

## Reliable Protection, Simple Wiring Using the Enclosure System CI-K

**xCommand**



**IP65**



The most important function of enclosures is the protection of devices. This means that protection from environmental influences such as dust, humidity, impact and chemicals, as well as protection of the operator by total insulation are the central priorities. We went beyond this. The new small enclosures CI-K significantly reduce your installation costs, and you have the option of having the enclosure covers tailored to your application.



**Small enclosures CI-K: Reliable protection for distributed switching and automation devices at any site.**

Small enclosures CI-K are the flexible housings for virtually any switching and automation devices on systems and machinery at practically any point of application. The enclosures offer flexibility for installation of all kinds of devices, whether fitted on to top-hat rail, on mounting plates or into the front. They offer reliable protection for rotary



switches, control circuit devices, miniature circuit-breakers, frequency inverters, motor-starters or control relays, to mention just a few examples. The versatility of these enclosures is due to their high degree of protection IP 65, as well as material properties such as high mechanical and chemical stability. Small enclosures CI-K are being used all over, in logistics centres, in the chemical industry, in shopping centres, in airports, .....



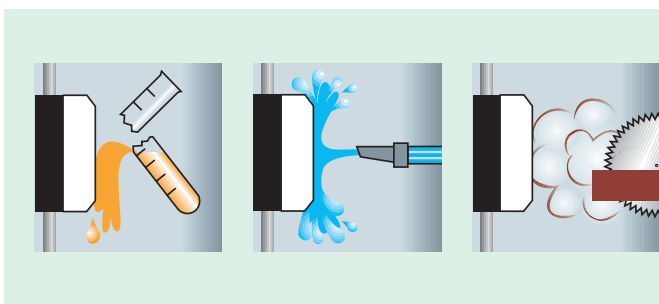
**Wiring without cable glands**

Use of the new enclosures CI-K1 and CI-K2 is a favourable option because of the flexible push-through cable-entry diaphragms. Here, the cable is simply pushed directly through the elastic diaphragm without the need for tools. The high-quality material tightly grips the cable with degree of protection IP 65. Thus you always have the choice between metric cable glands and the diaphragm.



**Customizing CI-K**

Small enclosures CI-K enable individual customer requirements to be taken care of. Any text you want to have applied can be directly laser inscribed on to the enclosure, saving you the expense for additional designation labels. Furthermore, the installation apertures for volume applications can be customized for you on request.



**Quality that meets the most stringent requirements**  
Glass-fibre reinforced polycarbonate guarantees mechanical stability and excellent chemical resistance. The high degree of enclosure protection, IP 65, ensures optimum protection for the switchgear. Total insulation provides the best possible operator protection, and the sealing glands enable unauthorized opening of the enclosures to be prevented.

# Overview of Small Enclosure Range CI-K



Enclosure size	Enclosure dimensions			Mounting systems		Enclosure base Soft cable-entry diaphragm/ Total number X size; Max. cable size
	Width mm	Height mm	Depth mm	Mounting plate/ Mounting depth mm	Carrier rail/ Mounting depth mm	
CI-K1	80	120	95	–	• /72	• /4 x M20;12mm – –
	80	120	95	–	• /72	
	80	120	95	–	• /72	
CI-K2	100	160	100	• /79	–	• /4 x M25;16mm; • /4 x M25;16mm; • /4 x M25;16mm; • /4 x M25;16mm; • /4 x M25;16mm; • /4 x M25;16mm;
	100	160	100	–	• /73	
	100	160	145	• /79	–	
	100	160	145	–	• /73	
	100	160	80	–	• /46	
	100	160	80	–	• /70	
CI-K2H	100	160	100	• /79	–	– – – – – –
	100	160	100	–	• /73	
	100	160	145	• /79	–	
	100	160	145	–	• /73	
	100	160	80	–	• /46	
	100	160	80	–	• /70	
CI-K2X	100	160	100	• /79	–	– – – –
	100	160	100	–	• /73	
	100	160	145	• /79	–	
	100	160	145	–	• /73	
CI-K3	120	200	125	• /98	–	– – – –
	120	200	125	–	• /93	
	120	200	160	• /133	–	
	120	200	160	–	• /128	
CI-K3X	120	200	125	• /98	–	– – – –
	120	200	125	–	• /93	
	120	200	160	• /133	–	
	120	200	160	–	• /128	
CI-K4	120	240	125	• /98	–	– – – –
	120	240	125	–	• /93	
	120	240	160	• /133	–	
	120	240	160	–	• /128	
CI-K4X	120	240	125	• /98	–	– – – –
	120	240	125	–	• /93	
	120	240	160	• /133	–	
	120	240	160	–	• /128	
CI-K5	120	280	125	• /98	–	– – – –
	120	280	125	–	• /93	
	120	280	160	• /133	–	
	120	280	160	–	• /128	
CI-K5X	120	280	125	• /98	–	– – – –
	120	280	125	–	• /93	
	120	280	160	• /133	–	
	120	280	160	–	• /128	
CI-B	87	149	128	• /110	–	–
CI-C	110	165	128	• /110	–	–
CI-D	110	222	128	• /110	–	–

