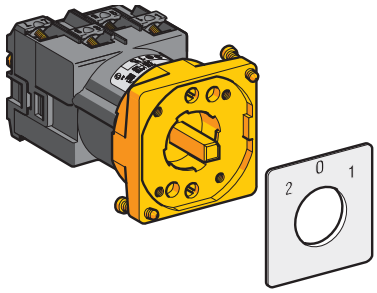
Cam switches
Complete switches and adaptable sub-assemblies, 12 and 20 A

Switches for user assembly (continued)

Front mounting (continued)

Body sub-assembly



With Ø 22 mm hole and metal mounting plate
K1● ●●●●K, K2● ●●●●X
See pages 3/34 to 3/65

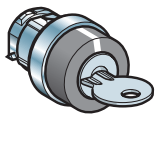
Head sub-assembly
■ **Circular with metal bezel**



Standard handle
KAX Z1M1●
See page 3/67



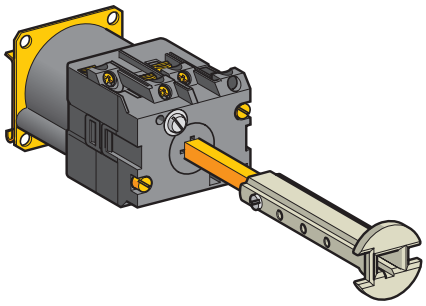
Long handle
KAX Z1C1●
See page 3/67



Key operator
KAX Z1S1●●
See page 3/67

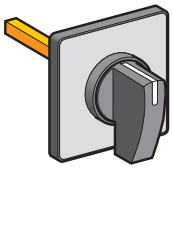
Rear mounting

Body sub-assembly

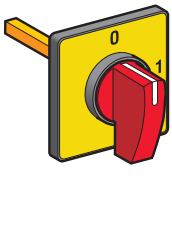


With 4 holes
K1● ●●●●, K2● ●●●●
See pages 3/34 to 3/65

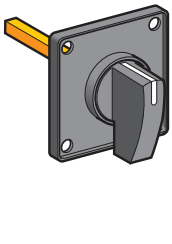
Head sub-assembly
■ **With 45 x 45 mm front plate and 35 mm handle**



With blank legend
K●E 1H
See page 3/67

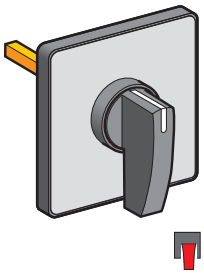


With marked legend *(1)*
KCE 1●
See page 3/67

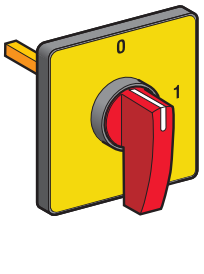


Without legend
KDE 1●
See page 3/67

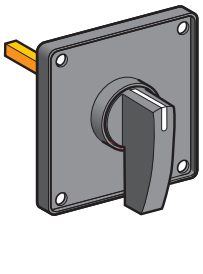
Head sub-assembly
■ **With 60 x 60 mm front plate and 42 mm handle**



With blank legend
K●F 1H
See page 3/67



With marked legend
KCF 1MH
See page 3/67



Without legend
KDF 1H
See page 3/67

(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 3/68 to 3/73.

Switches with specific schemes

If you cannot find a standard switching programme listed in this catalogue to suit your application, please consult your Regional Sales Office.

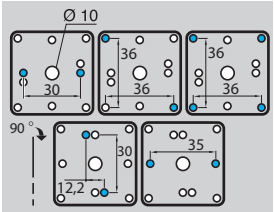
Cam switches
Complete switches and adaptable sub-assemblies, 12 and 20 A

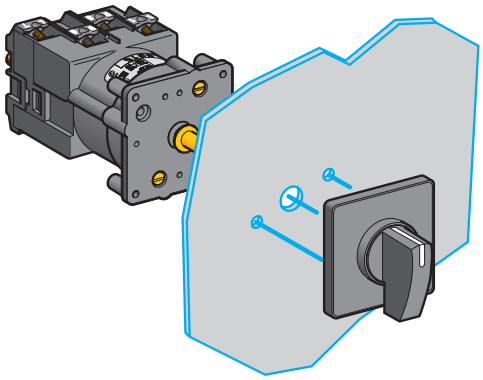
The cam switches are available to suit various mounting and fixing methods.

