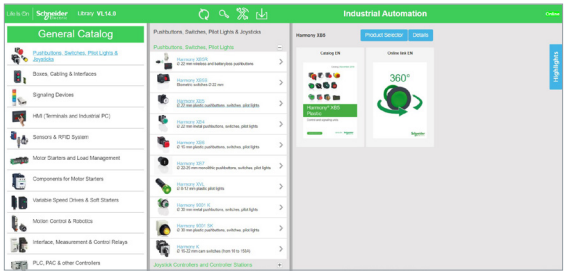
> Consult digital automation catalogs at Digi-Cat Online



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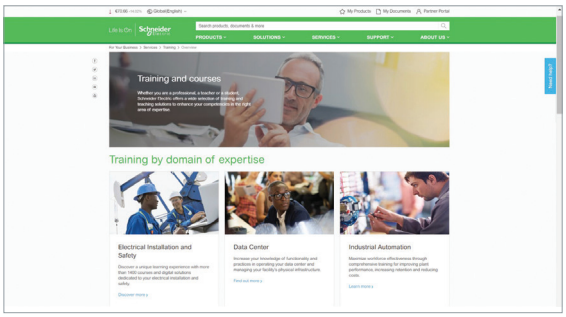
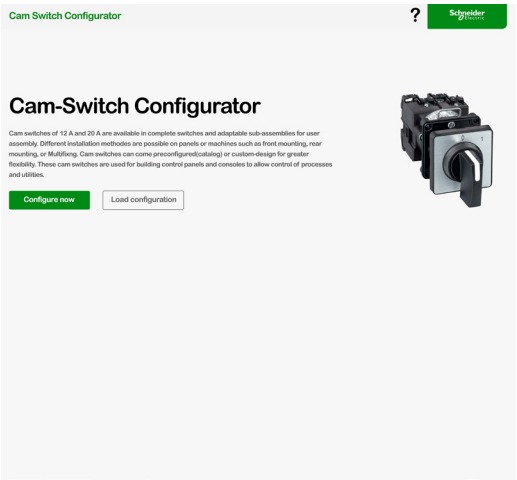


Life Is On Schneider Electric

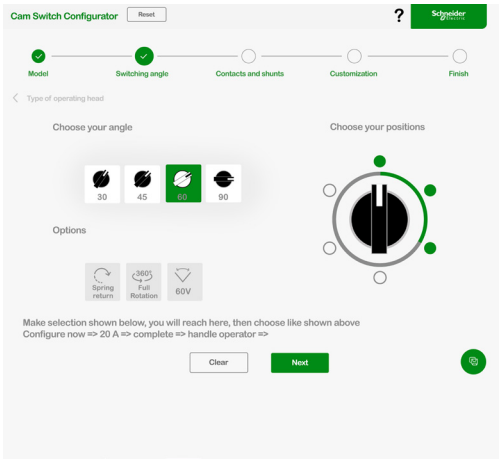
General contents

Cam switch configurator
Series K



A cam switch configurator is a tool used to configure cam switches. The configurator allows the user to specify the desired specifications and characteristics of the cam switch, such as the number of poles and contacts, the type of actuator, and the mounting style. The configurator then generates a unique code that can be used to order the switch with the specified specifications.

This cam switch configurator has a user-friendly interface that makes it easy to specify the desired specifications. The user can input the desired specifications using selection menus, text boxes, or other input methods. This configurator also has diagrams or illustrations that help the user understand how the different specifications and options will affect the overall performance of the switch.



Using a cam switch configurator can

- Ensure that the customer orders the correct switch for their specific application.
- Help customers easily specify the desired specifications and see how they will affect the switch's performance
- Help to save time and reduce the risk of ordering a switch that is not suitable for the application.

How to access

https://camswitcconfig-prod.se.com/

Harmony K

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 (Ith) **Rated insulation voltage (Ui)**		**10 A** 440 V	**12 A** 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 (Consult our Customer Care Centre)
Compatibility		Ø 16 and Ø 22 control and signaling units	Ø 22 control and signaling 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/*1.42 in.* centres
Front plate dimensions (mm)		30 x 30 mm/*1.18 x 1.18 in.*	45 x 45 mm/*1.77 x 1.77 in.* 60 x 60 mm/*2.36 x 2.36 in.* (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●**

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 690 V	**32 A** 690 V	**50 A** 690 V	**63 A** 690 V	**115 A** 690 V	**150 A** 690 V
AC-3 - 3-phase 230 V - 2.2 kW - 8.3 A AC-15 230 V - 4 A	AC-3 - 3-phase 230 V - 5.5 kW AC-15 230 V - 14 A	AC-3 - 3-phase 230 V - 7.5 kW AC-15 230 V - 16 A	AC-3 - 3-phase 230 V - 11 kW –	AC-3 - 3-phase 230 V - 15 kW –	AC-3 - 3-phase 230 V - 22 kW –
IP 40 IP 65 (with seal)	IP 40				
Complete switches Adaptable sub-assemblies Special products (Consult our Customer Care Centre)	Complete switches				
Ø 22 control and signaling units	–				
Multi-fixing Single Ø 22 hole	By 4 holes on 48 mm /*1.89 in.* centres			By 4 holes on 68 mm/*2.68 in.* centres	
Screw fixing, 4 holes on 36 mm/*1.42 in.* centres	Screw fixing, 4 holes on 48 mm/*1.89 in.* centres			Screw fixing, 4 holes on 68 mm/*2.68 in.* centres	
45 x 45 mm/1.77 x 1.77 in. 60 x 60 mm/*2.36 x 2.36 in.* (adaptable sub-assemblies)	64 x 64 mm/*2.52 x 2.52 in.*			88 x 88 mm/*3.46 x 3.46 in.*	
Black and red standard and long handles Key operator Metallic head Metallic legend with black marking or black legend with white marking	Black standard handle Metallic legend, black marking				
UL-CSA EN/IEC 60947-3 EN/IEC 60947-5-1	cULus EN/IEC 60947-3				
	Type K30...K150				
K2●	**K30●**	**K50●**	**K63●**	**K115●**	**K150●**

Cam switches
Series K
Functions panorama

Functions		Complete switches 10 A
		See pages
Switches	with 60° switching angle	9
	with 45° switching angle	–
	with 90° switching angle	–
	ON-OFF with spring return from 30° to “0” position	–
	OFF-ON with spring return from 30° to “0” position	–
	OFF-ON with spring return from 120° to 90°	–
	OFF-ON with spring return from 30° and from 330° to “0” position	–
	OFF-ON with 45° switching angle	–
	OFF-ON with momentary-contact function	–
	paralleling with “0” position	–
	OFF-ON changeover with spring return from 240° to 270° and from 120° to 90°	–
Stepping switches	single-pole with or without “0” position	9, 10
	2-pole with or without “0” position	10, 11
	2 to 5 step, single-pole, with or without “0” position	–
	2 to 5 step, 2-pole, with or without “0” position	–
	2 and 3 step, 3-pole, with or without “0” position	–
	2 to 11 step, single-pole, with “0” position	–
	2 to 12 step, single-pole, without “0” position	–
	2 to 6 step, 2-pole, with or without “0” position	–
	2 to 6 step, 3-pole, with or without “0” position	–
	2 to 5 step, 4-pole, with or without “0” position	–
	2 and 3 step, with “0” position + left-hand position	–
	3 step, without “0” position	–
	4 step, 4-pole, without “0” position	–
	2 step, with “0” position	–
	3 step, 2-pole, with “0” position	–
	5 step, 2-pole, with “0” position	–
Changeover switches	spring return to “0” position	11
	with or without “0” position	12
	1 to 4-pole with “0” position	–
	1 to 4-pole without “0” position	–
	1-pole, 2-pole, 3-pole with “0” position	
	star-delta and reversing star-delta	–
	pole change	–
Voltmeter switches	with “0” position	13
	without “0” position	–
Ammeter switches	with “0” position	13
	without “0” position	–
Selector switches	BCD encoded output, with “0” position	–
	BCD encoded output, without “0” position	–
	multi-circuit	–
	star-delta and reversing star-delta	–
Reversing switches	with “0” position	–
	with spring return from 330° and from 30° to “0” position	–
	with spring return from 315° and from 45° to “0” position	–
	with spring return from 240° to 270° and from 120° to 90°	–
	with momentary-contact function	–
Pole change switches	for 2-speed motors	–
	for 3-speed motors	–
Start selector switches	3-position with “0” position	–
	4-position with “0” position	–
Starting switches	star-delta and reversing star-delta	–
	pole change	–

Complete switches 12 and 20 A	Complete switches 12 A, with key operated lock	Adaptable sub-assemblies 12 and 20 A	Complete switches 32 to 150 A
See pages	See pages	See pages	See pages
–	–	–	76
18	–	32	–
18	–	33	77
19	–	34	–
19	–	34	–
20	–	34	–
20	–	35	–
–	–	34	–
–	–	35	–
–	–	42	–
–	–	35	–
–	–	–	–
–	–	–	–
21, 22	–	–	–
23, 24	–	–	–
25, 26	–	–	–
–	–	43, 44	–
	–	45, 46	–
–	–	47, 48	–
–	–	49, 50	–
–	–	51, 52	–
–	–	56	–
–	69	–	–
–	70	–	–
–	71	–	–
–	72	–	–
–	72	–	–
–	–	–	–
–	–	36, 37	78
27	–	–	–
27	–	–	–
–	73	–	–
–	–	58, 59	–
–	–	60	79
30	–	54	–
30	–	54	–
28	–	53	–
28	–	53	–
–	–	39, 40	–
–	–	40, 41	–
–	–	–	–
–	–	58	–
–	–	38, 57	80
–	–	57	–
27	–	38	–
–	–	38	–
–	–	38	–
–	–	59, 60	80
–	–	–	
–	–	–	–
–	73	–	–
–	–	–	79
–	–	–	80

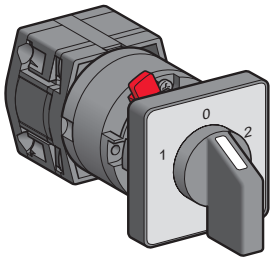
Cam switches
Complete switches, 10 A

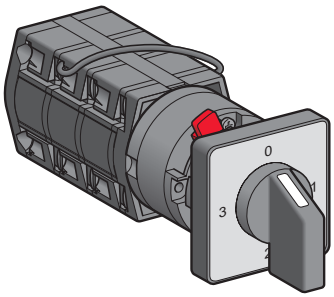
The range of K10 cam switches (10 A rating) comprises only complete switches. These products are more specifically designed for process control applications:
- compact size,
- easy to integrate with other Ø 16 mm/*0.63 in.* and Ø 22 mm/*0.87 in.* units,
- selection functions.

Complete switches

- switches
- stepping switches
- changeover switches
- voltmeter switches
- ammeter switches

Front mounting

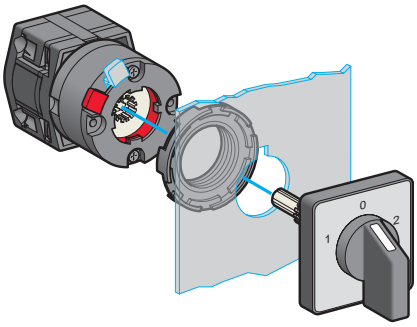




By Ø 16.3 mm/*0.64 in.* or Ø 22.3 mm/*0.88 in.* hole

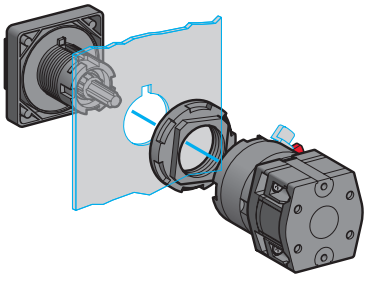
Mounting

Ø 16 or Ø 22 hole fixing

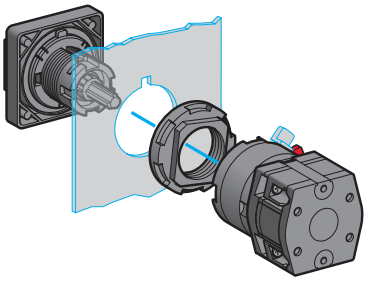


Locking/unlocking of the body-head assembly by spigot

Ø 16 hole fixing



Ø 22 hole fixing



Cam switches

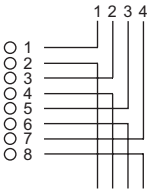
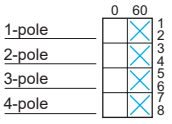
Complete switches, 10 A

Front mounting by Ø 16 or Ø 22 mm hole
With 30 x 30 mm front plate

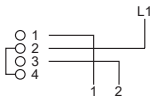
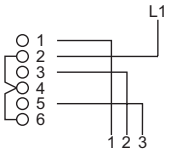
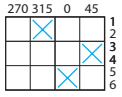
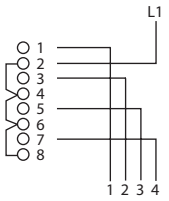
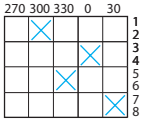
55257

K10B002ACH

Switches with 60° switching angle

Wiring diagram and switching programme	Marking and switch position	Number of poles	Reference	Weight kg/*lb*
 	 	1	K10A001ACH	0.030/*0.066*
		2	K10B002ACH	0.035/*0.077*
		3	K10C003ACH	0.045/*0.099*
		4	K10D004ACH	0.045/*0.099*

Stepping switches, single-pole, with “0” position

Wiring diagram and switching programme	Marking and switch position	Number of steps	Reference	Weight kg/*lb*
 	 	2 + “0” position	K10B002QCH	0.035/*0.077*
 	 	3 + “0” position	K10C003QCH	0.045/*0.099*
 	 	4 + “0” position	K10D004QCH	0.045/*0.099*

550298

K10D004QCH

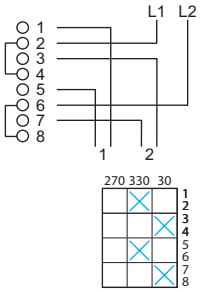
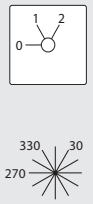
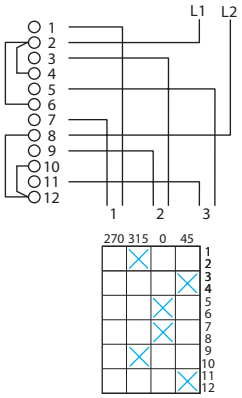
Cam switches

Complete switches, 10 A

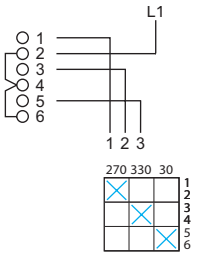
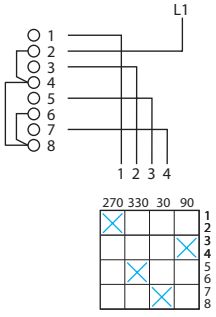
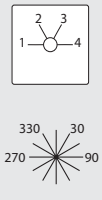
Front mounting by Ø 16 or Ø 22 mm hole
With 30 x 30 mm front plate

K10D012QCH

Stepping switches, 2-pole, with “0” position

Wiring diagram and switching programme	Marking and switch position	Number of steps	Reference	Weight kg/*lb*
		2 + “0” position	K10D012QCH	0.045/*0.099*
		3 + “0” position	K10F013QCH	0.055/*0.121*

Stepping switches, single-pole, without “0” position

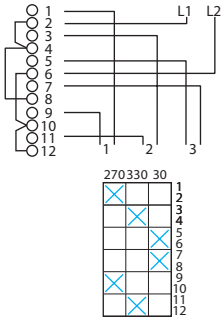
		3	K10C003NCH	0.045/*0.099*
		4	K10D004NCH	0.045/*0.099*

Cam switches

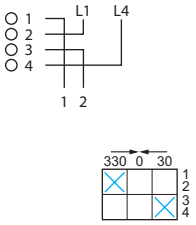
Complete switches, 10 A

Front mounting by Ø 16 or Ø 22 mm hole
With 30 x 30 mm front plate

Stepping switch, 2-pole, without “0” position

Wiring diagram and switching programme	Marking and switch position	Number of steps	Reference	Weight kg/*lb*
		3	K10F013NCH	0.055/*0.121*

Changeover switch with spring return to “0” position

Wiring diagram and switching programme	Marking and switch position	Number of poles	Reference	Weight kg/*lb*
		1	K10B006TCH	0.035/*0.077*

K10B006TCH

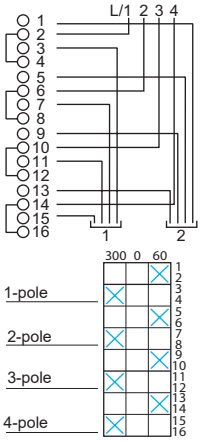
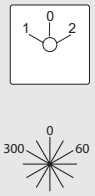
Cam switches

