



MOULDED ENCLOSURE CI43

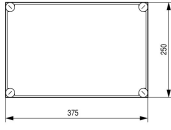
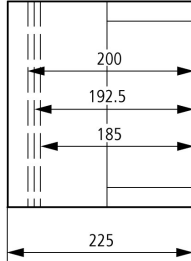


Powering Business Worldwide™

Part no.
Article no.
Catalog No.

CI43X-200
029392

Delivery programme

Dimensions		mm	
Product range			Ci insulated enclosures
Basic function			Basic enclosures
Basic function			Individual enclosures
Single unit/Complete unit			Stand-alone device
Protection type			IP65
Description			Fixing straps for wall fixing Sealable cover fasteners Smooth side plates, without knockouts
Width		mm	375
Height		mm	250
Depth		mm	225
Mounting depth with mounting plate		mm	200
Mounting depth for mounting rail 7.5 mm height		mm	192.5
Mounting depth for mounting rail 15 mm height		mm	185
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
Enclosure depth		mm	
Type cover			Transparent
Model base			Plain

General

Standards			IEC/EN 60529 EN 50262 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
Power loss			
Max. radiated heat dissipation with separate mounting, ambient air temperature +20 °C		W	56
Max. radiated heat dissipation in distribution board combination to VDE 0660 Part 500		W	42

Notes			When calculating the heat dissipation, the quadratic relationship of current with the rated diversity factor a must be considered. $P_V = I_2 \times R$ $P_V' = P_V \times a^2$ If no data is available concerning the load relationships of the individual circuits, the rated diversity factor is selected conform to VDE 0660 Part 500.
additional technical data for UL-/CSA- approved devices			see UL-report File No. E54120
Operating and ambient conditions to VDE 0660 Part 500			
Colour			
Base			RAL 7032, pebble grey
Cover			Transparent, colourless or RAL 7032, pebble grey

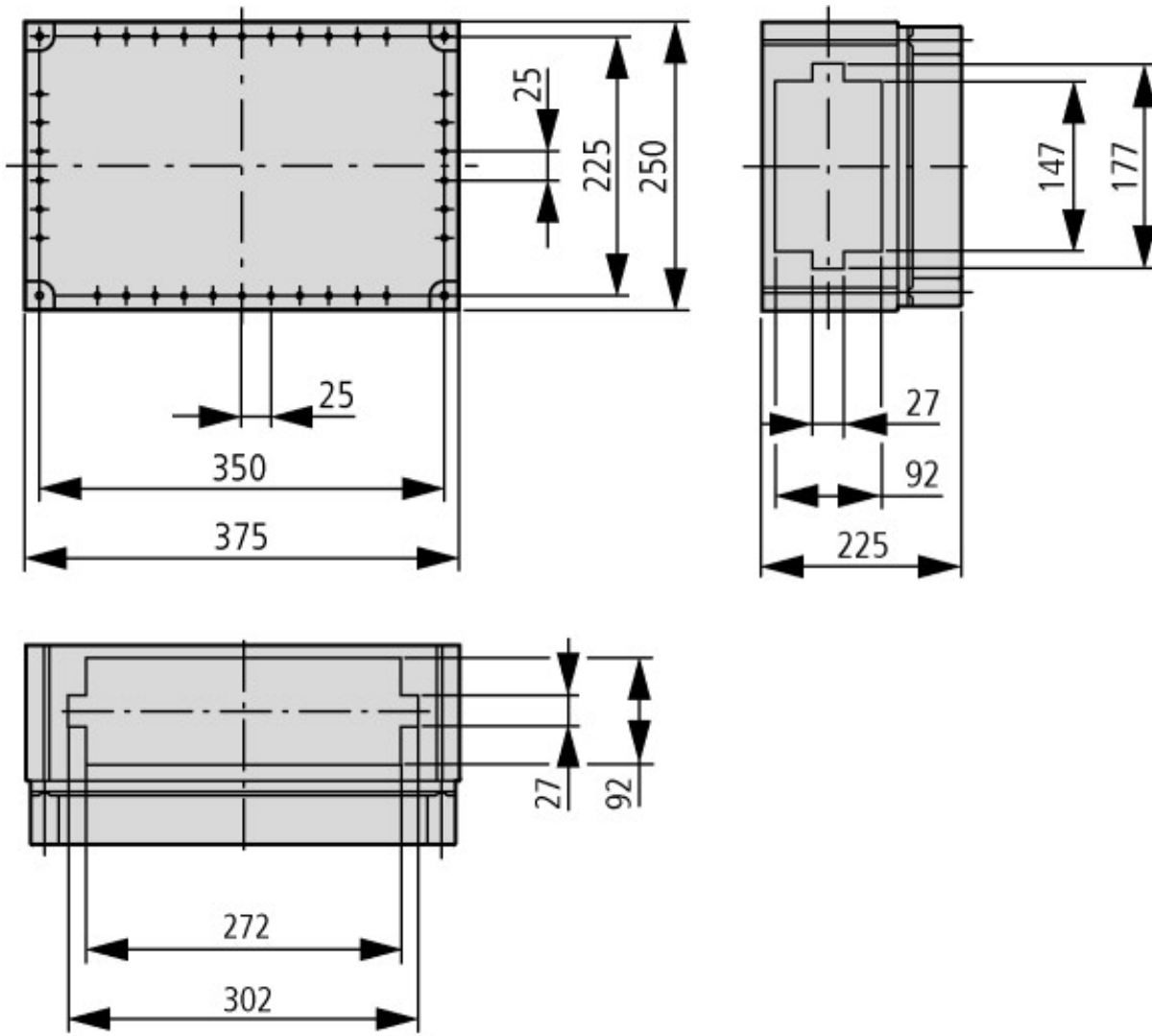
Material characteristics

Material			glass-fibre reinforced polycarbonate (base) non-reinforced polycarbonate (cover) Halogen free
Surface treatment			Resistant to corrosion
Colour			RAL 7032, pebble grey (base) transparent, opaque (cover)
Colour			
Base			RAL 7032, pebble grey
Cover			Transparent, colourless or RAL 7032, pebble grey

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			
Impact resistance			IK10 according to EN 50102
Loading capacity		kg/m ²	10
Chemical resistance			
Chemical resistant			Resistant against: 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)

Dimensions



Additional product information (links)

Manufacturer's Declaration CI-RoHS

ftp://ftp.moeller.net/DOCUMENTATION/PDF/2013-01-31_Ci_RoHS.pdf

Konformitätserklärung

ftp://ftp.moeller.net/DOCUMENTATION/PDF/ci_ce.pdf