



**CI-K3 small enclosures with top-hat rail**



Powering Business Worldwide™

**Part no.**  
**Article no.**

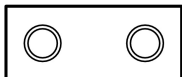
**CI-K3-160-TS**  
**206885**

**Program**

Product range			CI-K small enclosure
Basic function			Basic enclosures
Basic function			CI-K empty enclosures
Single unit/Complete unit			Single unit
Protection type			Front IP65
Material			Glass-fibre reinforced polycarbonate
Color			Enclosure base RAL 9005, black Operator only RAL 7035, light gray
Description			Metric cable entry knockouts top, bottom and in the back plate Hard metric cable entry knockouts Control cable entry Lamp indicator L-, can be mounted in base knock-out M20/M25
Dimensions		mm	
Enclosure depth			
Legend for the graphic			Dimensions from top: Mounting depth with mounting plate Mounting depth for mounting rail 7.5 mm height Mounting depth for mounting rail 15 mm height
Enclosure depth		mm	
Mounting depth for mounting rail 7.5 mm height		mm	128
Features			With mounting rail

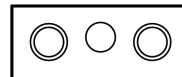
**Notes**

**N**



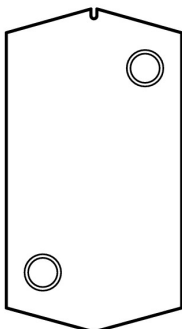
Knockouts  
2 x M25/20

**R**



Knockouts  
2 x M25/20  
1 x M20

**U**



Back plate:  
2 x M25/20

Notes
Cross-referenceNumber and size of cable entries →#229310

## Approbationen

UL approval	No
CSA approval	No

## General

Standards			IEC/EN 60529 DIN 43660 EN 50262
Climatic proofing			Damp heat, constant to IEC 60068-2-78 Damp heat, cyclic to IEC 60068-2-30
Ambient temperature		°C	- 25 - 70
Ambient temperature with push-through cable entry		°C	- 25 ... 40
Protection type			Front IP65
Degree of protection with push-through cable entry			IP65
Dissipatable heat loss			→ Radiated heat dissipation

## Material characteristics

Material			
Base, Cover			Glass-fibre reinforced polycarbonate
Colour			
Base			RAL 9005, black (matt)
Cover			Enclosure cover RAL 7035, light grey (matt)