Complete switches, 10 A

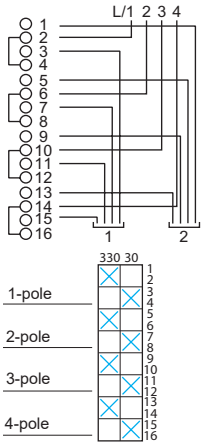
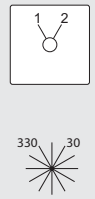
Front mounting by Ø 16 or Ø 22 mm hole
With 30 x 30 mm front plate

K10F003UCH

Changeover switches with “0” position

Wiring diagram and switching programme	Marking and switch position	Number of poles	Reference	Weight kg/*lb*
		1	K10B001UCH	0.035/*0.077*
		2	K10D002UCH	0.045/*0.099*
		3	K10F003UCH	0.055/*0.121*
		4	K10H004UCH	0.065/*0.143*

Changeover switches without “0” position

Wiring diagram and switching programme	Marking and switch position	Number of poles	Reference	Weight kg/*lb*
		1	K10B011UCH	0.035/*0.077*
		2	K10D012UCH	0.045/*0.099*
		3	K10F013UCH	0.055/*0.121*
		4	K10H014UCH	0.065/*0.143*

Cam switches

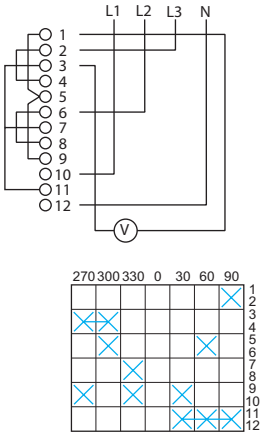
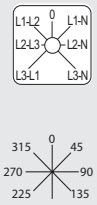
Complete switches, 10 A

Front mounting by Ø 16 or Ø 22 mm hole
With 30 x 30 mm front plate

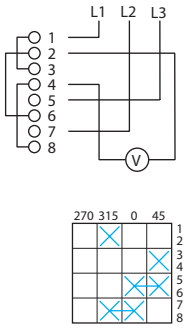
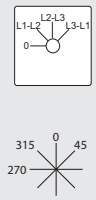
K10F027MCH

Voltmeter switches

For measurements between 3 phases and between 1 phase and neutral

Wiring diagram and switching programme	Marking and switch position	Reference	Weight kg/*lb*
		**K10F027MCH**	0.055/*0.121*

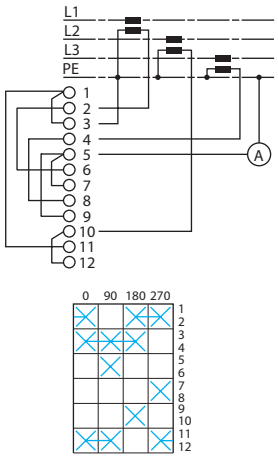
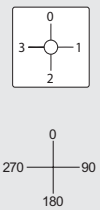
For measurements between 3 phases, with “0” position

		**K10D024MCH**	0.045/*0.099*

Ammeter switches

For 3 circuits, with “0” position

K10F003MCH

		**K10F003MCH**	0.055/*0.121*

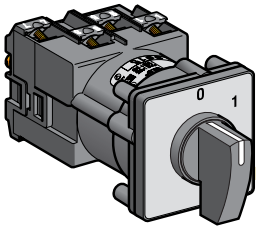
Cam switches
Complete switches and adaptable sub-assemblies, 12 and 20 A

The cam switch range comprises the equally dimensioned and similar looking products of the K1 (12 A rating) series and K2 (20 A rating) series.
Both series feature complete switches and adaptable sub-assemblies for user assembly.

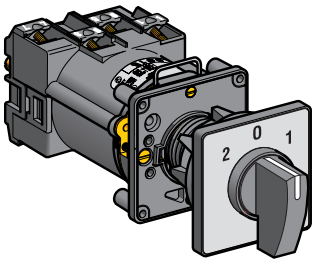
Complete switches

Front mounting

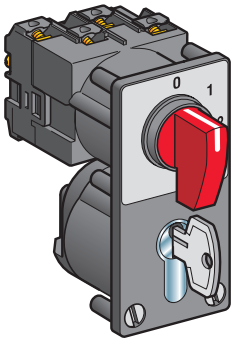
- switches
- stepping switches (2 to 5 step)
- reversing and 1 to 4-pole changeover switches
- ammeter and voltmeter switches



"Multi-fixing"
K1●●●●●●H, K2●●●●●●H
See pages to 18 to 25



By Ø 22 mm/*0.87 in.* hole
K1●●●●●●H, K2●●●●●●H
See pages 18 to 25

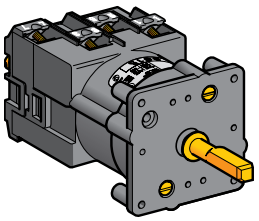


Front mounting by 6 screws Ø 5.2 mm/*0.20 in.* and 55 x 100 mm/*2.16 x 3.94 in.* front plate
K1●●●●●Z●
See pages 69 to 73

Switches for user assembly

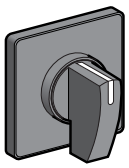
Front mounting

Body sub-assembly

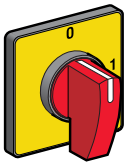


"Multi-fixing"
K1●●●●●●L, K2●●●●●●LL
See pages 32 to 60

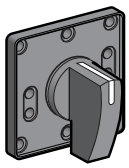
Head sub-assembly
■ **With 45 x 45 mm/*1.77 x 1.77 in.* front plate and 35 mm/*1.38 in.* handle**



With blank legend
K●G3H
See page 61



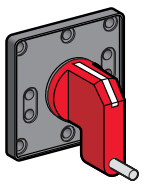
With marked legend
KCG3H
See page 61



Without legend
KDG3H
See page 61

Head sub-assembly
■ **With 45 x 45 mm/*1.77 x 1.77 in.* front plate, 35 mm/*1.38 in.* handle and padlocking device**

With marked legend
KCG3Y
See page 61



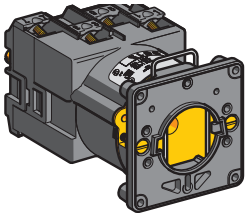
Without legend
KDG3Y
See page 61

Cam switches
Complete switches and adaptable sub-assemblies, 12 and 20 A

Switches for user assembly (continued)

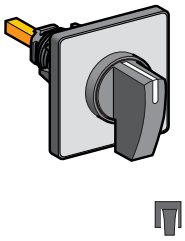
Front mounting (continued)

Body sub-assembly

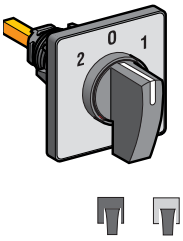


With Ø 22 mm/*0.87 in.* hole
K1●●●●●●, K2●●●●●●L
See pages 32 to 60

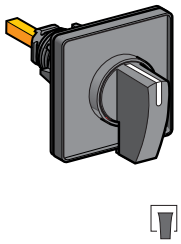
Head sub-assembly
■ **With 45 x 45 mm/ *1.77 x 1.77 in.* front plate and 35 mm/*1.38 in.* handle**



With blank legend
K●C1H
See page 61

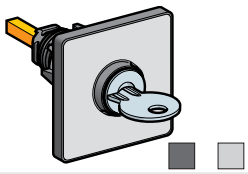


With marked legend *(1)*
K●C1●●
See page 61

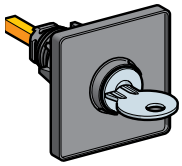


Without legend
KDC1●●
See page 61

Head sub-assembly
■ **With 45 x 45 mm/*1.77 x 1.77 in.* front plate and key operator**

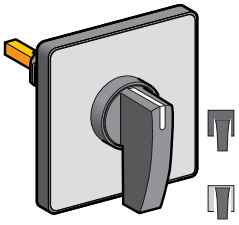


With blank legend
K●C1●
See page 61

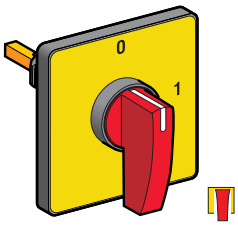


Without legend
KDC1●
See page 61

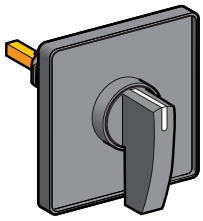
Head sub-assembly
■ **With 60 x 60 mm/*2.36 x 2.36 in.* front plate and 42 mm/*1.65 in* handle**



With blank legend
K●D1H
See page 61

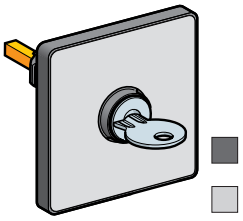


With marked legend
KCD1MH
See page 61

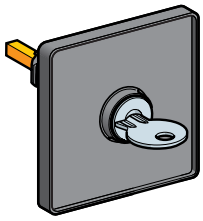


Without legend
KDD1H
See page 61

Head sub-assembly
■ **With 60 x 60 mm/*2.36 x 2.36 in.* front plate and key operator**



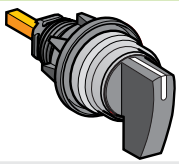
With blank legend
K●D1●
See page 62



Without legend
KDD1●
See page 62

Head sub-assembly
■ **Circular with plastic bezel**

Key operator
K●A1●
See page 62



35 mm/*1.38 in.* handle
K●A1H
See page 62

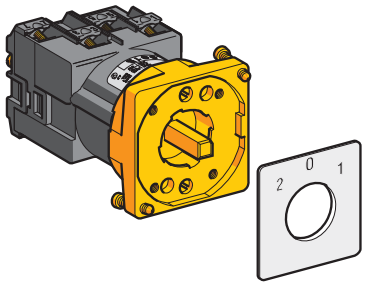
(1) With or without padlocking device.

Cam switches
Complete switches and adaptable sub-assemblies, 12 and 20 A

Switches for user assembly (continued)

Front mounting (continued)

Body sub-assembly



With Ø 22 mm/*0.87 in.* hole and metal mounting plate
K1●●●●●K, K2●●●●●X
See pages 32 to 60

Head sub-assembly
■ **Circular with metal bezel**

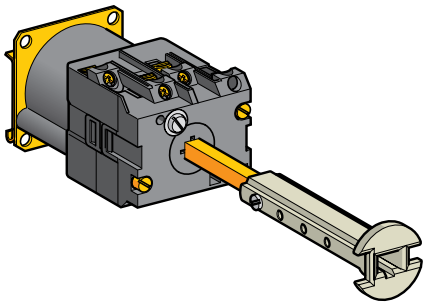
Standard handle
KAXZ1M1●
See page 62

Long handle
KAXZ1C1●
See page 62

Key operator
KAXZ1S1●●
See page 62

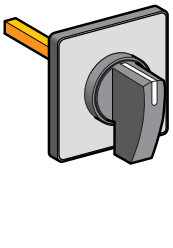
Rear mounting

Body sub-assembly

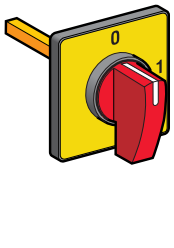


With 4 holes
K1●●●●●, K2●●●●●
See pages 32 to 60

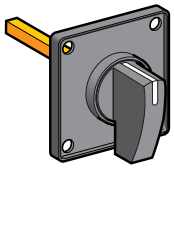
Head sub-assembly
■ **With 45 x 45 mm/*1.77 x 1.77 in.* front plate and 35 mm/*1.38 in.* handle**



With blank legend
K●E1H
See page 62

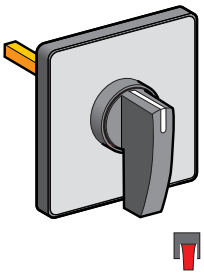


With marked legend *(1)*
KCE1●
See page 62

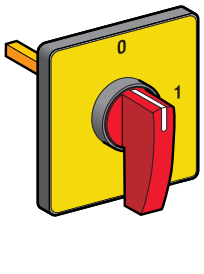


Without legend
KDE1●
See page 62

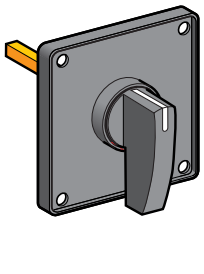
Head sub-assembly
■ **With 60 x 60 mm/*2.36 x 2.36 in.* front plate and 42 mm/*1.65 in* handle**



With blank legend
K●F1H
See page 62



With marked legend
KCF1MH
See page 62



Without legend
KDF1H
See page 62

(1) With or without padlocking device.

Accessories

Various accessories complement the K1 - K2 cam switch range: legends, legend holders, terminal covers, seals, etc. See pages 63 to 68.

Switches with specific schemes

If you cannot find a standard switching programme listed in this catalogue to suit your application, please consult our Customer Care Centre.

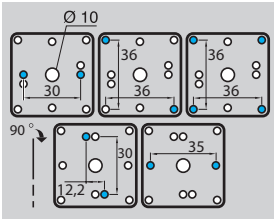
Cam switches
Complete switches and adaptable sub-assemblies, 12 and 20 A

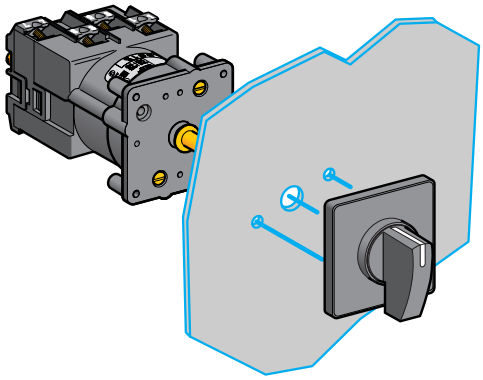
The cam switches are available to suit various mounting and fixing methods.

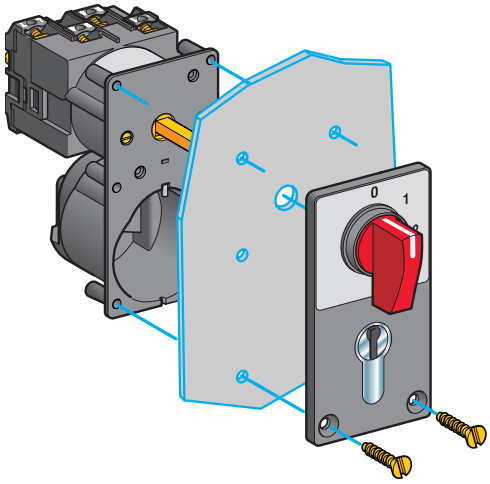
Fixing

Front mounting

By means of "multi-fixing" front plate, using 2 or 4 screws



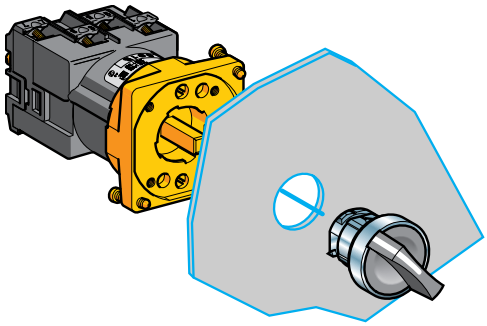


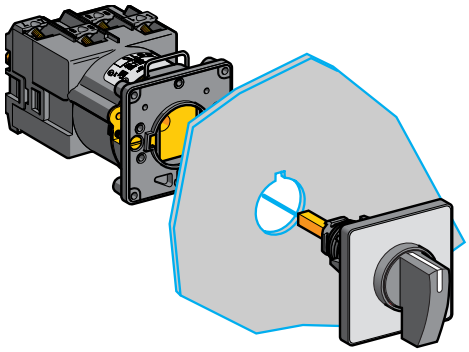


The "multi-fixing" concept enables the switch to be panel mounted using the most commonly used fixing centre dimensions. See drawing to left.

Fixing by 6 screws Ø 5.2 mm and 55 x 100 mm front plate.

By means of single Ø 22 mm/*0.87 in.* hole



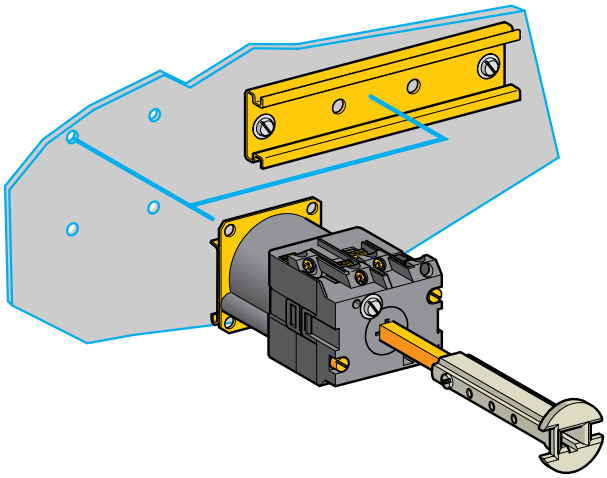


Ø 22.5 mm cut-out.
Head attaches to plate using 1/4 turn bayonet locking and secured on panel by 2 needle screws.

Ø 22.5 mm cut-out with anti-rotation notch.
Head clips into body and secured on panel by fixing nut.