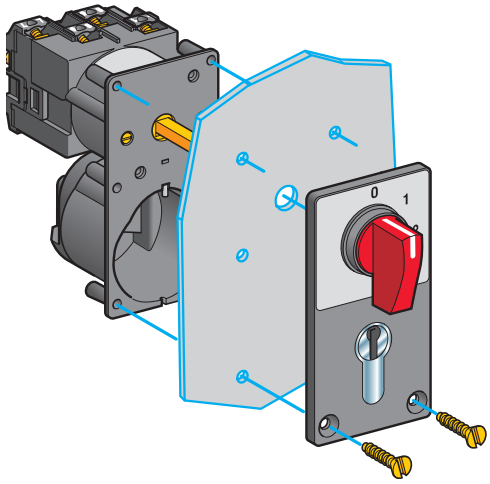
Fixing

Front mounting

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



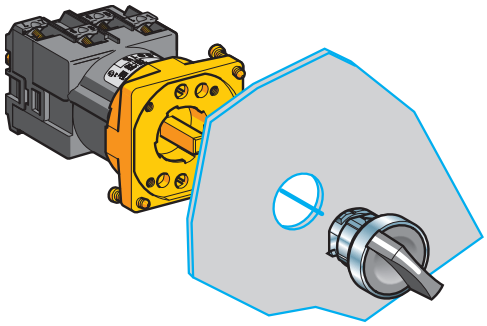


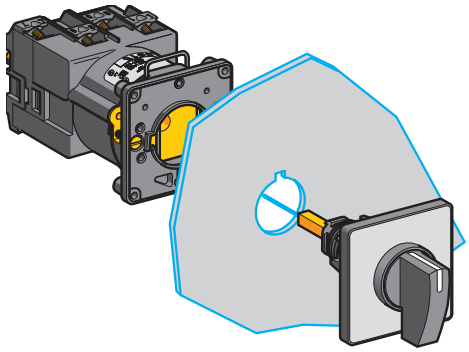


The "multi-fixing" concept enables the switch to be panel mounted using the most commonly used fixing centre dimensions. See drawing to left.

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

By means of single Ø 22 mm hole



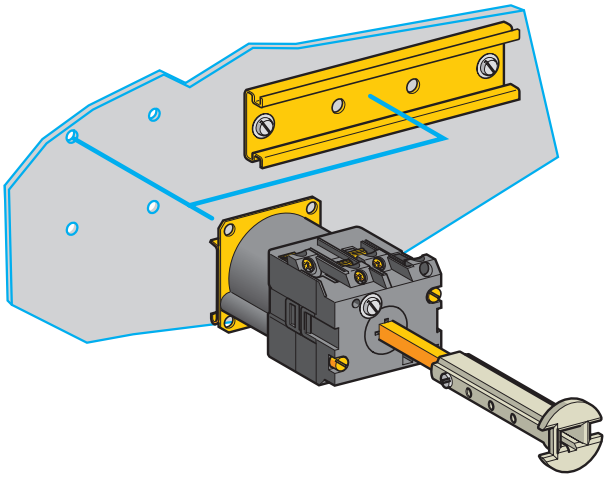


Ø 22.5 mm cut-out.
Head attaches to plate using 1/4 turn bayonet locking and secured on panel by 2 needle screws.

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

Rear mounting

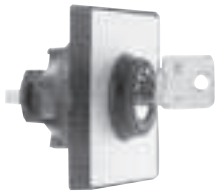
By means of 4 holes



Switch can be directly mounted on backplate using 4 screws.
For DIN rail mounting, an adaptor is available as an accessory. See page 3/75.

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

To combine with bodies: see pages 3/34 to 3/65


KBD 1●


KBA 1H


KBA 1●


KAX Z1C12


KBE 1H

Heads for Ø 22 mm hole, front mounting bodies (continued)

