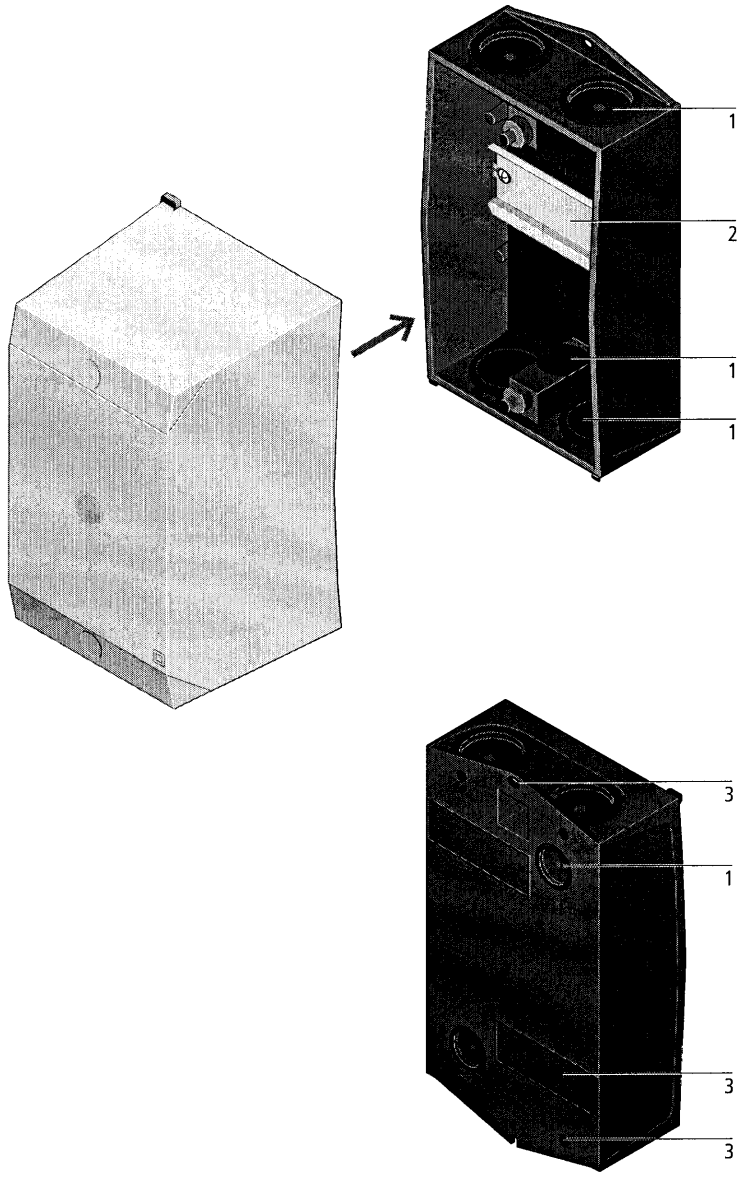
System Overview
CI-K Small Enclosures

totally insulated



System Overview
CI-K Small Enclosures totally insulated

General

- Degree of protection IP65 (Exception: CI-K2-80-A)
- Five basic sizes (floor area of enclosure base)
- Two mounting depths per size (Exception: CI-K1: Uniform enclosure depth 95 mm, CI-K2-80-: Uniform enclosure depth 80 mm)
- Enclosures made of glass-fibre reinforced, self-extinguishing polycarbonate, halogen-free
- Captive gasket
- Enclosure base RAL 9005 Black (matt) Enclosure cover RAL 7035 light grey (matt)

Metric cable entries 1

- CI-K1 and CI-K2: Metric cable entry knockouts with push-through cable entry diaphragm in the sides top and bottom and in the back plate
- CI-K3 to CI-K5: Metric cable entry knockouts in the sides, top and bottom and in the back plate
- Control cable entry from size CI-K2
- Metric cable glands to EN 50 262
- Push-through metric cable grommets

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Mounting systems for basic enclosures 2

- Mounting rails to EN 50 022
- Steel mounting plates
- Accessories for mounting systems

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Mounting 3

- Holes for fixing the enclosures to the wall vertically or horizontally
- Captive cover screws
- Rubber feet on the back plate to compensate for wall unevenness, on CI-K1 and CI-K2
- External fixing bracket on CI-K4 and CI-K5

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Enclosure for fitting devices