Rear mounting

By means of 4 holes



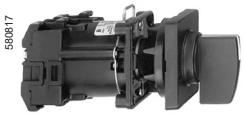
Switch can be directly mounted on backplate using 4 screws.
For DIN rail mounting, an adaptor is available as an accessory. See page 68.

Cam switches

Complete switches, 12 and 20 A

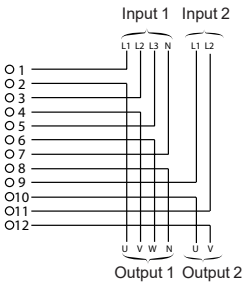
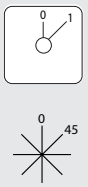
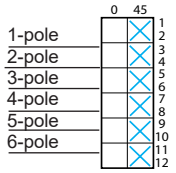
Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

K●●●●●●LH

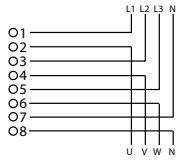
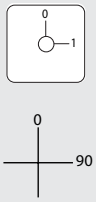
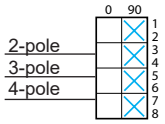


K●●●●●●CH

Switches with 45° switching angle

Wiring diagram and switching programme	Marking and switch position	Front mounting method	Number of poles	Thermal current (Ith)	Reference	Weight
				A		kg/*lb*
		**“Multi-fixing”**	1	12	K1A001ALH	0.103/*0.227*
				20	K2A001ALH	0.103/*0.227*
			2	12	K1B002ALH	0.113/*0.249*
				20	K2B002ALH	0.113/*0.249*
			3	12	K1C003ALH	0.133/*0.293*
				20	K2C003ALH	0.133/*0.293*
			4	20	K2D004ALH	0.138/*0.304*
			5	20	K2E005ALH	0.158/*0.348*
			6	20	K2F006ALH	0.168/*0.370*
		**By Ø 22 mm/ *0.87 in.* hole**	1	12	K1A001ACH	0.123/*0.271*
				20	K2A001ACH	0.123/*0.271*
			2	12	K1B002ACH	0.133/*0.293*
				20	K2B002ACH	0.133/*0.293*
			3	12	K1C003ACH	0.153/*0.337*
				20	K2C003ACH	0.153/*0.337*
			6	12	K1F006ACH	0.188/*0.414*
				20	K2F006ACH	0.188/*0.414*

Switches with 90° switching angle

		**“Multi-fixing”**	2	12	K1B1002HLH	0.130/*0.287*
				20	K2B1002HLH	0.130/*0.287*
			3	20	K2C003HLH	0.135/*0.298*
			4	20	K2D004HLH	0.140/*0.309*
		**By Ø 22 mm/ *0.87 in.* hole**	2	12	K1B1002HCH	0.150/*0.331*
				20	K2B1002HCH	0.150/*0.331*
			3	12	K1C003HCH	0.155/*0.342*
				20	K2C003HCH	0.155/*0.342*

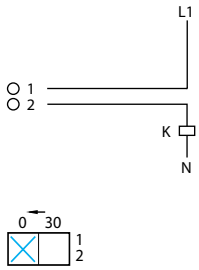
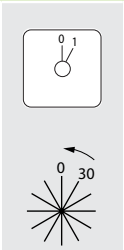
Cam switches

Complete switches, 12 and 20 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

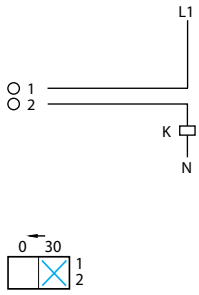
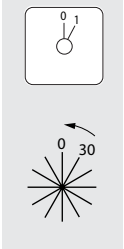
K●●●●●●LH

ON-OFF switches with spring return from 30° to “0” position

Wiring diagram and switching programme	Marking and switch position	Front mounting method	Number of poles	Thermal current (Ith)	Reference	Weight
				A		kg/*lb*
		**“Multi-fixing”**	1	12	K1A002TLH	0.105/*0.231*

K●●●●●●CH

OFF-ON switches with spring return from 30° to “0” position

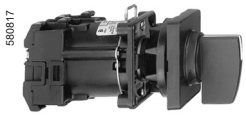
Wiring diagram and switching programme	Marking and switch position	Front mounting method	Number of poles	Thermal current (Ith)	Reference	Weight
		**By Ø 22 mm/ *0.87 in.* hole**	1	12	K1A001TCH	0.125/*0.275*
				20	K2A001TCH	0.125/*0.275*

Cam switches

Complete switches, 12 and 20 A

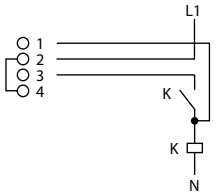
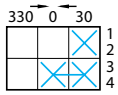
Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

K●●●●●●LH



K●●●●●●CH

OFF-ON switches with spring return from 30° and from 330° to “0” position

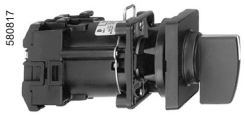
Wiring diagram and switching programme	Marking and switch position	Front mounting method	Number of poles	Thermal current (Ith)	Reference	Weight
 	 	**“Multi-fixing”**	1	20	K2B004TLH	0.115/*0.253*
		By Ø 22 mm/ *0.87 in.* hole	1	20	K2B004TCH	0.135/*0.298*

Cam switches

Complete switches, 12 and 20 A

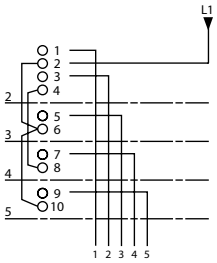
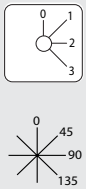
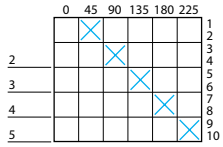
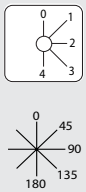
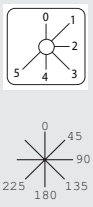
Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

K●●●●●●LH



K●●●●●●CH

Stepping switches (2 to 5 step), single-pole, with “0” position

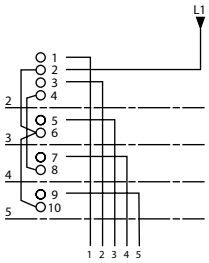
Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
		“Multi-fixing”	**2 step +“0”**		
			12	K1B002QLH	0.115/*0.253*
		“Multi-fixing”	**3 step +“0”**		
			12	K1C003QLH	0.135/*0.298*
			20	K2C003QLH	0.135/*0.298*
		**By Ø 22 mm/ *0.87 in.* hole**	12	K1C003QCH	0.155/*0.342*
			20	K2C003QCH	0.155/*0.342*
		“Multi-fixing”	**4 step +“0”**		
			12	K1D004QLH	0.140/*0.309*
			20	K2D004QLH	0.140/*0.309*
		By Ø 22 mm/ *0.87 in.* hole	12	K1D004QCH	0.160/*0.353*
		“Multi-fixing”	**5 step +“0”**		
			12	K1E005QLH	0.160/*0.353*
			20	K2E005QLH	0.160/*0.353*
		By Ø 22 mm/ *0.87 in.* hole	12	K1E005QCH	0.180/*0.397*

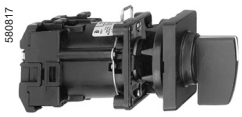
Cam switches

Complete switches, 12 and 20 A

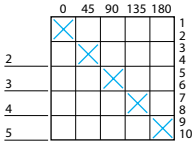
Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

K●●●●●●LH





K●●●●●●CH



Stepping switches (2 to 5 step), single-pole, without “0” position

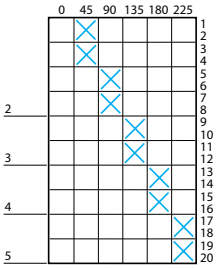
Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
			2 step		
		**By Ø 22 mm/ *0.87 in.* hole**	12	K1B002NCH	0.135/*0.298*
			3 step		
		**“Multi-fixing”**	12	K1C003NLH	0.135/*0.298*
			20	K2C003NLH	0.135/*0.298*
		**By Ø 22 mm/ *0.87 in.* hole**	12	K1C003NCH	0.155/*0.342*
			4 step		
		**“Multi-fixing”**	12	K1D004NLH	0.140/*0.309*
		**By Ø 22 mm/ *0.87 in.* hole**	12	K1D004NCH	0.160/*0.353*
			5 step		
		**“Multi-fixing”**	12	K1E005NLH	0.160/*0.353*
		**By Ø 22 mm/ *0.87 in.* hole**	12	K1E005NCH	0.180/*0.397*

Cam switches

Complete switches, 12 and 20 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

K●●●●●●LH



K●●●●●●CH

Stepping switches (2 to 5 step), 2-pole, with “0” position

Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
			3 step +“0”		
		**“Multi-fixing”**	12	K1F013QLH	0.170/*0.374*
		**By Ø 22 mm/ *0.87 in.* hole**	12	K1F013QCH	0.190/*0.419*
			4 step +“0”		
		**“Multi-fixing”**	12	K1H014QLH	0.195/*0.430*
		**By Ø 22 mm/ *0.87 in.* hole**	12	K1H014QCH	0.215/*0.474*
			5 step +“0”		
		**“Multi-fixing”**	20	K2K015QLH	0.225/*0.496*
		**By Ø 22 mm/ *0.87 in.* hole**	12	K1K015QCH	0.245/*0.540*

Cam switches

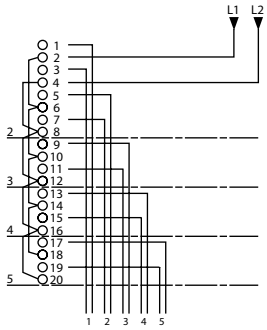
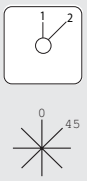
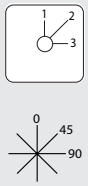
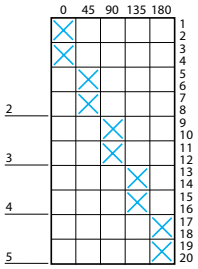
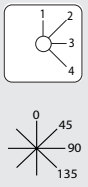
Complete switches, 12 and 20 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

K●●●●●●LH

K●●●●●●CH

Stepping switches (2 to 5 step), 2-pole, without “0” position

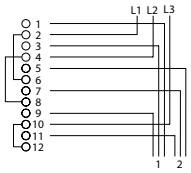
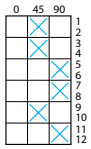
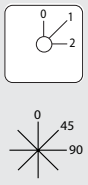
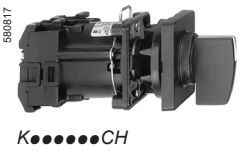
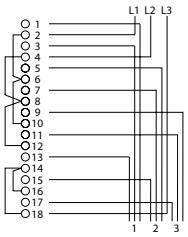
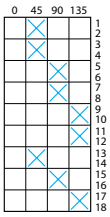
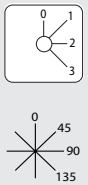
Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
			2 step		
		**“Multi-fixing”**	12	**K1D012NLH**	0.140/*0.309*
			3 step		
		**“Multi-fixing”**	12	**K1F013NLH**	0.170/*0.374*
			20	**K2F013NLH**	0.170/*0.374*
		**By Ø 22 mm/ *0.87 in.* hole**	12	**K1F013NCH**	0.190/*0.419*
			4 step		
		**“Multi-fixing”**	12	**K1H014NLH**	0.195/*0.430*
		By Ø 22 mm/ *0.87 in.* hole	12	**K1H014NCH**	0.215/*0.474*
			5 step		
		**By Ø 22 mm/ *0.87 in.* hole**	12	**K1K015NCH**	0.245/*0.540*
			20	**K2K015NCH**	0.245/*0.540*

Cam switches

Complete switches, 12 and 20 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

Stepping switches (2 and 3 step), 3-pole, with “0” position

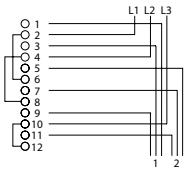
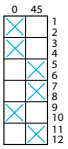
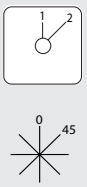
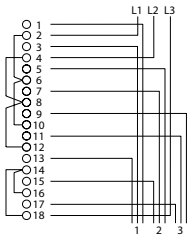
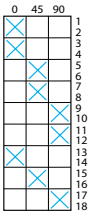
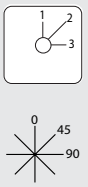
Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
			2 step +“0”		
 580818 K●●●●●●LH  		**“Multi-fixing”**	20	K2F022QLH	0.170/*0.374*
			3 step +“0”		
 580817 K●●●●●●CH  		**“Multi-fixing”**	12	K1I023QLH	0.215/*0.474*
		By Ø 22 mm/ *0.87 in.* hole	12	K1I023QCH	0.235/*0.518*

Cam switches

Complete switches, 12 and 20 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

Stepping switches (2 and 3 step), 3-pole, without “0” position

Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
			2 step		
 580818 K●●●●●●LH  		**“Multi-fixing”**	12	K1F022NLH	0.170/*0.374*
			3 step		
 580817 K●●●●●●CH  		**“Multi-fixing”**	12	K1I023NLH	0.215/*0.474*
		By Ø 22 mm/ *0.87 in.* hole	12	K1I023NCH	0.235/*0.518*

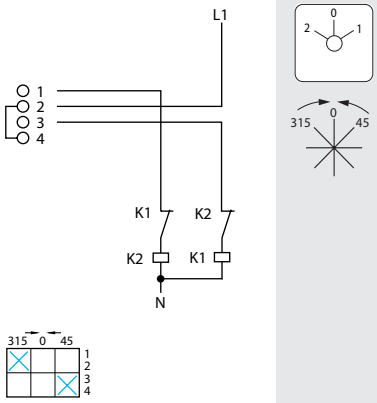
Cam switches

Complete switches, 12 and 20 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

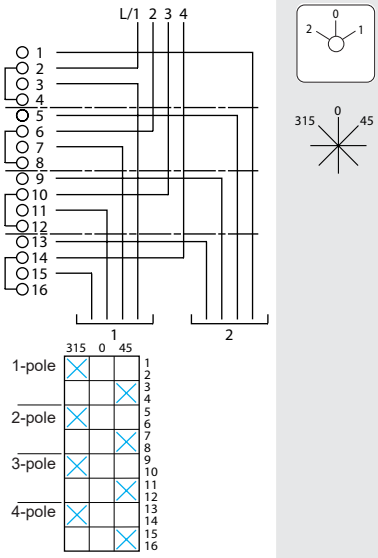
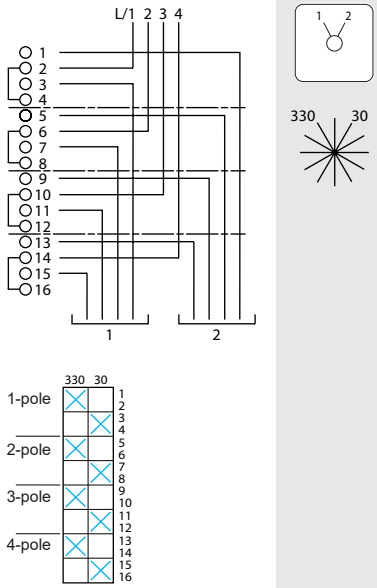
K●●●●●●LH

Reversing switches with spring return from 315° and from 45° to “0” position

Wiring diagram and switching programme	Marking and switch position	Front mounting method	Number of poles	Thermal current (Ith)	Reference	Weight
				A		kg/*lb*
		“Multi-fixing”	1	12	K1B006TLH	0.115/*0.253*
		By Ø 22 mm/ *0.87 in.* hole	1	12	K1B006TCH	0.135/*0.298*

K●●●●●●CH

Changeover switches, 1 to 4-pole

Wiring diagram and switching programme	Marking and switch position	Front mounting method	Number of poles	Thermal current (Ith)	Reference	Weight
				With “0” position		
		“Multi-fixing”	1	12	K1B001ULH	0.115/*0.253*
				20	K2B001ULH	0.115/*0.253*
			2	12	K1D002ULH	0.140/*0.309*
				20	K2D002ULH	0.140/*0.309*
			3	12	K1F003ULH	0.170/*0.374*
				20	K2F003ULH	0.170/*0.374*
			4	12	K1H004ULH	0.195/*0.430*
				20	K2H004ULH	0.195/*0.430*
		By Ø 22 mm/ *0.87 in.* hole	1	12	K1B001UCH	0.135/*0.298*
				20	K2B001UCH	0.135/*0.298*
			2	12	K1D002UCH	0.160/*0.353*
				20	K2D002UCH	0.160/*0.353*
			3	12	K1F003UCH	0.190/*0.419*
				20	K2F003UCH	0.190/*0.419*
			4	12	K1H004UCH	0.215/*0.474*
				20	K2H004UCH	0.215/*0.474*
		“Multi-fixing”	1	Without “0” position 12	K1B011ULH	0.115/*0.253*
				20	K2B011ULH	0.115/*0.253*
			2	12	K1D012ULH	0.140/*0.309*
				20	K2D012ULH	0.140/*0.309*
			3	12	K1F013ULH	0.170/*0.374*
			4	12	K1H014ULH	0.195/*0.430*
				20	K2H014ULH	0.195/*0.430*
		By Ø 22 mm/ *0.87 in.* hole	1	12	K1B011UCH	0.135/*0.298*
			2	12	K1D012UCH	0.160/*0.353*
				20	K2D012UCH	0.160/*0.353*
			3	12	K1F013UCH	0.190/*0.419*
				20	K2F013UCH	0.190/*0.419*
			4	12	K1H014UCH	0.215/*0.474*