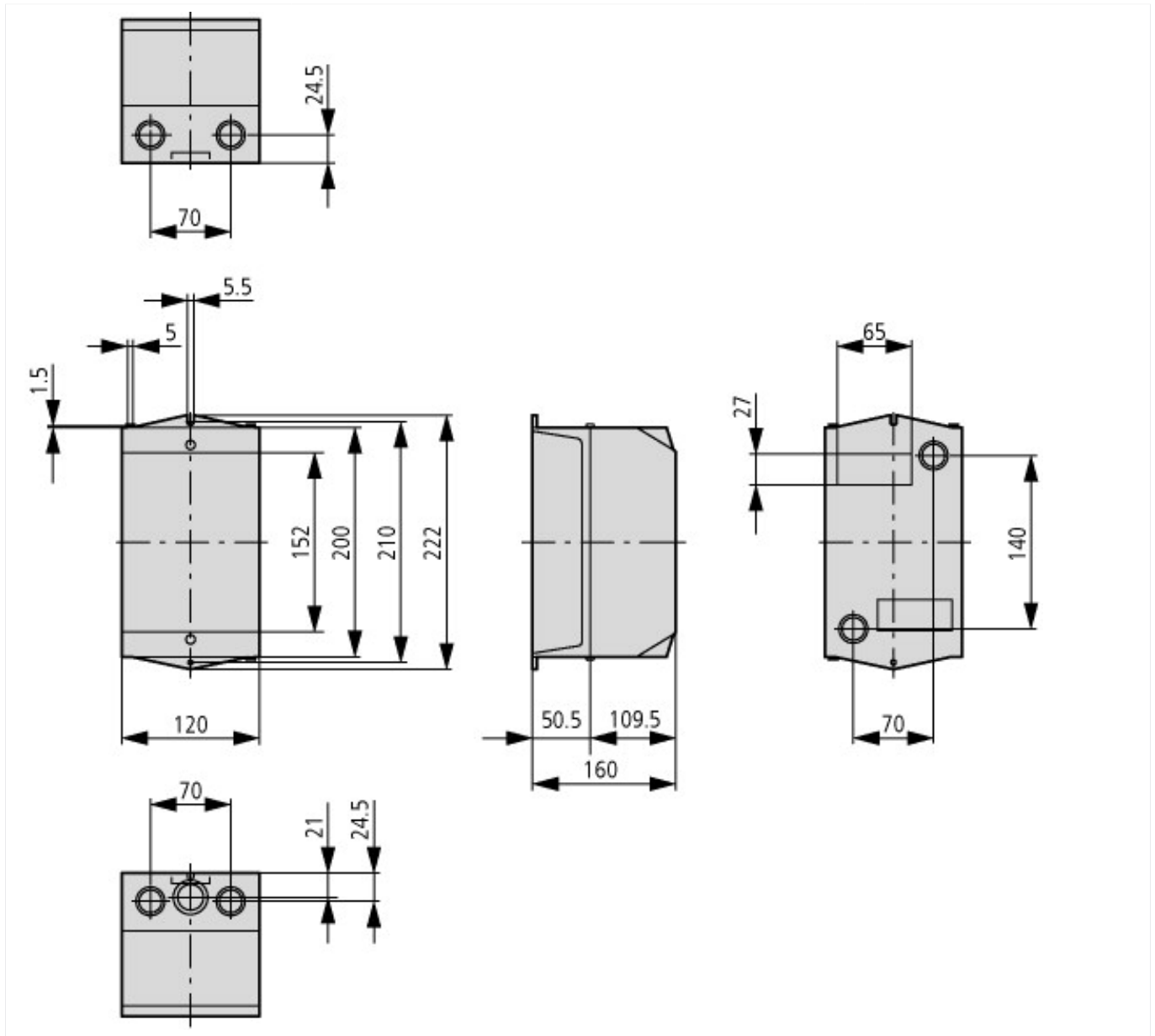
## Material properties

Electrical			
Creepage resistance to IEC 60112			
Base			CTI 175
Cover			CTI 175
Surface resistance to IEC 60093		$\Omega \times 10^{13}$	1
Dielectric strength to IEC 60243-1		kV/mm	30
Thermal			
Continuous thermal stability			
Enclosures		°C	-40 ... 120
Gasket		°C	-40 ... 80
Mechanical			
IK code to EN 50102			06
max. assembly weights			
per mounting rail		kg	0.85
with mounting plate		kg	0.85
Chemical resistance			
Base, Cover			
Resistant			Acids < 10 %, mineral oil, petrol, grease, saline solution
Partially resistant			Acids > 10 %, alcohol
Not resistant			Alkalis, benzol
Atmospheric			
Saline spray			IEC 60068-2-11
UV resistance			Beneath protective shield
Water consumption to DIN EN ISO 62		%	0.29
Flammability characteristics			
Glow wire test			
Base, Cover			
Glow wire to VDE 0471 Part 2		°C	Thickness 960/1 mm
to UL 94			VO/1.5 mm thick
Notes			The degree of protection specifications do not apply to CI-K2-80-A

## Technical data according to ETIM 4.0

Width		mm	120
Design			surface mounting
Height		mm	200
Depth		mm	160
With transparent cover			No
Suitable for emergency stop			YES
Housing material			Insulated material
Degree of protection (IP)			IP65

## Dimensions



## Additional product information (links)

### Engineering

Overview radiated heat dissipation

[ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/TD\\_CI-K\\_CI\\_de.pdf](ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/TD_CI-K_CI_de.pdf)