Hard cable-entry knockouts Total number x Size;	NA version	Cover version				Part no.	Cover	
		Non-transparent	Transpa- rent	Cap aperture dimen- sion	Hinged lid		Customized laser inscription	Customized cutout service
– • /4 x M20 –	– – A	• • •	– – –	– – –	– – –	CI-K1-95-TS CI-K1H-95-TS CI-K1H-95-TS-NA	• • –	• • –
– – – – – –	– – – – – –	• • • • • •	– – – – – –	– – – – • –	– – – – – •	CI-K2-100-M CI-K2-100-TS CI-K2-160-M CI-K2-160-TS CI-K2-80-A CI-K2-80-K	• • • • • •	• • • • – –
• /4 x M25/20 • /4 x M25/20 • /4 x M25/20 • /4 x M25/20 • /4 x M25/20 • /4 x M25/20	– – – – – –	• • • • • •	– – – – – –	– – – – • –	– – – – – •	CI-K2H-100-M CI-K2H-100-TS CI-K2H-160-M CI-K2H-160-TS CI-K2H-80-A CI-K2H-80-K	• • • • • •	• • • • – –
– – – –	A A A A	• • • •	– – – –	– – – –	– – – –	CI-K2X-100-M-NA CI-K2X-100-TS-NA CI-K2X-160-M-NA CI-K2X-160-TS-NA	– – – –	– – – –
• /4 x M25/20;1 x M20 • /4 x M25/20;1 x M20 • /4 x M25/20;1 x M20 • /4 x M25/20;1 x M20	– – – –	• • • •	– – – –	– – – –	– – – –	CI-K3-125-M CI-K3-125-TS CI-K3-160-M CI-K3-160-TS	• • • •	• • • •
– – – –	K K K K	• • • •	– – – –	– – – –	– – – –	CI-K3X-125-M-NA CI-K3X-125-TS-NA CI-K3X-160-M-NA CI-K3X-160-TS-NA	– – – –	– – – –
• /4 x M32/25;2 x M20 • /4 x M32/25;2 x M20 • /4 x M32/25;2 x M20 • /4 x M32/25;2 x M20	– – – –	• • • •	– – – –	– – – –	– – – –	CI-K4-125-M CI-K4-125-TS CI-K4-160-M CI-K4-160-TS	• • • •	• • • •
– – – –	K K K K	• • • •	– – – –	– – – –	– – – –	CI-K4X-125-M-NA CI-K4X-125-TS-NA CI-K4X-160-M-NA CI-K4X-160-TS-NA	– – – –	– – – –
• /4 x M50/40/25;2 x M20 • /4 x M50/40/25;2 x M20 • /4 x M50/40/25;2 x M20 • /4 x M50/40/25;2 x M20	– – – –	• • • •	– – – –	– – – –	– – – –	CI-K5-125-M CI-K5-125-TS CI-K5-160-M CI-K5-160-TS	• • • •	• • • •
– – – –	K K K K	• • • •	– – – –	– – – –	– – – –	CI-K5X-125-M-NA CI-K5X-125-TS-NA CI-K5X-160-M-NA CI-K5X-160-TS-NA	– – – –	– – – –
• /4 x M20 • /4 x M20 • /4 x M20	– – –	– – –	• • •	– – –	– – –	CI-B CI-C CI-D	– – –	– – –

A = • /4 x 1/2 inch knockout apertures

K = smooth all-round with lathe centre UL File No E54120