Cam switches

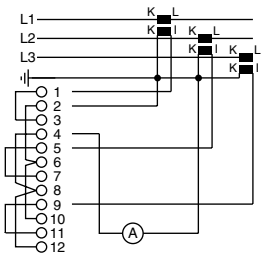
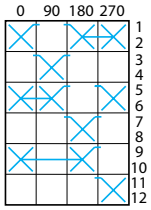
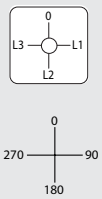
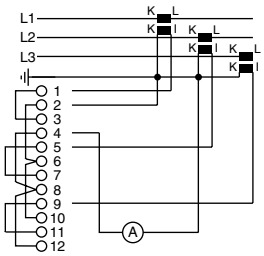
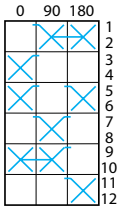
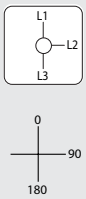
Complete switches, 12 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

K●●●●●●LH

K●●●●●●CH

Ammeter switches

Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
For 3 circuits					
			With “0” position		
 		**“Multi-fixing”**	12	K1F003MLH	0.170/*0.374*
		By Ø 22 mm/ *0.87 in.* hole	12	K1F003MCH	0.190/*0.419*
			Without “0” position		
 		**By Ø 22 mm/ *0.87 in.* hole**	12	K1F013MCH	0.190/*0.419*

Cam switches

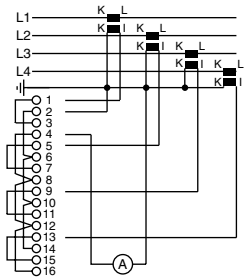
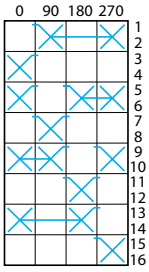
Complete switches, 12 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

580818

K●●●●●●LH

Ammeter switches (continued)

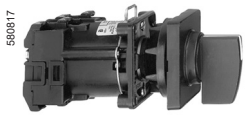
Wiring diagram and switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
			A		kg/*lb*
For 4 circuits					
 	 	“Multi-fixing”	**Without “0” position** 12	K1H014MLH	0.195/*0.430*

Cam switches

Complete switches, 12 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

K●●●●●●LH



K●●●●●●CH

Voltmeter switches

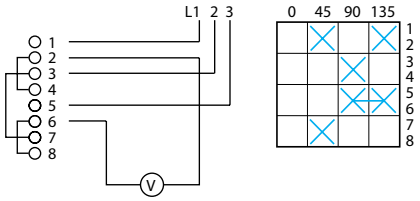
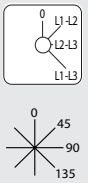
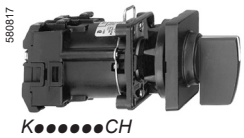
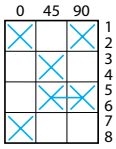
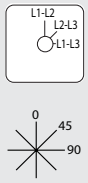
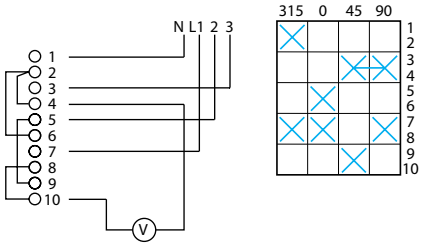
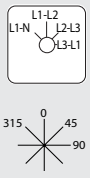
Wiring diagram	Switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
				A		kg/*lb*
For measurements between 3 phases of 2 supplies						
				With “0” position		
			“Multi-fixing”	12	K1H026MLH	0.205/*0.452*
For measurements between 3 phases and between each of the 3 phases and neutral						
				With “0” position		
			“Multi-fixing”	12	K1F027MLH	0.170/*0.374*
			By Ø 22 mm/ *0.87 in.* hole	12	K1F027MCH	0.190/*0.419*
				Without “0” position		
			“Multi-fixing”	12	K1F037MLH	0.170/*0.374*
			By Ø 22 mm/ *0.87 in.* hole	12	K1F037MCH	0.190/*0.419*

Cam switches

Complete switches, 12 A

Front mounting, “multi-fixing” or by Ø 22 mm hole
With 45 x 45 mm front plate, 35 mm handle and metallic legend with black marking

Voltmeter switches (continued)

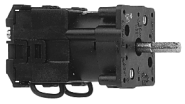
Wiring diagram	Switching programme	Marking and switch position	Front mounting method	Thermal current (Ith)	Reference	Weight
				A		kg/*lb*
For measurements between 3 phases						
 K●●●●●●LH						
			“Multi-fixing”	With “0” position 12	K1D024MLH	0.140/*0.309*
			By Ø 22 mm/ *0.87 in.* hole	12	K1D024MCH	0.160/*0.353*
 K●●●●●●CH			**By Ø 22 mm/ *0.87 in.* hole**	Without “0” position 12	K1D034MCH	0.160/*0.353*
For measurements between 3 phases and between 1 phase and neutral						
			**“Multi-fixing”**	Without “0” position 12	K1E035MLH	0.160/*0.353*
			By Ø 22 mm/ *0.87 in.* hole	12	K1E035MCH	0.180/*0.397*

Cam switches

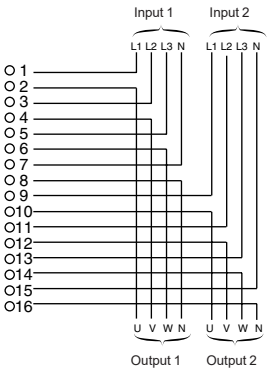
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

821543

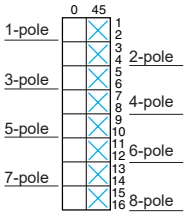


K●●0●●●L

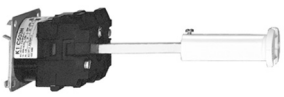


821544

K●●0●●●



560649



K●●5●●●

560644

K●●0●●●X

Switches with 45° switching angle

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
1-pole					
	0 45	Front	By Ø 22 mm/*0.87 in.* hole	**K●A001A**	0.075/*0.165*
2-pole					
	0 45	Front	Multi-fixing	**K●B002AL**	0.101/*0.223*
			By Ø 22 mm/*0.87 in.* hole	**K●B002A**	0.085/*0.187*
				K●B002AX *(2)*	0.163/*0.359*
		Rear		**K●B502A**	0.125/*0.275*
3-pole					
	0 45	Front	By Ø 22 mm/*0.87 in.* hole	**K●C003A**	0.105/*0.231*
				K●C003AX *(2)*	0.183/*0.403*
4-pole					
	0 45	Front	By Ø 22 mm/*0.87 in.* hole	**K●D004A**	0.110/*0.242*
5-pole					
	0 45	Front	By Ø 22 mm/*0.87 in.* hole	**K●E005A**	0.130/*0.287*
6-pole					
	0 45	Front	By Ø 22 mm/*0.87 in.* hole	**K●F006A**	0.140/*0.309*
7-pole					
	0 45	Front	By Ø 22 mm/*0.87 in.* hole	**K●G007A**	0.160/*0.353*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1A001A**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2A001A**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

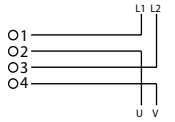
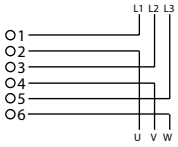
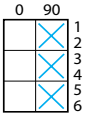
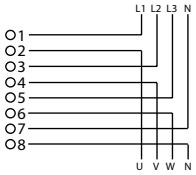
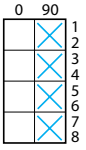
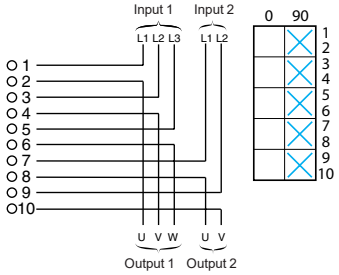
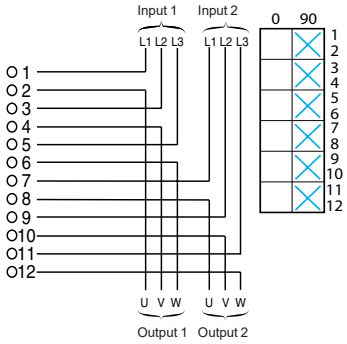
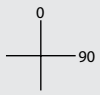
K●●0●●●L

K●●0●●●

K●●5●●●

K●●0●●●X

Switches with 90° switching angle

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
		2-pole				
			Front	Multi-fixing	**K●B1002HL**	0.121/*0.267*
				By Ø 22 mm/*0.87 in.* hole	**K●B1002H**	0.105/*0.231*
					K●B1002HX *(2)*	0.183/*0.403*
		3-pole				
			Front	By Ø 22 mm/*0.87 in.* hole	**K●C003H**	0.105/*0.231*
			Rear		**K●C503H**	0.140/*0.309*
		4-pole				
			Front	By Ø 22 mm/*0.87 in.* hole	**K●D004H**	0.110/*0.242*
		5-pole				
			Front	By Ø 22 mm/*0.87 in.* hole	**K●E005H**	0.130/*0.287*
		6-pole				
			Front	Multi-fixing	**K●F006HL**	0.156/*0.344*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1C003H**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2C003H**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

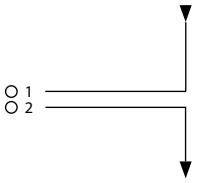
Cam switches

Adaptable sub-assemblies, 12 and 20 A

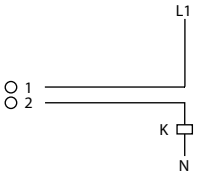
Bodies (contact blocks + fixing plate)

K●●0●●●

OFF-ON switches with 45° switching angle

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
			Front	By Ø 22 mm/*0.87 in.* hole	**K●A001A**	0.075/*0.165*

OFF-ON switches with spring return from 30° to "0" position

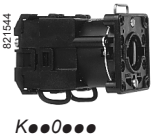
Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
			Front	By Ø 22 mm/*0.87 in.* hole	**K●A001T**	0.075/*0.165*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1A001A**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2A001A**.*

Cam switches

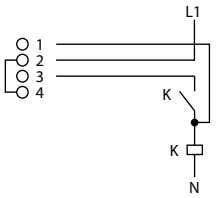
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

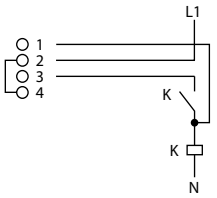


K●●0●●●

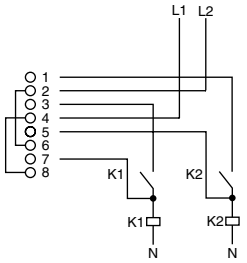
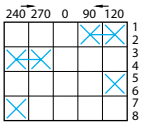
OFF-ON switches with spring return from 30° and from 330° to "0" position

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
 		Front	By Ø 22 mm/*0.87 in.* hole	**K●B004T**	0.085/*0.187*

OFF-ON switches with momentary-contact function

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
 		Front	By Ø 22 mm/*0.87 in.* hole	**K●B001D**	0.085/*0.187*

OFF-ON changeover switches with spring return from 240° to 270° and from 120° to 90°

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
 		Front	By Ø 22 mm/*0.87 in.* hole	**K●D005T**	0.110/*0.242*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B004T**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B004T**.*

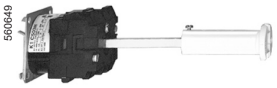
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

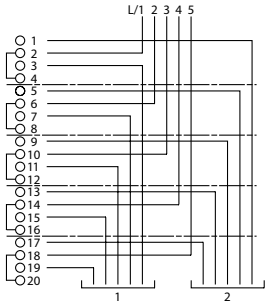
K●●0●●●L

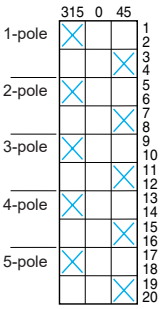
K●●0●●●



K●●5●●●

K●●0●●●X





Changeover switches with “0” position

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
1-pole					
		Front	Multi-fixing	**K●B001UL**	0.101/*0.223*
			By Ø 22 mm/*0.87 in.* hole	**K●B001U**	0.085/*0.187*
		Rear		**K●B501U**	0.125/*0.275*
2-pole					
		Front	Multi-fixing	**K●D002U**	0.110/*0.242*
			By Ø 22 mm/*0.87 in.* hole	**K●D002UX** *(2)*	0.188/*0.414*
3-pole					
		Front	Multi-fixing	**K●F003U**	0.140/*0.309*
			By Ø 22 mm/*0.87 in.* hole	**K●F003UX** *(2)*	0.218/*0.481*
		Rear		**K●F503U**	0.175/*0.386*
4-pole					
		Front	By Ø 22 mm/*0.87 in.* hole	**K●H004U**	0.165/*0.364*
5-pole					
		Front	By Ø 22 mm/*0.87 in.* hole	**K●K005U**	0.195/*0.430*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B001U**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B001U**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

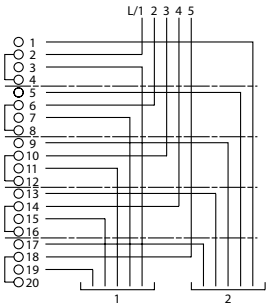
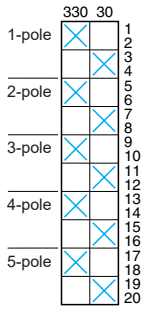
K●●0●●●L

K●●0●●●

K●●5●●●

K●●0●●●X

Changeover switches without “0” position

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
	1-pole				
		Front	By Ø 22 mm/*0.87 in.* hole	**K●B011U**	0.085/*0.187*
	2-pole				
		Front	By Ø 22 mm/*0.87 in.* hole	**K●D012U**	0.110/*0.242*
	3-pole				
		Front	Multi-fixing	**K●F013U**	0.140/*0.309*
			By Ø 22 mm/*0.87 in.* hole	**K●F013UX** *(2)*	0.218/*0.481*
		Rear		**K●F513U**	0.175/*0.386*
	4-pole				
			Multi-fixing	**K●H014U**	0.165/*0.364*
			By Ø 22 mm/*0.87 in.* hole	**K●H014UX** *(2)*	0.243/*0.536*
	5-pole				
		Front	Multi-fixing	**K●K015UL**	0.211/*0.465*
			By Ø 22 mm/*0.87 in.* hole	**K●K015U**	0.195/*0.430*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B011U**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B011U**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

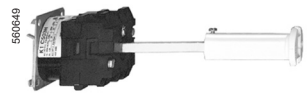
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

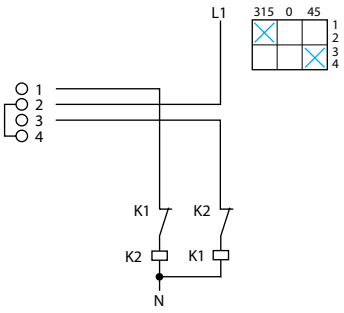
K●●0●●●L

K●●0●●●

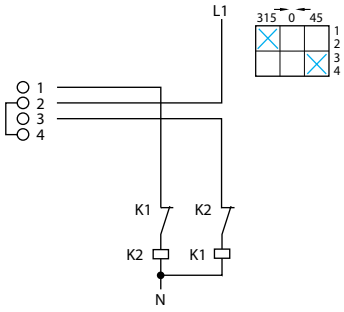


K●●5●●●

Reversing switches with “0” position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
			Front	Multi-fixing	**K●B001UL**	0.101/*0.223*
				By Ø 22 mm/ *0.87 in.* hole	**K●B001U**	0.085/*0.187*
			Rear		**K●B501U**	0.125/*0.275*

Reversing switches with spring return from 315° and from 45° to “0” position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
			Front	By Ø 22 mm/ *0.87 in.* hole	**K●B006T**	0.085/*0.187*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B001U**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B001U**.*

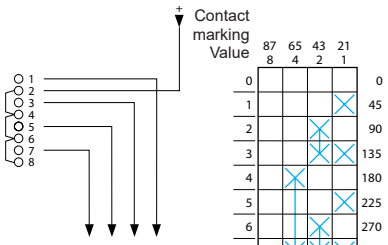
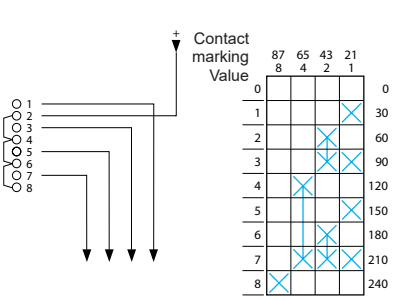
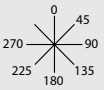
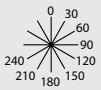
Cam switches
Adaptable sub-assemblies, 12 A
Bodies (contact blocks + fixing plate)

K●●0●●●L

K●●0●●●

K●●0●●●X

BCD encoded output switches with "0" position

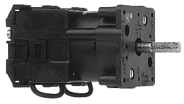
Wiring diagram	Switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
		**2 decimal**				
			Front	By Ø 22 mm/ *0.87 in.* hole	K1B002B	0.085/*0.187*
		3 decimal				
			Front	Multi-fixing	K1B003BL	0.101/*0.223*
				By Ø 22 mm/ *0.87 in.* hole	K1B003B	0.085/*0.187*
		5 decimal				
			Front	Multi-fixing	K1C005BL	0.121/*0.267*
		6 decimal				
			Front	By Ø 22 mm/ *0.87 in.* hole	K1C006B	0.105/*0.231*
					K1C006BX (2)	0.183/*0.403*
		7 decimal				
			Front	By Ø 22 mm/ *0.87 in.* hole	K1C007B	0.105/*0.231*
		8 decimal				
			Front	Multi-fixing	K1D008BL	0.126/*0.278*

(1) Ith = 12 A.