Description	Switching angle and marking	Type of operator	Background colour of legend	Padlocking device	Reference	Weight kg
With 60 x 60 mm front plate and key operator *(1)*						
With blank legend (to be engraved by user)	45° and 90°	Key *(1)*	Matt black	Without	**KAD 1S**	0.068
			Metallic	Without	**KBD 1S**	0.068
	60°	Key *(1)*	Matt black	Without	**KAD 1Z**	0.068
			Metallic	Without	**KBD 1Z**	0.068
Without legend *(2)*	45° and 90°	Key *(1)*	–	Without	**KDD 1S**	0.066
	60°	Key *(1)*	–	Without	**KDD 1Z**	0.066
With Ø 29 mm, metallic finish, plastic bezel and handle or key operator *(1)*						
Description	**Switching angle and marking**	**Type of operator**	**Colour of bezel**	**Padlocking device**	**Reference**	**Weight kg**
Circular heads	–	Black handle L = 35 mm	Matt black	Without	**KAA 1H**	0.042
			Metallic	Without	**KBA 1H**	0.042
	45°	Key *(1)*	Matt black	Without	**KAA 1S**	0.057
			Metallic	Without	**KBA 1S**	0.057
	60°	Key *(1)*	Matt black	Without	**KAA 1Z**	0.057
			Metallic	Without	**KBA 1Z**	0.057
With Ø 38 mm, black, plastic bezel and handle						
Circular head	–	Black handle L = 35 mm	Matt black	Without	**KAA 2H**	0.048
With Ø 28.5 mm chromium plated, metal bezel *(3)* *(2)* **and standard, handle, long handle or key operator** *(4)*						
Circular heads	–	Standard black handle	Metal	Without	**KAX Z1M12**	0.040
		Standard red handle	Metal	Without	**KAX Z1M14**	0.040
		Long black handle	Metal	Without	**KAX Z1C12**	0.040
		Long red handle	Metal	Without	**KAX Z1C14**	0.040
	30°	Key	Metal	Without	**KAX Z1S13●** *(4)*	0.065
	45°	Key	Metal	Without	**KAX Z1S14●** *(4)*	0.065
	60°	Key	Metal	Without	**KAX Z1S16●** *(4)*	0.065
	90°	Key	Metal	Without	**KAX Z1S19●** *(4)*	0.065

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
With 45 x 45 mm front plate and handle						
With blank legend (to be engraved by user)	–	Black handle L = 35 mm	Matt black	Without	**KAE 1H**	0.029
			Metallic	Without	**KBE 1H**	0.029
With marked legend	90° 	Red handle L = 35 mm	Yellow	Without	**KCE 1LH**	0.029
				With	**KCE 1Y**	0.060
Without legend *(2)*	–	Black handle L = 35 mm	–	Without	**KDE 1H**	0.027
		Red handle L = 35 mm	–	Without	**KDE 1LH**	0.027
With 60 x 60 mm front plate and handle						
With blank legend (to be engraved by user)	–	Black handle L = 42 mm	Matt black	Without	**KAF 1H**	0.068
			Metallic	Without	**KBF 1H**	0.068
With marked legend	90° 	Red handle L = 42 mm	Yellow	Without	**KCF 1MH**	0.068
Without legend *(2)*	–	Black handle L = 42 mm		Without	**KDF 1H**	0.066

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

(2) For separate marked legend ordering information, see pages 3/68 to 3/71.

*(3) Heads **only** for use with bodies K●● ●●●●X, incorporating adaptor plate **KZ 127**. See pages 3/34 to 3/64.*

(4) To order:
- *a head with key n° 455, replace the ● in the reference by **1**. Example: **KAX Z1S131**,*
- *a head with key n° 421, replace the ● in the reference by **2**. Example: **KAX Z1S132**,*
- *a head with key n° 520, replace the ● in the reference by **3**. Example: **KAX Z1S133**,*
- *a head with a special key, replace the ● in the reference by **9**. Example: **KAX Z1S139** (state the key number on the order). Key withdrawal from all positions.*

General: pages 3/14 to 3/17
Characteristics: pages 3/18 and 3/19
Dimensions: pages 3/74 to 3/77

Cam switches

Adaptable sub-assemblies, 12 and 20 A
Legends for **Ø 22 mm HOLE** mounting heads with chromium plated metal bezel, type KAX Z1●●●

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

White text on black background

30°

XBC Y7226	XBC Y7227	XBC Y7228	XBC Y7229	XBC Y7236	XBC Y2250	XBC Y7238	XBC Y7239
							

45°

XBC Y7220	XBC Y7221	XBC Y7222	XBC Y7223	XBC Y7224	XBC Y7225	XBC Y7230	XBC Y7231	XBC Y7232	XBC Y7233
									

XBC Y7234	XBC Y7235	XBC Y2213	XBC Y2214	XBC Y2215	XBC Y2216	XBC Y7217	XBC Y7251
							

60°

XBC Y7212	XBC Y7240	XBC Y7241	XBC Y7242	XBC Y7243	XBC Y7268	XBC Y7168	XBC Y7064
							

90°

XBC Y2211	XBC Y2218	XBC Y2219
		

46 x 46 mm legends - unmarked (PVC)

Colour	Sold in lots of	Unit reference	Weight kg
Black/red	10	KZ 17X	0.004
White/yellow	10	KZ 19X	0.004

(1) Weight = 0.004 kg.