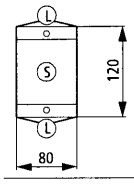
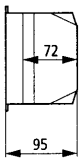
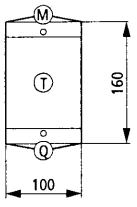
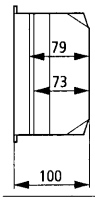
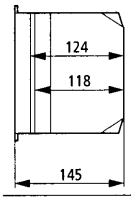
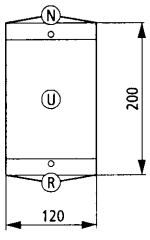
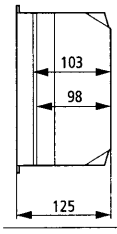
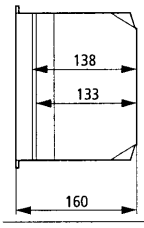
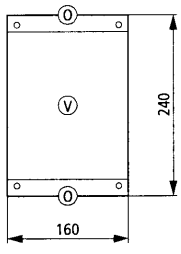
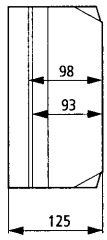
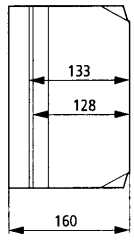
- Miniature circuit-breakers
- Rotary switches
- Switch-disconnectors
- Contactors
- "Easy" control relays
- Timing relays
- Control circuit devices

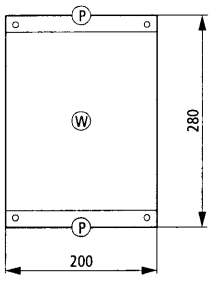
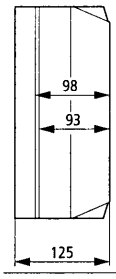
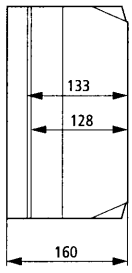
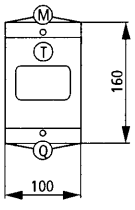
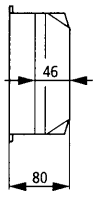
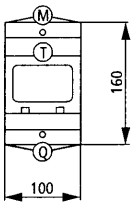
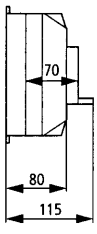
- Laser inscription
  The covers of CI-K small enclosures can be inscribed to suit your own requirements: abrasion-proof and durable using modern laser inscription techniques. Please enquire at your nearest Sales Office.
- Cutouts in enclosure covers
  Cutouts in the enclosure cover can be milled according to your requirements. Please enquire at your local Sales Centre.

CI-K Small Enclosures with Metric Cable Entries to EN 50 262
Basic Enclosures

Dimensions mm	Depth of enclosure Mounting plate Mounting rail mm	Features	Type Article no.	Price See Price List	Std. pack
CI-K basic enclosures					

- Degree of protection IP65 (Exception: CI-K2-80-A), material: glass-fibre reinforced polycarbonate
- Enclosure base RAL 9005, black; enclosure top RAL 7035, light grey
- Metric cable entry knockouts top, bottom and in the back plate
- Push-through cable membrane on CI-K1 and CI-K2
- Control cable entry from size CI-K2
- L-... indicator lights can be fitted in M20/M25 knockout in base
- For laser inscription and cutouts in enclosure top, please enquire

		With mounting rail	**CI-K1-95-TS** 206881		1 off
		With mounting rail	**CI-K2-100-TS** 206882		
		With mounting plate	**CI-K2-100-M** 206893		
		With mounting rail	**CI-K2-145-TS** 206883		
		With mounting plate	**CI-K2-145-M** 206894		
		With adapter plate Prepared for fitting a DILE contactor with ZE overload relay	**CI-K2-145-AD** 207632		
		With mounting rail	**CI-K3-125-TS** 206884		
		With mounting plate	**CI-K3-125-M** 206895		
		With mounting rail	**CI-K3-160-TS** 206885		
		With mounting plate	**CI-K3-160-M** 206896		
		With mounting rail	**CI-K4-125-TS** 206886		
		With mounting plate	**CI-K4-125-M** 206897		
		With mounting rail	**CI-K4-160-TS** 206890		
		With mounting plate	**CI-K4-160-M** 206898		

Dimensions mm	Depth of enclosure Mounting plate Mounting rail mm	Features	Type Article no.	Price See Price List	Std. pack
CI-K basic enclosures					
		With mounting rail	**CI-K5-125-TS** 206891		1 off
		With mounting plate	**CI-K5-125-M** 206899		
		With mounting rail	**CI-K5-160-TS** 206892		
		With mounting plate	**CI-K5-160-M** 206900		
CI-K2 basic enclosures with standard cutout dimensions					
		Standard cutout dimensions and mounting rail for devices requiring 2 to 4 space units. Close off unused space units (up to 2) using VST1 blanking strips → Page 14/007	**CI-K2-80-A** 211107		1 off
CI-K2 with hinged cover					
		Transparent hinged cover and mounting rail for fitting devices requiring 2 to 4 space units	**CI-K2-80-K** 211108		1 off

Notes

Metric cable entries for cable glands to EN 50 262

L

Cable entry knockouts
2 × M20 or
push-through membrane
up to ∅ 12 mm

M

Cable entry knockouts
2 × M25 or
push-through membrane
up to ∅ 16 mm

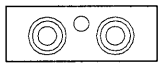
N

Cable entry knockouts
2 × M25/20

O

Cable entry knockouts
2 × M32/25
1 × M20

P

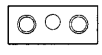


Cable entry knockouts
2 × M50/40/25
1 × M20

Q

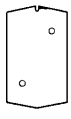
Cable entry knockouts
2 × M25 or
push-through membrane
up to ∅ 16 mm and
up to ∅ 8 mm