(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type ***KAXZ1●●●.***

Cam switches
Adaptable sub-assemblies, 12 A
Bodies (contact blocks + fixing plate)

BCD encoded output switches with “0” position (continued)

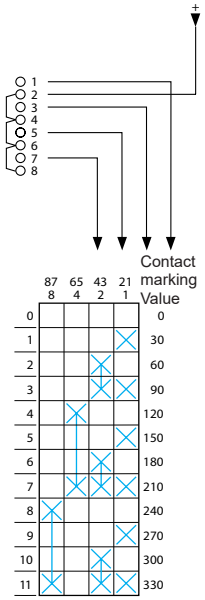


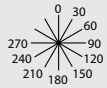
K●●0●●●L

K●●0●●●

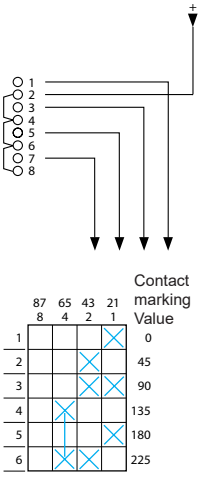
K●●5●●●

K●●0●●●X



Wiring diagram and switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
	9 decimal				
		Front	Multi-fixing	K1D009BL	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	K1D009B	0.110/*0.242*
	11 decimal				
		Front	By Ø 22 mm/*0.87 in.* hole	K1D011B	0.110/*0.242*

BCD encoded output switches without “0” position



Wiring diagram and switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
	3 decimal				
		Front	By Ø 22 mm/*0.87 in.* hole	K1B023B	0.085/*0.187*
	5 decimal				
		Front	By Ø 22 mm/*0.87 in.* hole	K1C025B	0.105/*0.231*
				K1C025BX *(2)*	0.183/*0.403*
	6 decimal				
		Front	By Ø 22 mm/*0.87 in.* hole	K1C026B	0.105/*0.231*

(1) Ith = 12 A.
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

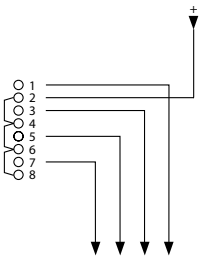
Adaptable sub-assemblies, 12 A

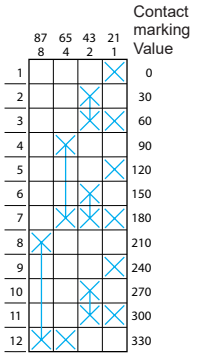
Bodies (contact blocks + fixing plate)

K●●0●●●L

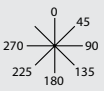
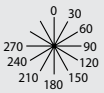
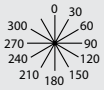
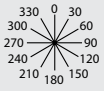
K●●0●●●

K●●0●●●X





BCD encoded output switches without “0” position (continued)

Wiring diagram and switching programme	Switch position	Mounting method		Reference (1)	Weight kg/*lb*
	7 decimal				
		Front	By Ø 22 mm/*0.87 in.* hole	**K1C027B**	0.105/*0.231*
				K1C027BX *(2)*	0.183/*0.403*
	8 decimal				
		Front	Multi-fixing	**K1D028BL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K1D028BX** *(2)*	0.188/*0.414*
	10 decimal				
		Front	Multi-fixing	**K1D030BL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K1D030B**	0.110/*0.242*
	11 decimal				
		Front	By Ø 22 mm/*0.87 in.* hole	**K1D031B**	0.110/*0.242*
	12 decimal				
		Front	By Ø 22 mm/*0.87 in.* hole	**K1D032B**	0.110/*0.242*

(1) Ith = 12 A.

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

Adaptable sub-assemblies, 12 and 20 A

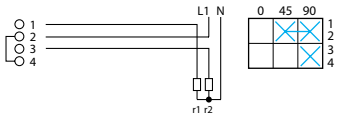
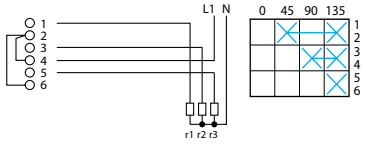
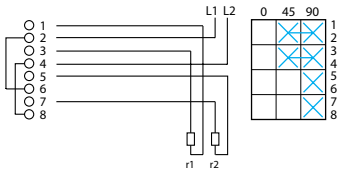
Bodies (contact blocks + fixing plate)

K●●0●●●L

K●●0●●●

K●●0●●●X

Paralleling switches with "0" position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
1-pole for 2 loads						
			Front	Multi-fixing	**K●B002GL**	0.101/*0.223*
1-pole for 3 loads						
			Front	Multi-fixing	**K●C003G**	0.105/*0.231*
				By Ø 22 mm/ *0.87 in.* hole	**K●C003GX** *(2)*	0.183/*0.403*
2-pole for 2 loads						
			Front	Multi-fixing	**K●D012G**	0.110/*0.242*
				By Ø 22 mm/ *0.87 in.* hole		

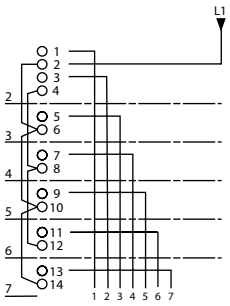
*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B002G**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B002G**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

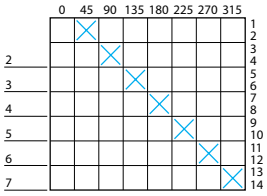
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

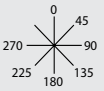
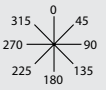
K●●0●●●L



K●●0●●●



K●●0●●●X

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
3 step + "0"					
		Front	By Ø 22 mm/*0.87 in.* hole	**K●C003Q**	0.105/*0.231*
				K●C003QX *(2)*	0.183/*0.403*
4 step + "0"					
		Front	By Ø 22 mm/*0.87 in.* hole	**K●D004Q**	0.110/*0.242*
5 step + "0"					
		Front	By Ø 22 mm/*0.87 in.* hole	**K●E005QX** *(2)*	0.208/*0.458*
6 step + "0"					
		Front	Multi-fixing	**K●F006QL**	0.156/*0.344*
			By Ø 22 mm/*0.87 in.* hole	**K●F006Q**	0.140/*0.309*
7 step + "0"					
		Front	Multi-fixing	**K●G007QL**	0.176/*0.388*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B002Q**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B002Q**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

Adaptable sub-assemblies, 12 and 20 A

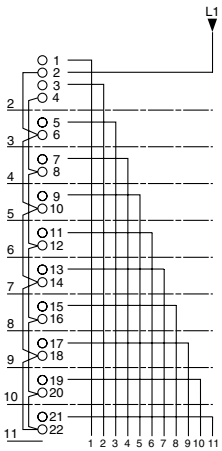
Bodies (contact blocks + fixing plate)

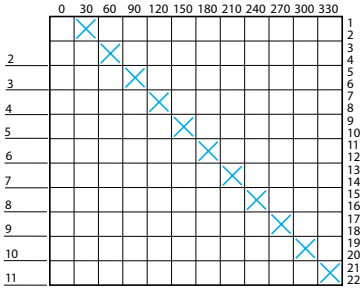
K●●0●●●L

K●●0●●●

K●●0●●●X

Stepping switches (2 to 11 step), single-pole, with "0" position (continued)





Wiring diagram and switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
8 step + "0"				
	Front	Multi-fixing	**K●H008QL**	0.181/*0.399*
9 step + "0"				
	Front	By Ø 22 mm/ *0.87 in.* hole	**K●I009Q**	0.185/*0.408*
10 step + "0"				
	Front	Multi-fixing	**K●K010QL**	0.211/*0.465*
		By Ø 22 mm/ *0.87 in.* hole	**K●K010Q**	0.195/*0.430*
			K●K010QX *(2)*	0.273/*0.602*
11 step + "0"				
	Front	Multi-fixing	**K●L011QL**	0.231/*0.509*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1H008Q**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2H008Q**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

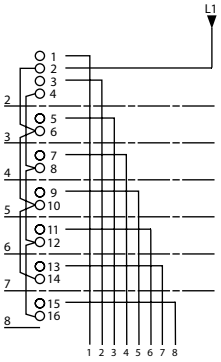
Cam switches

Adaptable sub-assemblies, 12 and 20 A

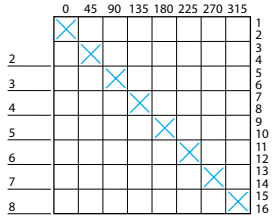
Bodies (contact blocks + fixing plate)

Stepping switches (2 to 12 step), single-pole, without "0" position

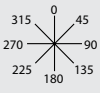
K●●0●●●L



K●●0●●●



K●●0●●●X

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
2 step					
		Front	By Ø 22 mm/*0.87 in.* hole	**K●B002NX** *(2)*	0.163/*0.359*
3 step					
		Front	Multi-fixing	**K●C003NL**	0.121/*0.267*
			By Ø 22 mm/*0.87 in.* hole	**K●C003N**	0.105/*0.231*
				K●C003NX *(2)*	0.183/*0.403*
4 step					
		Front	Multi-fixing	**K●D004NL**	0.126/*0.278*
			By Ø 22 mm/*0.87 in.* hole	**K●D004N**	0.110/*0.242*
5 step					
		Front	Multi-fixing	**K●E005N**	0.130/*0.287*
			By Ø 22 mm/*0.87 in.* hole	**K●E005NX** *(2)*	0.208/*0.458*
6 step					
		Front	Multi-fixing	**K●F006N**	0.140/*0.309*
			By Ø 22 mm/*0.87 in.* hole	**K●F006NX** *(2)*	0.218/*0.481*
7 step					
		Front	Multi-fixing	**K●G007NL**	0.176/*0.388*
			By Ø 22 mm/*0.87 in.* hole	**K●G007N**	0.160/*0.353*
				K●G007NX *(2)*	0.238/*0.525*
8 step					
		Front	Multi-fixing	**K●H008NL**	0.181/*0.399*
			By Ø 22 mm/*0.87 in.* hole	**K●H008N**	0.165/*0.364*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1B002N**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2B002N**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

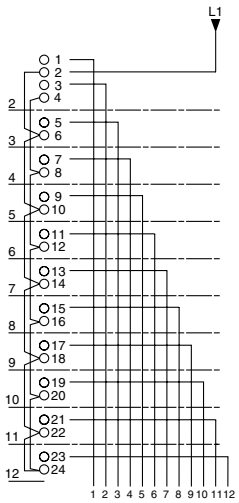
Adaptable sub-assemblies, 12 and 20 A

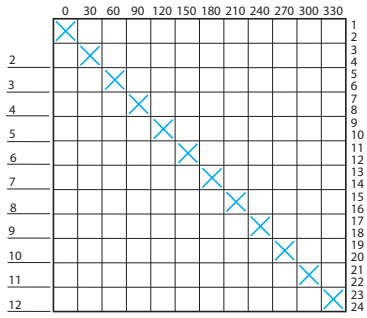
Bodies (contact blocks + fixing plate)

K●●0●●●L

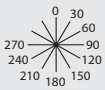
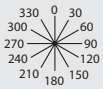
K●●0●●●

K●●0●●●X





Stepping switches (2 to 12 step), single-pole, without “0” position (continued)

Wiring diagram and switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg
10 step				
	Front	Multi-fixing	**K●K010NL**	0.211/*0.465*
		By Ø 22 mm/ *0.87 in.* hole	**K●K010N**	0.195/*0.430*
			K●K010NX *(2)*	0.273/*0.602*
12 step				
	Front	Multi-fixing	**K●M021NL**	0.241/*0.531*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1I009N**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2I009N**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

Adaptable sub-assemblies, 12 and 20 A

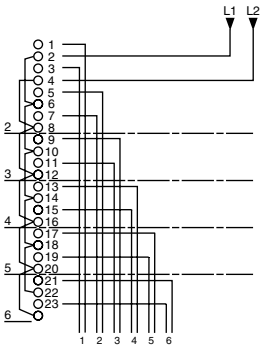
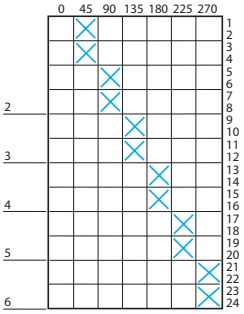
Bodies (contact blocks + fixing plate)

K●●0●●●L

K●●0●●●

K●●0●●●X

Stepping switches (2 to 6 step), 2-pole, with "0" position

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
	3 step + "0"				
		Front.	By Ø 22 mm/*0.87 in.* hole	**K●F013Q**	0.140/*0.309*
				K●F013QX *(2)*	0.218/*0.481*
	4 step + "0"				
		Front	By Ø 22 mm/*0.87 in.* hole	**K●H014Q**	0.165/*0.364*
	6 step + "0"				
		Front	Multi-fixing	**K●M016QL**	0.241/*0.531*
			By Ø 22 mm/*0.87 in.* hole	**K●M016Q**	0.225/0.496

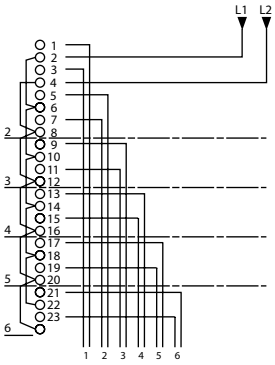
*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1D012Q**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2D012Q**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

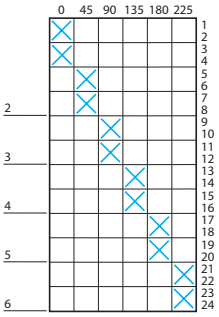
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

K●●0●●●L



K●●0●●●



K●●0●●●X

Stepping switches (2 to 6 step), 2-pole, without “0” position

Wiring diagram and switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
	3 step				
		Front	By Ø 22 mm/*0.87 in.* hole	**K●F013N**	0.140/*0.309*
	4 step				
		Front	Multi-fixing	**K●H014N**	0.165/*0.364*
			By Ø 22 mm/*0.87 in.* hole	**K●H014NX** *(2)*	0.243/*0.536*
	5 step				
		Front	By Ø 22 mm/*0.87 in.* hole	**K●K015N**	0.195/*0.430*
	6 step				
		Front	Multi-fixing	**K●M016NL**	0.241/*0.531*
			By Ø 22 mm/*0.87 in.* hole	**K●M016N**	0.225/*0.496*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1D012N**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2D012N**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

Adaptable sub-assemblies, 12 and 20 A

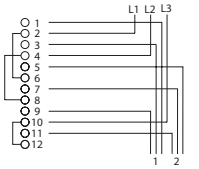
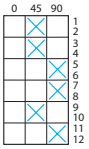
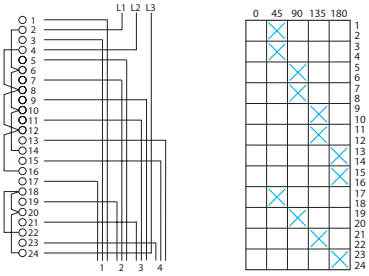
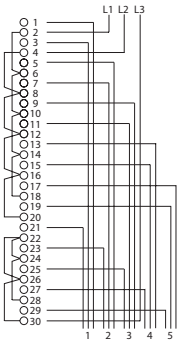
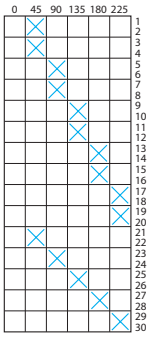
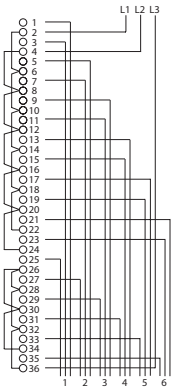
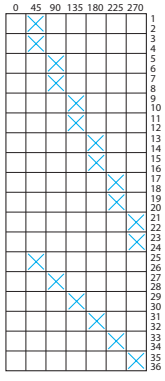
Bodies (contact blocks + fixing plate)

