



MOULDED ENCLOSURE CI43



Powering Business Worldwide™

Part no. CI43E-125

Article no. 093133

Program

Product range			CI insulated enclosures
Basic function			Basic enclosures
Single unit/Complete unit			Single unit
Protection type			IP65
Description			With metric knockouts in all sides of the enclosure Fixing straps for wall fixing Sealable cover fasteners Full-area knockouts in the sides can be converted to a distribution board enclosure
Color			RAL 7032, pebble grey (base) transparent, opaque (cover)
Width		mm	375
Height		mm	250
Depth		mm	150
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 with mounting plate		mm	125
Mounting depth for mounting rail 7.5 mm height		mm	117.5
Mounting depth for mounting rail 15 mm height		mm	110
Type cover			Transparent
Model base			knockout
Notes			
C		D	
	2 x M50/20		1 x M50/32
	6 x M25/16		6 x M25/16
	8 x M20		

Approbationen

UL approval Nm
CSA approval Nm

General

Standards			IEC/EN 60529 EN 50262
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			DIN 43656 DIN 43660 EN 60439-4 for CI...X individual enclosures with combined distribution boards from CI enclosures up to 680 A. Can thus be used for socket combinations and as component for construction site distribution boards.
Climatic proofing			Damp heat, constant to IEC 60068-2-78 Damp heat, cyclic to IEC 60068-2-30
Ambient temperature		°C	- 40 - + 80
Protection type			IP65

Material characteristics

Material			glass-fibre reinforced polycarbonate (base) non-reinforced polycarbonate (cover) Halogen free
Surface			Corrosion-resistant
Color			RAL 7032, pebble grey (base) transparent, opaque (cover)

Electrical characteristics

Max. radiated heat dissipation with separate mounting, ambient air temperature +20 °C		W	46
Max. radiated heat dissipation in distribution board combination to VDE 0660 Part 500		W	42

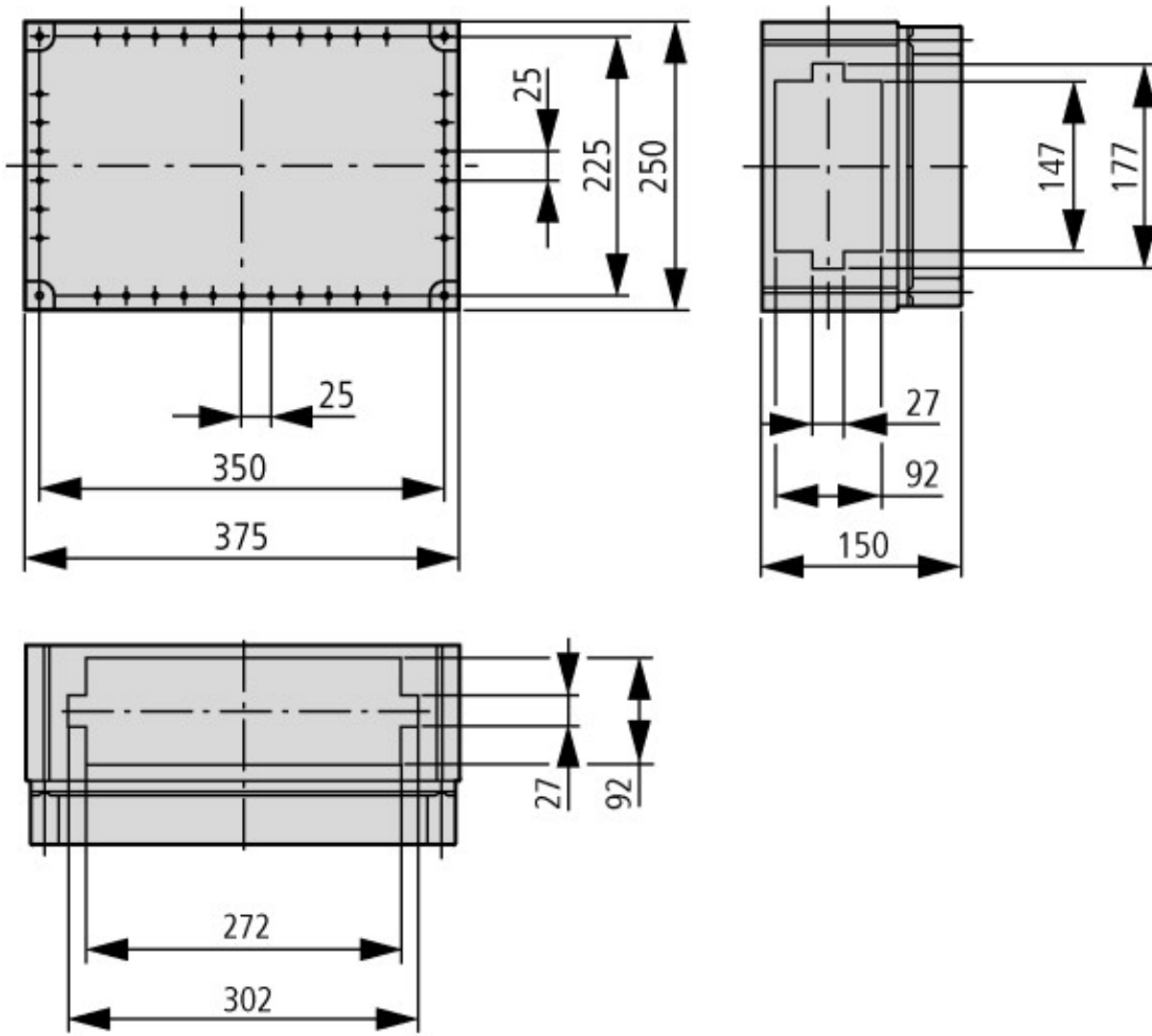
Material properties

Electrical			
Track resistance			KB160, KC175 (base, to IEC 60112) KB100, KC200 (cover, to IEC 60112)
Surface resistance to IEC 60093		$\Omega \times 10^{13}$	1
Dielectric strength to IEC 60243-1		kV/mm	30
Thermal			
Temperature resistant			-40 °C - 120 °C (enclosure) 85 °C (enclosure bolt) 80 °C (gasket)
Mechanical			
IK code to EN 50102			Please enquire
Loading capacity		kg	10
Chemical resistance			
Chemical resistant			Resistance to: Acids < 10 %, mineral oil, alcohol, gasoline, greases, salt solutions Partly resistant to: Acids > 10 % Not resistant to: alkalis, benzene
Atmospheric			
Saline spray			IEC 60068-2-11
UV resistance			Beneath protective shield
Water consumption to DIN EN ISO 62		%	0.29
Flammability characteristics			
Flammability characteristics			960 °C (Glow wire to VDE 0471 Part 2)
Flammability classification according to UL94			V1 (base) V2 (cover)

Technical data according to ETIM 4.0

Design			-
Housing material			-

Dimensions



Additional product information (links)

Engineering

Declaration of Conformity for CI
insulating material distribution system

ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/CI_Erklaerung_der_Konformitaet_G.pdf