R



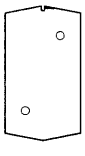
Cable entry knock-outs
2 × M25/20
1 × M20

S



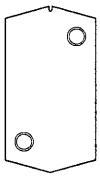
Back plate: 2 ×
push-through membrane
up to ∅ 8 mm

T



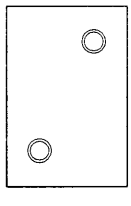
Back plate: 2 ×
push-through membrane
up to ∅ 11 mm

U



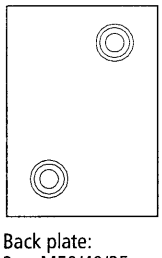
Back plate:
2 × M25/20

V



Back plate:
2 × M32/25

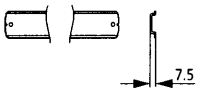
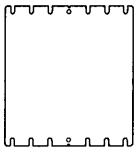
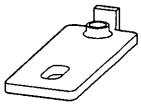
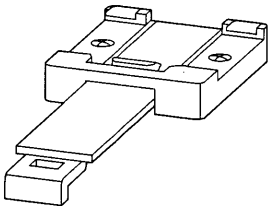
W

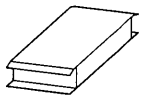
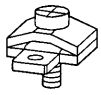
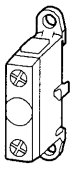
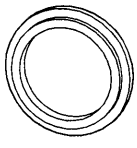


Back plate:
2 × M50/40/25

Diaphragm grommets, cable glands
→ Page 14/082

CI·K Small Enclosures with Metric Cable Entries to EN 50 262
Mounting Systems, Accessories

	For use with	Type Article no.	Price See Price List	Std. pack
Mounting rails to EN 50 022				
Height 7.5 mm, with fixing screws				
	CI-K1 crosswise, useful length 60 mm	**TS-CI-K1** 206901		10 off
	CI-K2 crosswise, useful length 82 mm	**TS-CI-K2** 206902		
	CI-K3 lengthwise and crosswise, useful length 98 mm	**TS-CI-K3** 206903		
	CI-K4 crosswise, useful length 133 mm	**TS-CI-K4** 206904		
	CI-K5 lengthwise and crosswise, and for CI-K4 lengthwise, useful length 173 mm	**TS-CI-K5** 206905		1 off
Mounting plates				
2 mm steel with fixing screws				
	CI-K2	**M-CI-K2** 206906		10 off
	CI-K3	**M-CI-K3** 206907		
	CI-K4	**M-CI-K4** 206908		
	CI-K5	**M-CI-K5** 206909		
Accessories for mounting systems				
Spacers for raising mounting systems in CI-K3 to CI-K5 (4 off required for mounting plate, 2 off required for mounting rail)				
	by 10 mm	**ADT200-190** 002289		10 off
	by 15 mm	**ADT125-110** 002290		10 off
	by 25 mm	**HS25-CI** 002291		25 off
	by 50 mm	**HS50-CI** 002292		25 off
Hank nuts To secure devices to mounting plate				
	M4 thread	**BT7488** 088380		100 off
	M5 thread	**BT7477** 086007		100 off
External fixing bracket kit				
	To secure CI-K4 and CI-K5 directly to the wall. Each kit contains 4 brackets.	**AB-CI-K4/5** 206914		1 off
Mounting rail adapter, screw fixing				
To secure enclosure on mounting rails, to EN 50 022				
	For CI-K1	**TB-CI-K** 206918		1 off

	For use with	Type Article no.	Price See Price List	Std. pack
Blanking strips				
	For CI-K2-80-A to blank off one space unit: cannot be removed from outside	**VST1** 211258		5 off
N terminals, PE terminals.				
Can be screwed onto support bosses in enclosure base plate				
	CI-K3	**K-CI-K3** 206915		10 off
	CI-K4	**K-CI-K4** 206916		10 off
Insulated individual terminals				
• With PE, N adhesive labels • For snap-fitting onto mounting rail • For screw fitting onto support bosses in enclosures CI-K3 and CI-K4				
	32 A, flexible 1.5 – 6 mm²	**K10/1** 093827		10 off
	63 A, flexible 6 – 16 mm²	**K25/1** 096200		
	100 A, flexible 10 – 35 mm²	**K50/1** 098573		
BA 9s indicator lights, conical				
For fitting into M20/M25 knockout in base For filament and neon bulbs up to 2.4 W (→ Page 03/059)				
	Red	**L-R** 208689		5 off
	White	**L-W** 208692		
	Green	**L-G** 208690		
	Yellow	**L-Y** 208691		
Sets of adapter rings				
For matching the metric cable entries to PG dimensions				
	1 set consists of 50 adapter rings	**M25-PG16** 218923		1 off
	25 adapter rings	**M32-PG21** 218924		
	10 adapter rings	**M40-PG29** 218925		
	10 adapter rings	**M50-PG36** 218926		