K●●0●●●L

K●●0●●●

K●●0●●●X

Stepping switches (2 to 6 step), 3-pole, with "0" position

Wiring diagram	Switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
		2 step + "0"			
			Front	By Ø 22 mm/ *0.87 in.* hole **K●F022Q**	0.140/*0.309*
		4 step + "0"			
			Front	Multi-fixing **K●M024QL**	0.241/*0.531*
		5 step + "0"			
			Front	Multi-fixing **K●P025QL** 0.286/*0.630* By Ø 22 mm/ *0.87 in.* hole **K●P025Q** 0.270/*0.595*	
		6 step + "0"			
			Front	By Ø 22 mm/ *0.87 in.* hole **K●S026Q**	0.305/*0.672*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1F022Q**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2F022Q**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

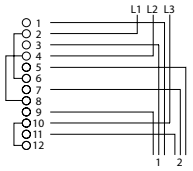
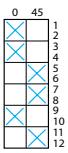
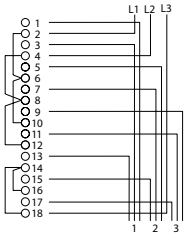
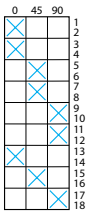
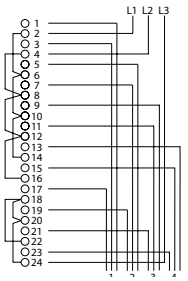
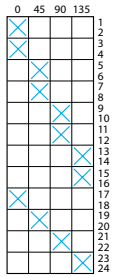
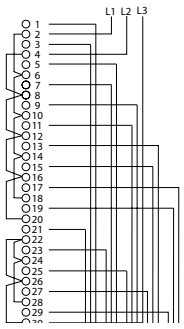
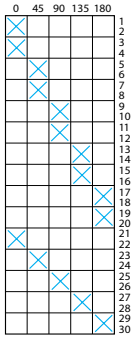
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

K●●0●●●L

K●●0●●●

Stepping switches (2 to 6 step), 3-pole, without "0" position

Wiring diagram	Switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
		2 step			
			Front By Ø 22 mm/ *0.87 in.* hole	**K●F022N**	0.140/*0.309*
		3 step			
			Front By Ø 22 mm/ *0.87 in.* hole	**K●I023N**	0.185/*0.408*
		4 step			
			Front By Ø 22 mm/ *0.87 in.* hole	**K●M024N** **K●M024NX** *(2)*	0.225/*0.496* 0.303/*0.668*
		5 step			
			Front By Ø 22 mm/ *0.87 in.* hole	**K●P025N**	0.270/*0.595*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1F022N**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2F022N**.*

*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

Cam switches

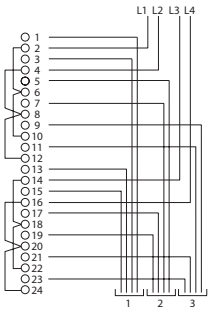
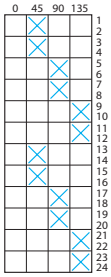
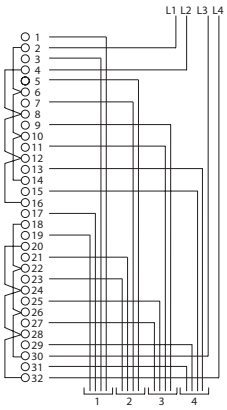
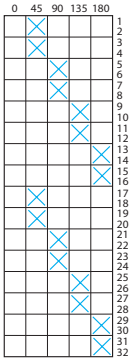
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

K●●0●●●L

K●●0●●●

Stepping switches (2 to 5 step), 4-pole, with "0" position

Wiring diagram	Switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
		**3 step + "0"** 	Front	Multi-fixing	**K●M033QL**	0.241/*0.531*
		**4 step + "0"** 	Front	By Ø 22 mm/ *0.87 in.* hole	**K●Q034Q**	0.280/*0.617*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1H032Q**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2H032Q**.*

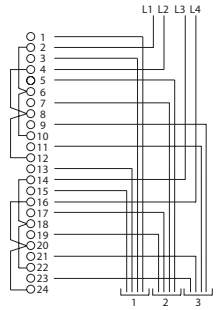
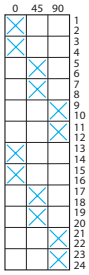
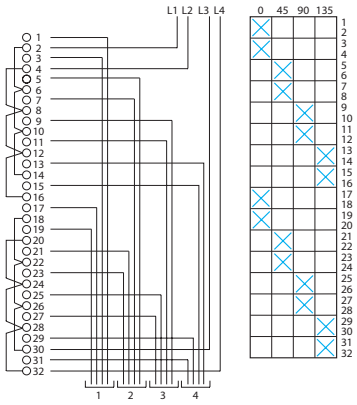
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

K●●0●●●

Stepping switches (2 to 5 step), 4-pole, without "0" position

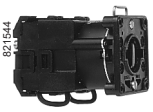
Wiring diagram	Switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
		**3 step** 	Front	By Ø 22 mm/ *0.87 in.* hole **K●M033N**	0.225/*0.496*
		**4 step** 	Front	By Ø 22 mm/ *0.87 in.* hole **K●Q034N**	0.280/*0.617*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1H032N**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2H032N**.*

Cam switches

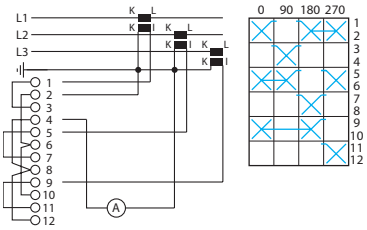
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)



K1●0●●●

Ammeter switches with "0" position

Wiring diagram	Switching programme	Switch position	Mounting method	Reference *(1)*	Weight kg/*lb*
For 3 circuits					
			Front	By Ø 22 mm/ *0.87 in.* hole **K1F003M**	0.140/*0.309*

(1) Ith = 12 A.

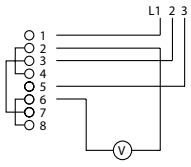
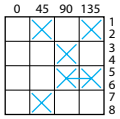
Cam switches

Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

K1●0●●●

Voltmeter switches

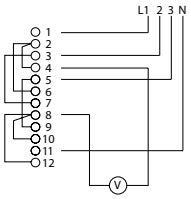
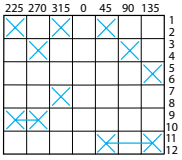
Wiring diagram	Switching programme	Switch position	Mounting method	Reference *(1)*	Weight kg/*lb*
For measurements between 3 phases					
	With "0" position				
			Front	By Ø 22 mm/ *0.87 in.* hole **K1D024M**	0.110/*0.242*

(1) Ith = 12 A.

Cam switches
Adaptable sub-assemblies, 12 and 20 A
Bodies (contact blocks + fixing plate)

K1●0●●●

Voltmeter switches (continued)

Wiring diagram	Switching programme	Switch position	Mounting method	Reference *(1)*	Weight kg/*lb*
For measurements between 3 phases and between each of the 3 phases and neutral					
	With "0" position				
			Front By Ø 22 mm/ *0.87 in.* hole	**K1F027M**	0.140/*0.309*

(1) Ith = 12 A.

Cam switches

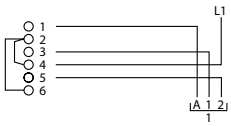
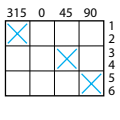
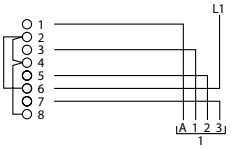
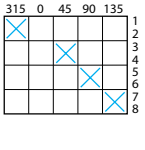
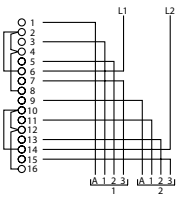
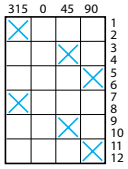
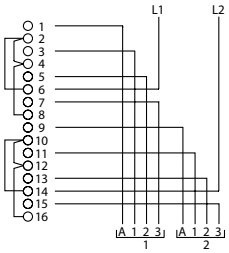
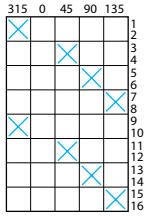
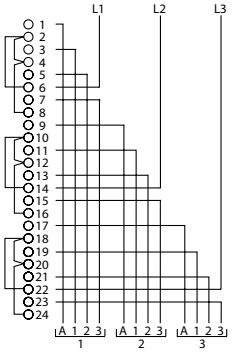
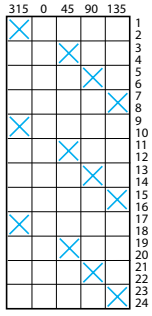
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

K●●0●●●L

K●●0●●●

Stepping switches (2 and 3 step), with "0" position + left-hand position

Wiring diagram	Switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
		1-pole: 2 step to right + 1 step to left			
			Front Multi-fixing	**K●C002L**	0.105/*0.231*
		1-pole: 3 step to right + 1 step to left			
			Front Multi-fixing	**K●D003L**	0.110/*0.242*
		2-pole: 2 step to right + 1 step to left			
			Front Multi-fixing	**K●F012LL**	0.156/*0.344*
		2-pole: 3 step to right + 1 step to left			
			Front Multi-fixing	**K●H013L**	0.165/*0.364*
		3-pole: 3 step to right + 1 step to left			
			Front Multi-fixing	**K●M023L**	0.225/*0.496*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1C022Q**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2C022Q**.*

Cam switches

Adaptable sub-assemblies, 12 and 20 A

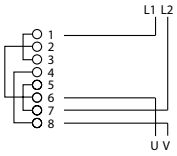
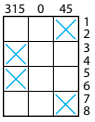
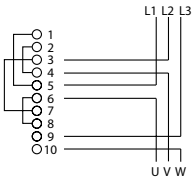
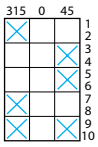
Bodies (contact blocks + fixing plate)

K●●0●●●L

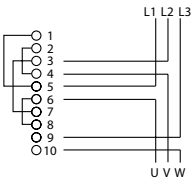
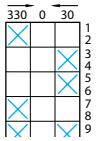
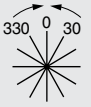
K●●0●●●

K●●0●●●X

Reversing switches with “0” position

Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
2-pole						
			Front	Multi-fixing	**K●D002WL**	0.126/*0.278*
				By Ø 22 mm/ *0.87 in.* hole	**K●D002W**	0.110/*0.242*
3-pole						
			Front	Multi-fixing	**K●E003WL**	0.146/*0.322*
				By Ø 22 mm/ *0.87 in.* hole	**K●E003W**	0.130/*0.287*
					K●E003WX *(2)*	0.208/*0.458*

Reversing switches with spring return from 330° and from 30° to “0” position

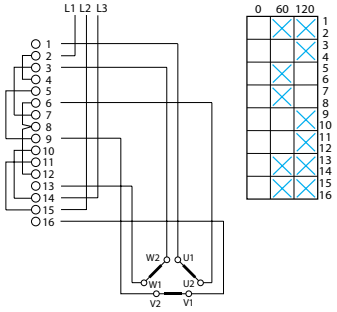
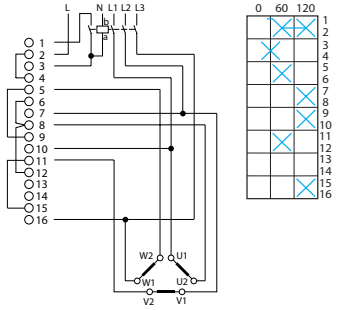
Wiring diagram	Switching programme	Switch position	Mounting method		Reference to be completed *(1)*	Weight kg/*lb*
3-pole						
			Front	Multi-fixing	**K●E023WL**	0.146/*0.322*
				By Ø 22 mm/ *0.87 in.* hole	**K●E023W**	0.130/*0.287*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1D002W**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2D002W**.*
*(2) Bodies using the Ø 22 mm/0.87 in. hole mounting method that can be fitted with chromium plated metal bezel operating heads, type **KAXZ1●●●**.*

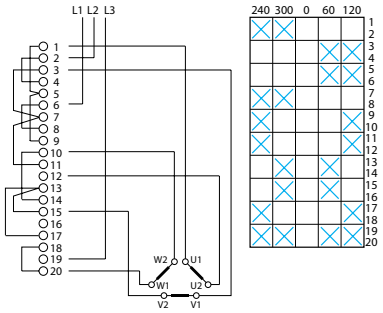
Cam switches
Adaptable sub-assemblies, 12 A
Bodies (contact blocks + fixing plate)

K2●0●●●

Star-delta switches

Wiring diagram	Switching programme	Switch position	Mounting method	Reference *(1)*	Weight kg/*lb*
			Front By Ø 22 mm/ *0.87 in.* hole	K2H001Y	0.165/*0.364*
With slave contact, without supply disconnection					
			Front By Ø 22 mm/ *0.87 in.* hole	K2G003Y	0.160/*0.353*

Reversing star-delta switches

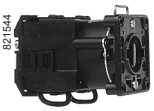
Wiring diagram	Switching programme	Switch position	Mounting method	Reference *(1)*	Weight kg/*lb*
Without slave contact					
			Front By Ø 22 mm/ *0.87 in.* hole	K2K006Y	0.195/*0.430*

(1) Ith = 20 A.

Cam switches

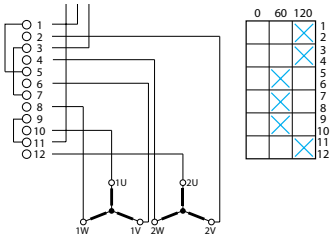
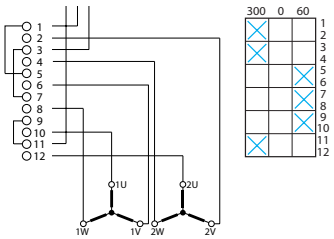
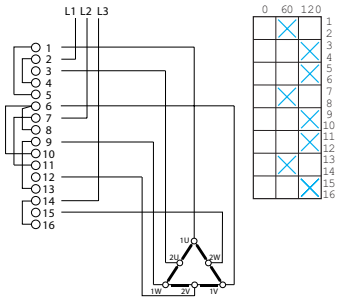
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)



K●●0●●●

Pole change switches for 2-speed motors

Wiring diagram	Switching programme	Switch position	Mounting method	Reference to be completed *(1)*	Weight kg/*lb*
For motors with 2 separate windings					
			Front By Ø 22 mm/ *0.87 in.* hole	**K●F001P**	0.140/*0.309*
For motors with 2 separate windings, with centre "0" position					
			Front By Ø 22 mm/ *0.87 in.* hole	**K●F002P**	0.140/*0.309*
For motors with tapped "Dahlander" windings					
			Front By Ø 22 mm/ *0.87 in.* hole	**K●H004P**	0.165/*0.364*

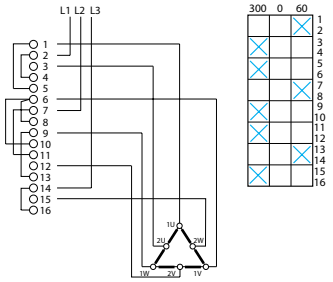
*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1F001P**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2F001P**.*

Cam switches

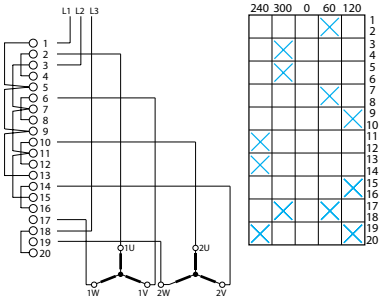
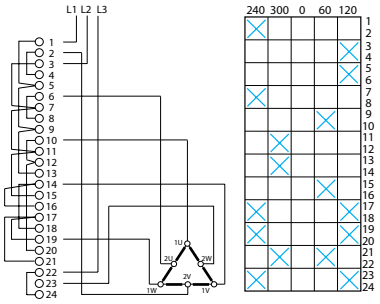
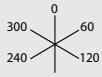
Adaptable sub-assemblies, 12 and 20 A

Bodies (contact blocks + fixing plate)

Pole change switches for 2-speed motors (continued)

Wiring diagram	Switching programme	Switch position	Mounting method	Reference to be completed (1)	Weight kg/*lb*
For motors with tapped "Dahlander" windings, with centre "0" position					
 *K●●0●●●L*			Front — Multi-fixing	**K●H005PL**	0.181/*0.399*
			By Ø 22 mm/ *0.87 in.* hole	**K●H005P**	0.165/*0.364*

Reversing pole change switches for 2-speed motors

Wiring diagram	Switching programme	Switch position	Mounting method	Reference to be completed (1)	Weight kg/*lb*
For motors with 2 separate windings, with centre "0" position					
 *K●●0●●●*			Front — By Ø 22 mm/ *0.87 in.* hole	**K●K008P**	0.195/*0.430*
For motors with tapped "Dahlander" windings, with centre "0" position					
			Front — Multi-fixing	**K●M009PL**	0.241/*0.531*
			By Ø 22 mm/ *0.87 in.* hole	**K●M009P**	0.225/*0.496*

*(1) To order a cam switch with thermal current Ith = 12 A, replace the ● in the reference by **1**.*
*Example **K1H005P**.*
*To order a cam switch with thermal current Ith = 20 A, replace the ● in the reference by **2**.*
*Example **K2H005P**.*

Cam switches
Adaptable sub-assemblies, 12 and 20 A
Operating heads

510075

KBG3H

510076

KCG3Y

510077

KAC1H

501218

KCC1Y

821202

KBC1●

821201

KBD1H

Heads for "multi-fixing" front mounting bodies

Description	Switching angle and marking	Type of operator	Background colour of legend	Padlocking device	Reference	Weight kg/*lb*
With 45 x 45 mm/*1.77 x 1.77 in.* front plate and handle						
With blank legend (for engraving by user)	–	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	KAG3H	0.012/*0.026*
			Metallic	Without	KBG3H	0.012/*0.026*
With marked legend	90° 	Red handle L = 35 mm/*1.38 in.*	Yellow	Without	KCG3H	0.012/*0.026*
				With	KCG3Y	0.024/*0.053*
Without legend *(1)*	–	Black handle L = 35 mm/*1.38 in.*	–	Without	KDG3H	0.010/*0.022*
		Red handle L = 35 mm/*1.38 in.*	–	With	KDG3Y	0.022/*0.048*

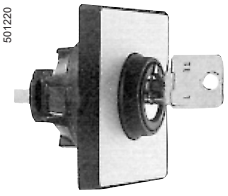
Heads for Ø 22 mm/*0.87 in.* hole, front mounting bodies

Description	Switching angle and marking	Type of operator	Background colour of legend	Padlocking device	Reference	Weight kg/*lb*
With 45 x 45 mm/*1.77 x 1.77 in.* front plate and handle						
With blank legend (for engraving by user)	–	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	KAC1H	0.048/*0.106*
			Metallic	Without	KBC1H	0.048/*0.106*
With marked legend	45° 	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	KAC1H41	0.012/*0.026*
	45° 	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	KAC1H48	0.012/*0.026*
			Metallic	Without	KBC1H48	0.012/*0.026*
	60° 	Black handle L = 35 mm/*1.38 in.*	Metallic	Without	KBC1H61	0.048/*0.106*
	90° 	Red handle L = 35 mm/*1.38 in.*	Yellow	Without	KCC1LH	0.048/*0.106*
				With	KCC1Y	0.060/*0.132*
Without legend *(1)*	–	Black handle L = 35 mm/*1.38 in.*	–	Without	KDC1H	0.046/*0.101*
With 45 x 45 mm/*1.77 x 1.77 in.* front plate and key operator *(2)*						
With blank legend (for engraving by user)	45° and 90°	Key *(2)*	Matt black	Without	KAC1S	0.063/*0.139*
			Metallic	Without	KBC1S	0.063/*0.139*
	60°	Key *(2)*	Metallic	Without	KBC1Z	0.063/*0.139*
Without legend *(1)*	45° and 90°	Key *(2)*	–	Without	KDC1S	0.061/*0.134*
	60°	Key *(2)*	–	Without	KDC1Z	0.061/*0.134*
With 60 x 60 mm/*2.36 x 2.36 in.* front plate and handle						
With blank legend (for engraving by user)	–	Black handle L = 42 mm/*1.65 in.*	Matt black	Without	KAD1H	0.053/*0.117*
			Metallic	Without	KBD1H	0.053/*0.117*
With marked legend	90° 	Red handle L = 42 mm/*1.65 in*	Yellow	Without	KCD1MH	0.053/*0.117*
Without legend *(1)*	–	Black handle L = 42 mm/*1.65 in*	–	Without	KDD1H	0.053/*0.117*

(1) For separate marked legend ordering information, see pages 63 to 66.
*(2) Head supplied with 8R1 key. To order a head with a 455 key, add the su ix **R** to the references listed above. Example: reference for Ø 22 mm/0.87 in. hole, front mounting 45 x 45 mm/1.77 x 1.77 in. operating head with 45° switching angle and matt black legend, becomes **KAC1SR**. For a head with 8R15 key, use the su ix **R1**.*

Cam switches
Adaptable sub-assemblies, 12 and 20 A
Operating heads

501220



KBD1●

821205

KBA1H

501219

KBA1●

821206

KAXZ1C12

821204

KBE1H

Heads for Ø 22 mm/*0.87 in.* hole, front mounting bodies (continued)

Description	Switching angle and marking	Type of operator	Background colour of legend	Padlocking device	Reference	Weight kg/*lb*
With 60 x 60 mm/*2.36 x 2.36 in.* front plate and key operator *(1)*						
With blank legend (to be engraved by user)	45° and 90°	Key *(1)*	Matt black	Without	KAD1S	0.068/*0.150*
			Metallic	Without	KBD1S	0.068/*0.150*
	60°	Key *(1)*	Metallic	Without	KBD1Z	0.068/*0.150*
Without legend *(2)*	45° and 90°	Key *(1)*	–	Without	KDD1S	0.066/*0.145*

Description	Switching angle and marking	Type of operator	Colour of bezel	Padlocking device	Reference	Weight kg/*lb*
With Ø 29 mm/*1.14 in.*, metallic finish, plastic bezel and handle or key operator *(1)*						
Circular heads	–	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	KAA1H	0.042/*0.093*
			Metallic	Without	KBA1H	0.042/*0.093*
	45°	Key *(1)*	Matt black	Without	KAA1S	0.057/*0.126*
			Metallic	Without	KBA1S	0.057/*0.126*
	60°	Key *(1)*	Matt black	Without	KAA1Z	0.057/*0.126*
With Ø 38 mm /*1.50 in.*, black, plastic bezel and handle						
Circular head	–	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	KAA2H	0.048/*0.106*
With Ø 28.5 mm/*1.12 in.*, chromium plated, metal bezel *(3)* *(2)* **and standard, handle, long handle or key operator** *(4)*						
Circular heads	–	Standard black handle	Metal	Without	KAXZ1M12	0.040/*0.088*
		Long black handle	Metal	Without	KAXZ1C12	0.040/*0.088*
		Long red handle	Metal	Without	KAXZ1C14	0.040/*0.088*
	30°	Key	Metal	Without	KAXZ1S13● *(4)*	0.065/*0.143*
	45°	Key	Metal	Without	KAXZ1S14● *(4)*	0.065/*0.143*
	60°	Key	Metal	Without	KAXZ1S16● *(4)*	0.065/*0.143*
	90°	Key	Metal	Without	KAXZ1S19● *(4)*	0.065/*0.143*

Operating heads for 4 hole, rear mounting bodies

Description	Switching angle and marking	Type of operator	Background colour of legend	Padlocking device	Reference	Weight kg/*lb*
With 45 x 45 mm/*1.77 x 1.77 in.* front plate and handle						
With blank legend (to be engraved by user)	–	Black handle L = 35 mm/*1.38 in.*	Matt black	Without	KAE1H	0.029/*0.064*
			Metallic	Without	KBE1H	0.029/*0.064*
With marked legend	90° 	Red handle L = 35 mm/*1.38 in.*	Yellow	Without	KCE1LH	0.029/*0.064*
Without legend *(2)*	–	Black handle L = 35 mm/*1.38 in.*	–	Without	KDE1H	0.027/*0.059*
With 60 x 60 mm/*2.36 x 2.36 in.* front plate and handle						
With blank legend (to be engraved by user)	–	Black handle L = 42 mm/*1.65 in*	Metallic	Without	KBF1H	0.068/*0.150*
Without legend *(2)*	–	Black handle L = 42 mm/*1.65 in*		Without	KDF1H	0.066/*0.145*

*(1) Head supplied with 8R1 key. To order a head with a 455 key, add the su ix **R** to the references listed above. Example: reference for operating head with 60 x 60 mm/2.36 x 2.36 in. front plate, key operator, blank legend, 45° switching angle and matt black background, becomes **KAD1SR**. For a head with 8R15 key, use the su ix **R1**.*

(2) For separate marked legend ordering information, see pages 63 to 66.

*(3) Heads **only** for use with bodies K●●●●●●X, incorporating adaptor plate **KZ127**. See pages 32 to 60.*

(4) To order:
- *a head with key n° 455, replace the ● in the reference by **1**. Example: **KAXZ1S131**,*
- *a head with key n° 421, replace the ● in the reference by **2**. Example: **KAXZ1S132**,*
- *a head with key n° 520, replace the ● in the reference by **3**. Example: **KAXZ1S133**,*
- *a head with a special key, replace the ● in the reference by **9**. Example: **KAXZ1S139** (state the key number on the order). Key withdrawal from all positions.*

Cam switches
Adaptable sub-assemblies, 12 and 20 A
Legends for **MULTI-FIXING** heads

45 x 45 mm/*1.77 x 1.77 in.* legends - marked *(1)*

White text on black background

30°

KZ18033L

45°

KZ18041L

KZ18044L

KZ18045L

KZ18047L

KZ18048L

KZ18416L

KZ18419L

KZ18421L

KZ18434L

KZ18451L

60°

KZ18630L

KZ18634L

KZ18635L

90°

KZ18093L

Black text on yellow background

45°

KZ19041L

45 x 45 mm/*1.77 x 1.77 in.* legends - unmarked

Colour	Sold in lots of	Unit reference	Weight kg/*lb*
Black	20	KZ17L	0.003/*0.007*
Metallic	20	KZ18L	0.003/*0.007*

(1) Weight = 0.003 kg/0.007 lb.

Cam switches

Adaptable sub-assemblies, 12 and 20 A

Legends for **Ø 22 mm HOLE** mounting heads with plastic bezel

45 x 45 mm/*1.77 x 1.77 in.* legends - marked *(1)*

Black text on metallic background

30°

KZ18032

KZ18312

45°

KZ18041

KZ18043

KZ18044

KZ18045

KZ18046

KZ18048

KZ18416

KZ18417

KZ18418

KZ18420

KZ18421

KZ18434

KZ18451

60°

KZ18061

KZ18630

KZ18631

KZ18632

KZ18634

KZ18635

90°

KZ18093

KZ18913

Black text on yellow background

45°

KZ19041

45 x 45 mm/*1.77 x 1.77 in.*. legends - unmarked

Colour	Sold in lots of	Unit reference	Weight kg/*lb*
Black	**20**	**KZ17**	0.003/*0.007*
Metallic	**20**	**KZ18**	0.003/*0.007*

(1) Weight = 0.003 kg/0.007 lb.

Cam switches

Adaptable sub-assemblies, 12 and 20 A

Legends for **Ø 22 mm HOLE** mounting heads with chromium plated metal bezel, type KAXZ1●●●

46 x 46 mm - marked (PVC) *(1)*

White text on black background

30°

XBCY2250

XBCY7238

XBCY7239

45°

XBCY7220

XBCY7223

XBCY7231

60°

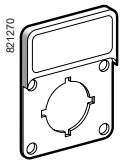
XBCY7243

46 x 46 mm legends - unmarked (PVC)

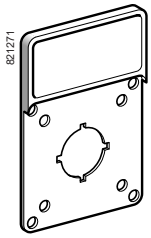
Colour	Sold in lots of	Unit reference	Weight kg/*lb*
Black/red	10	KZ17X	0.004/*0.009*
White/yellow	10	KZ19X	0.004/*0.009*

(1) Weight = 0.004 kg/0.009 lb.

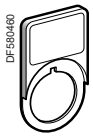
Cam switches
Adaptable sub-assemblies, 12 and 20 A
Legend holders for heads



KZ13

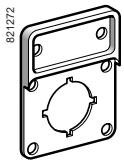


KZ15

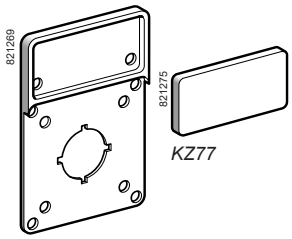


KZ01R

KZ2



KZ14



KZ77

KZ16

Legend holders with and without legend

Description	For use with heads	Legend marking	Sold in lots of	Unit reference	Weight kg/*lb*
With blank legend	With 45 x 45 mm/*1.77 x 1.77 in.* front plate *(1)*	–	5	KZ13	0.004/*0.009*
	With 60 x 60 mm/*2.36 x 2.36 in.* front plate *(1)*	–	5	KZ15	0.010/*0.022*
	Circular, with Ø 29 mm/*1.14 in.* collar	–	5	KZ01R	0.010/*0.022*
With marked legend	Circular, with Ø 29 mm/*1.14 in.* collar	2 0 1	5	KZ2	0.003/*0.007*
Without legend	With 45 x 45 mm/*1.77 x 1.77 in.* front plate *(1)*	–	20	KZ14	0.003/*0.007*
	With 60 x 60 mm/*2.36 x 2.36 in.* front plate *(1)*	–	10	KZ16	0.007/*0.015*

Blank legends (for engraving) for legend holders

Description	For use with heads	Sold in lots of	Unit reference	Weight kg/*lb*
Legend for legend holder **KZ16** Plastic with metallic finish. Self-adhesive. For engraved markings.	With 60 x 60 mm/*2.36 x 2.36 in.* front plate *(1)*	10	KZ77	0.003/*0.007*

(1) Operating heads for single Ø 22 mm/0.87 in. hole or 4 hole mounting.

Cam switches
Complete switches, 12 and 20 A
Separate components and accessories

KZ41H

Handles

Description	Colour	Dimensions mm/*in.*	Sold in lots of	Unit reference	Weight kg/*lb*
New shape	Red	35/*1.38*	5	KZ41H	0.007/*0.015*

Accessories

Description	For use with	Dimensions mm/*in.*	Sold in lots of	Unit reference	Weight kg/*lb*
Door interlocking plate	Rear mounting switches	45 x 45/ *1.77 x 1.77*	5	KZ32	0.010/*0.022*
Plate with rubber seal	Rear mounting switches. IP 65 between front plate and operating head	60 x 60/ *2.36 x 2.36*	5	KZ83	0.018/*0.040*
Adaptor plate, metal (replacement)	Mounting KAXZ1●●● chromium plated metal bezel heads on front mounting bodies for Ø 22 mm/*0.87 in.* hole	–	1	KZ127	0.088/*0.194*
Plastic plate (replacement)	Ø 22 mm/*0.87 in.* hole, front mounting, clip-in bodies	–	1	KZ140	0.010/*0.022*

KZ32

KZ83

KZ127

KZ140

Cam switches
Complete switches, 12 and 20 A
Separate components and accessories

KZ73

Z01

KZ93

ZBG455

KZ31

KZ91H

Accessories (continued)

Description	For use with	Sold in lots of	Unit reference	Weight kg/*lb*
Rubber seals for IP 65 degree of protection	Ø 22 mm/*0.87 in.* or 4 hole, front mounting, operating heads with 45 x 45 mm/*1.77 x 1.77 in.* front plate	5	KZ65	0.003/*0.007*
	Ø 22 mm/*0.87 in.* or 4 hole, front mounting, operating heads with 60 x 60 mm/*2.36 x 2.36 in.* front plate	5	KZ66	0.004/*0.009*
	Multi-fixing operating heads with 45 x 45 mm/*1.77 x 1.77 in.* front plate	5	KZ73	0.004/*0.009*
Nut wrench	M22 fixing nuts	5	Z01	0.010/*0.022*
Mounting adaptor	Converting Ø 30.5 mm/*1.20 in.* fixing hole to Ø 22.5 mm/*0.88 in.*	50	KZ93	0.003/*0.007*
	Key 455	2	ZBG455	0.010/*0.022*
	Specific key	2	ZBGK *(1)*	0.014/*0.031*
Quick assembly device	Mounting on 35 mm/*1.38 in.* rails to DIN 46277. 2 fixing screws included for rear mounting	5	KZ31	0.030/*0.066*
Cam switch installation kit Comprising: - mounting plate, - 45 x 45 mm/*1.77 x 1.77 in.* front plate, without legend - black handle, length 35 mm/*1.38 in.* (KZ27H), - 2 fixing screws	Installation of a cam switch on a distribution panel	1	KZ91H	0.010/*0.022*

(1) Key number to be added when ordering.

Cam switches

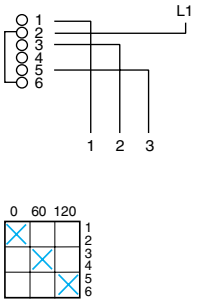
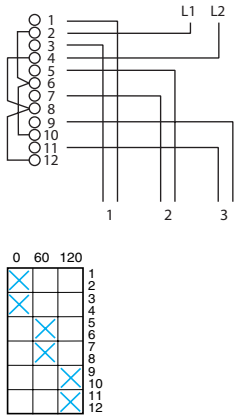
Complete switches, 12 A with key operated lock

Front mounting by 6 screws Ø 5.2 mm
with 55 x 100 mm front plate

562791

K1C003NZ2

Stepping switches (3 step), without “0” position

Wiring diagram and switching programme	Marking and switch position	Colour of handle	Reference	Weight kg/lb
1-pole				
		Red	K1C003NZ2	0.170/*0.374*
2-pole				
		Black	K1F013NZ4	0.170/*0.374*

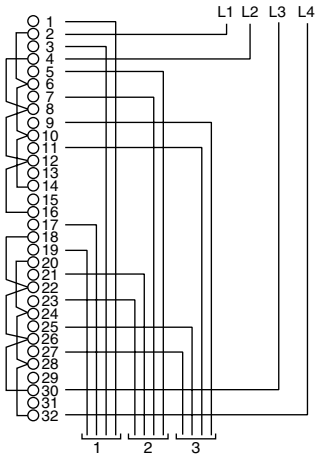
Cam switches

Complete switches, 12 A with key operated lock

Front mounting by 6 screws Ø 5.2 mm
with 55 x 100 mm front plate

K1Q034NZ4

Stepping switches (4 step), 4-pole, without “0” position

Wiring diagram and switching programme	Marking and switch position	Colour of handle	Reference	Weight kg/lb
4 step *(1)*				
		Red	K1Q034NZ2	0.170/*0.374*
		Black	K1Q034NZ4	0.170/*0.374*

(1) Switching programme identical for 4 step and 4 step with intermediate steps at 30°.

Cam switches

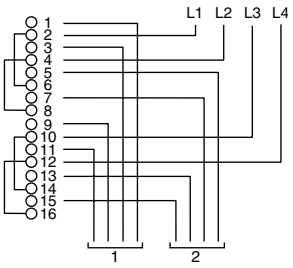
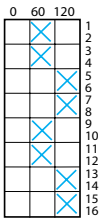
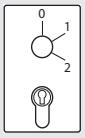
Complete switches, 12 A with key operated lock

Front mounting by 6 screws Ø 5.2 mm
with 55 x 100 mm front plate

562791

K1H032QZ4

Stepping switches (2 step), with “0” position

Wiring diagram and switching programme	Marking and switch position	Colour of handle	Reference	Weight kg/lb
4-pole				
 	 	Black	K1H032QZ4	0.170/*0.374*

Cam switches

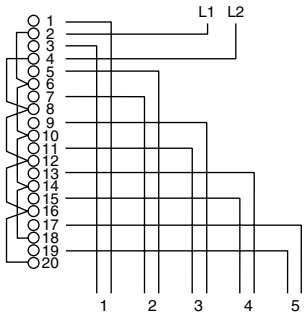
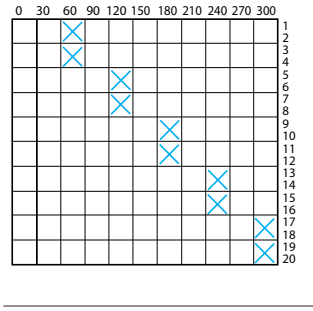
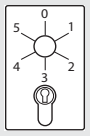
Complete switches, 12 A with key operated lock

Front mounting by 6 screws Ø 5.2 mm
with 55 x 100 mm front plate

562791

K1K015NZ4

Stepping switches (5 step), 2-pole, with “0” position

Wiring diagram and switching programme	Marking and switch position	Colour of handle	Reference	Weight kg/lb
5 step				
 	 	Black	**K1K015NZ4**	0.170/*0.374*

Cam switches

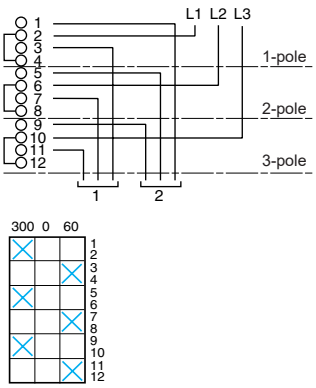
Complete switches, 12 A with key operated lock

Front mounting by 6 screws Ø 5.2 mm
with 55 x 100 mm front plate

562791

K1B001UZ2

Changeover switches with “0” position

Wiring diagram and switching programme	Marking and switch position	Colour of handle	Reference	Weight kg/lb
1-pole				
		Black	K1B001UZ4	0.170/*0.374*
3-pole				
		Black	K1F003UZ4	0.170/*0.374*

Cam switches
Switches mounted in plastic enclosure, 10

DF522036

KD●●●●●G

OFF-ON switches in enclosure

Specifications

- PVC enclosure.
- 60 x 60 mm/*2.36 x 2.36 in.* operating head, black handle (without padlocking device) on metallic background. Marking: O I.
- Legend holder with metallic finish blank legend.
- Protection degree (conforming to standard EN/IEC 60529): IP 65.

Composition *(1)* Poles	N	N/O	N/C	Dimensions w x h x d *(2)*	Thermal current (Ithe) *(3)*	Reference	Weight
				mm/*in.*	**A**		**kg/*lb***
3	–	–	–	74 x 135 x 106/ *2.91 x 5.31 x 4.17*	10	KD1C051G	0.390/*0.860*

(1) Poles : main contacts
- *N/O contact : late make (unballasting contact)*
- *N/C contact : signaling contact*
- *Neutral conductor (N) : early make, late break.*

(2) Total depth, including operating head.
(3) Permissible power, AC-23 at 400 V :
- *K1 switches : 2.2 kW,*
- *K2 switches : 5.5 kW.*

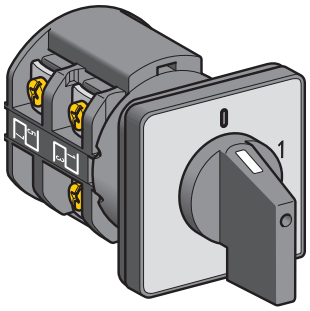
Cam switches
Complete switches, 32 to 150 A

The range of K30 to K150 cam switches (32 to 150 A ratings) comprises only complete switches.
These products are more specifically designed for direct control of simple machines.

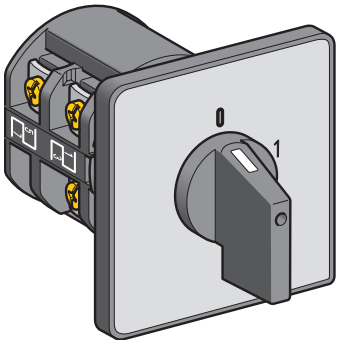
Complete switches

- switches
- stepping switches
- changeover switches
- voltmeter switches
- ammeter switches
- starting switches

Front mounting



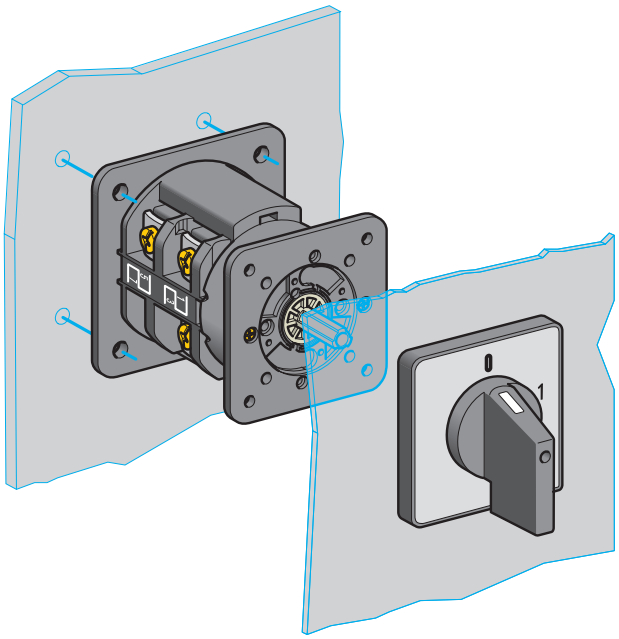
By 4 holes
with 64 x 64 mm/*2.52 x 2.52 in.* front plate
32 to 63 A ratings
K30, K50 and K63



By 4 holes
with 88 x 88 mm/*3.46 x 3.46 in.* front plate
115 to 150 A ratings
K115 and K150

"Multi-fixing" mounting

Rear mounting



By 4 holes on 48 mm/*1.89 in.* centres
32 to 63 A ratings
K30, K50 and K63

By 4 holes on 68 mm/*2.68 in.* centres
115 to 150 A ratings
K115 and K150

Cam switches

Complete switches, 32 to 150 A

With 64 x 64 mm front plate (32 to 63 A ratings)
and 88 x 88 mm front plate (115 and 150 A ratings)

103521

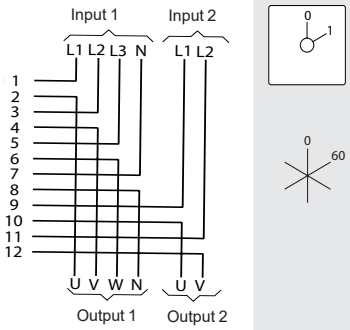
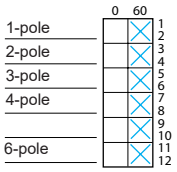
K30C003AP

103522

K50C003AP

Switches with 60° switching angle

Front mounting

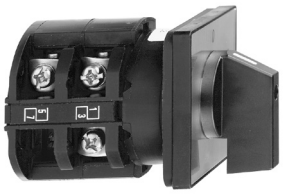
Wiring diagram and switching programme	Marking and switch position	Number of poles	Thermal current (Ith) A	Reference	Weight kg/*lb*
 		1	32	K30A001AP	0.130/*0.287*
		2	32	K30B002AP	0.170/*0.375*
			50	K50B002AP	0.215/*0.474*
		3	32	K30C003AP	0.224/*0.494*
			50	K50C003AP	0.275/*0.606*
			63	K63C003AP	0.345/*0.761*
			115	K115C003AP	0.680/*1.499*
		4	32	K30D004AP	0.250/*0.551*
			63	K63D004AP	0.390/*0.860*

Cam switches

Complete switches, 32 to 150 A

With 64 x 64 mm front plate (32 to 63 A ratings)
and 88 x 88 mm front plate (115 and 150 A ratings)

501179



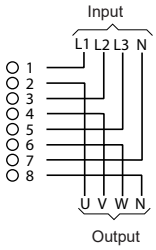
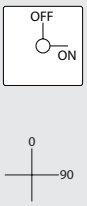
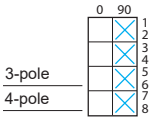
K63C003HP

501178

K150D004HP

Switches with 90° switching angle

Front mounting

Wiring diagram and switching programme	Marking and switch position	Number of poles	Thermal current (Ith) A	Reference	Weight kg/*lb*
		3	32	K30C003HP	0.224/*0.494*
			50	K50C003HP	0.275/*0.606*
			63	K63C003HP	0.345/*0.761*
		4	32	K30D004HP	0.250/*0.551*
			50	K50D004HP	0.305/*0.672*
			63	K63D004HP	0.390/*0.860*
			115	K115D004HP	0.745/*1.642*
			150	K150D004HP	0.880/*1.940*

Cam switches

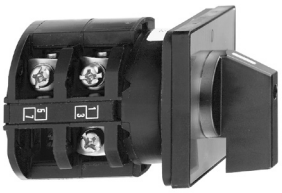
Complete switches, 32 to 150 A

With 64 x 64 mm front plate (32 to 63 A ratings)
and 88 x 88 mm front plate (115 and 150 A ratings)

103522

K30B001UP

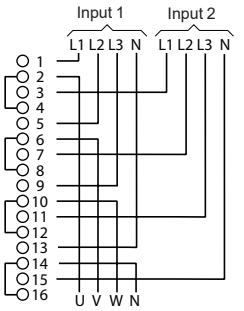
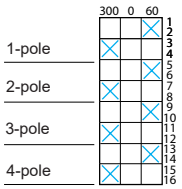
501179



K63F013UP

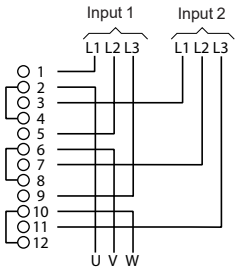
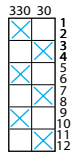
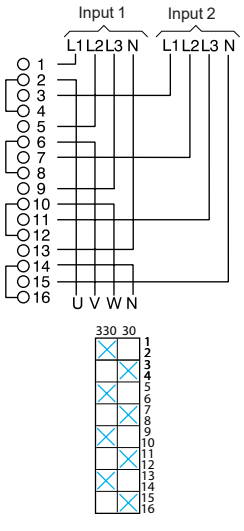
Changeover switches with “0” position

Front mounting

Wiring diagram and switching programme	Marking and switch position	Number of poles	Thermal current (Ith) A	Reference	Weight kg/*lb*
		1	32	K30B001UP	0.170/*0.375*
			150	K150B001UP	0.790/*1.742*
		2	32	K30D002UP	0.250/*0.551*
			50	K50D002UP	0.305/*0.672*
		3	32	K30F003UP	0.425/*0.937*
			50	K50F003UP	0.530/*1.168*
			63	K63F003UP	0.590/*1.301*
			115	K115F003UP	0.645/*1.422*
			150	K150F003UP	0.760/*1.675*
		4	32	K30H004UP	0.485/*1.069*
			50	K50H004UP	0.610/*1.345*
			63	K63H004UP	0.680/*1.499*
			115	K115H004UP	0.750/*1.653*
			150	K150H004UP	0.880/*1.940*

Changeover switches without “0” position

Front mounting

		3	32	K30F013UP	0.425/*0.937*
			50	K50F013UP	0.530/*1.168*
			63	K63F013UP	0.590/*1.301*
			115	K115F013UP	0.645/*1.422*
			150	K150F013UP	0.760/*1.675*
		4	32	K30H014UP	0.485/*1.069*
			50	K50H014UP	0.610/*1.345*
			63	K63H014UP	0.680/*1.499*
			150	K150H014UP	0.880/*1.940*

Cam switches

Complete switches, 32 to 150 A

With 64 x 64 mm front plate (32 to 63 A ratings)
and 88 x 88 mm front plate (115 and 150 A ratings)

103522

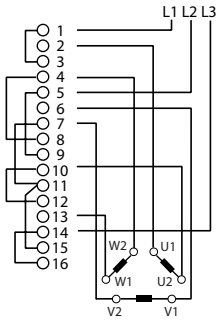
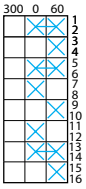
K50H001YP

501177

K115K006YP

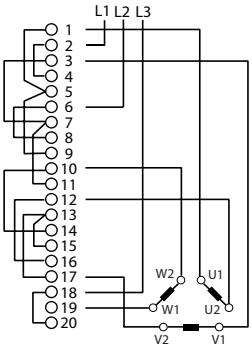
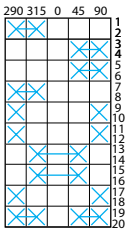
Star-delta switches

Front mounting

Wiring diagram and switching programme	Marking and switch position	Number of poles	Thermal current (Ith) A	Reference	Weight kg/*lb*
	 	3	32	K30H001YP	0.485/*1.069*
			50	K50H001YP	0.610/*1.345*
			63	K63H001YP	0.680/*1.499*

Reversing star-delta switches

Front mounting

			50	K50K006YP	0.690/*1.521*
	 				
			115	K115K006YP	0.880/*1.940*
					

Cam switches

Complete switches, 32 to 150 A

With 64 x 64 mm front plate (32 to 63 A ratings)
and 88 x 88 mm front plate (115 and 150 A ratings)
Accessories

501179

K63H004PP

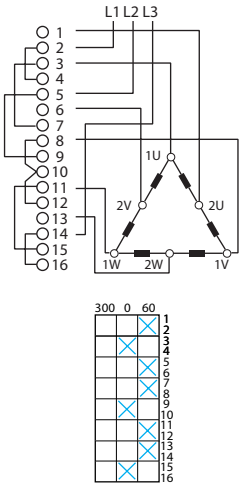
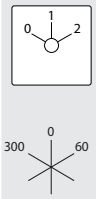
501178

K150D002WP

Pole change switches for 2-speed motors

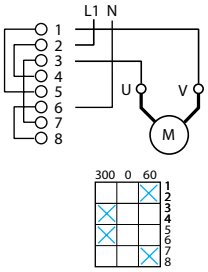
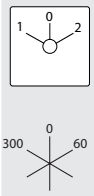
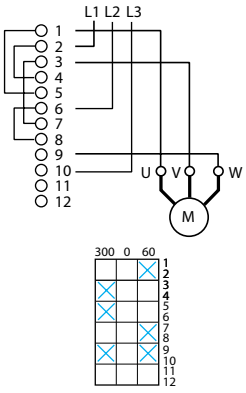
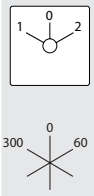
(for motors with tapped "Dahlander" windings)

Front mounting

Wiring diagram and switching programme	Marking and switch position	Number of poles	Thermal current (Ith) A	Reference	Weight kg/*lb*
		3	32	K30H004PP	0.485/*1.069*
			50	K50H004PP	0.610/*1.345*
			63	K63H004PP	0.680/*1.499*

Reversing switches with "0" position

Front mounting

		2	50	K50D002WP	0.305/*0.672*
			150	K150D002WP	0.880/*1.940*
		3	32	K30E003WP	0.385/*0.849*
			50	K50E003WP	0.485/*1.069*
			63	K63E003WP	0.540/*1.190*

Product reference index

Product reference index

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DIA5ED2130604EN
January 2023 - V2.0