

Panel enclosure, with gland plate and cable glands, HxWxD=375x375x225mm



Part no. KST44-200 Article no. 093504

Delivery program

Delivery program		
Product range		Ci insulated enclosures
Basic function		Basic enclosures
Product function		Panel enclosure with gland plates fitted
Single unit/Complete unit		Stand-alone device
Degree of Protection		IP65
Description		Sealable cover fasteners Sides closed, but with full area knockout Open top Fitting of cable supports in the distribution board with wedge-lock fastener Gland plate can be split, cables can be inserted from the front
Model base		Plain
Type cover		Transparent
Width	mm	375
Height	mm	375
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
Dimensions	mm	Signal Si
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	200 192.5 185
Cable entry		3 x 14 - 68
Notes		

Notes

Distribution board with/without gland plates fitted

 \bullet $\;$ Cover transparent, cover fasteners can be sealed

Ci distribution board enclosure without cable gland plates

- Degree of protection IP65
- Sides closed, but with full area knockout, open top and bottom

KST distribution board enclosure with cable gland plates fitted

- Degree of protection IP65 from below
- Sides closed, but with full area knockout, open at top

- Fitting of cable supports in the distribution board with wedge-lock fastner
 Gland plate can be split, cables can be inserted from the front

Technical data General

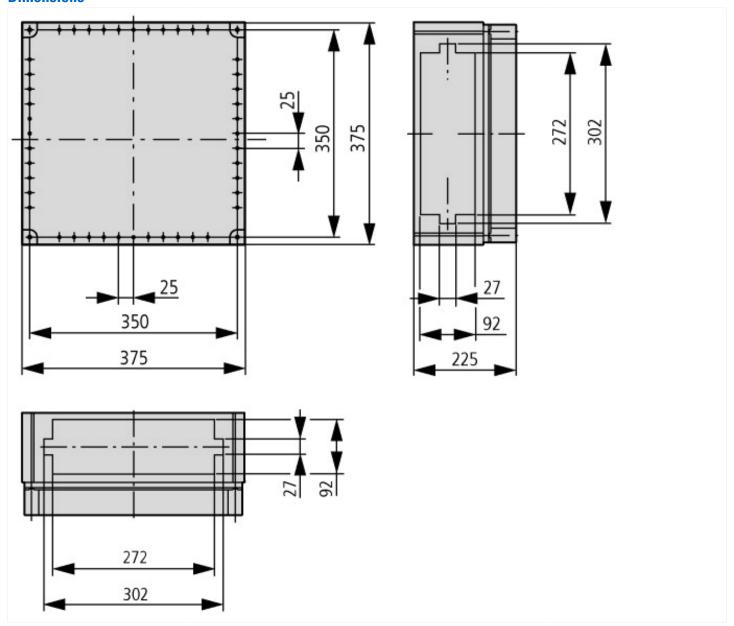
General		
Ambient temperature	°C	-40 - +80
Ambient temperature		
Mean value over 24 hours	°C	35
Limit values	°C	
Ambient temperature limit value min.	°C	-5
Ambient air temperature, limit values max.	°C	40
Degree of Protection		IP65
Protection type		IP65 (Enclosure)
Trocesion type		IP65 (KST cable entries from below) IP64 (KST cable entries from above) IP00 (Cable entry open)
Components		Switchgear assembly components are type-tested. They are available individually for the self-assembly of switchgear installations, distribution boards and control panels.
Devices that can be fitted		The reference values indicated in the table apply to the basic elements of the distribution board. As far as devices, terminals etc. fitted into the enclosures are concerned, their own specific technical data and rated values apply.
Standards		
TTA - Type Tested Assemblies		IEC/EN 60439-1, VDE 0660 Part 500
Low-voltage fuses		IEC/EN 60269, VDE 0636
Type test		VDE 0660 Part 500, IEC/EN 60439-1
Creepage and clearance distances		III/3 to IEC/EN 60439-1
Flammability characteristics - Glow rod test		VDE 0304 Part 3 level IIb, level IIb to IEC 60707
Regulation for the fire resistance tests of electrical products, their modules and components, glow wire test		VDE 0471 Part 2
Operating and ambient conditions to VDE 0660 Part 500		
Ambient temperature		
Mean value over 24 hours	°C	35
Limit values	°C	-5 40
Indoor installation		
Relative humidity		90 % (at 20°C) 50% (at 40°C)
Altitude	m	Max. 2000
Protection type		IP65 (Enclosure) IP65 (KST cable entries from below) IP64 (KST cable entries from above) IP00 (Cable entry open)
Mounting grid	mm	25 (DIN 43660)
Colour		
Base		RAL 7032, pebble grey
Housing body		Transparent, colourless or RAL 7032, pebble grey
		ClNA: Transparent cover, opaque
Surface finish		Galvanized Passivated
Material characteristics		
Surface finish		Galvanized Passivated
Colour		
Base		RAL 7032, pebble grey

Design verification as per IEC/EN 61439

Technical data for design verification			
Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees, calculated as per IEC 60890			
Individual enclosure for wall mounting	P_{V}	CO	31
Starting enclosure for wall mounting	P_V	CO	29

Heat dissipation, at an ambient temperature of 35°C, deba T: 35 degrees, calculated as per IEC 08980 Individual enclosure for wall mounting P _V CO 57 Middle enclosure for wall mounting P _V CO 53 EC/EN 61439 design verification 10.2 Strength of materials and parts 10.22 Corrosion resistance 10.23.1 Verification of thermal stability of enclosures 10.23.2 Verification of thermal stability of enclosures 10.23.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.24 Resistance to ultra-violet (UV) radiation 10.25 Lifting 10.26 Mechanical impact 10.27 Inscriptions 10.28 Oper enclosure with support frame and lifting aid met; assembled and sect as per the latest applicable instruction leaflet. 10.29 eye of protection of ASSEMBLIES 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.5 Protection of switching devices and components 10.9 Insulation properties 10.9 Insulation of existing denotesures and of insulating material 10.10 Temperature rise 10.11 Short-circuit rating PV CO 53 Meets the product standard's requirements. Meets the product standard's requirements. 10.10 Femperature rise 10.11 Short-circuit rating 10.11 Short-circuit rating				
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	10.11 Short-circuit rating			Is the panel builder's responsibility.
10.12 Electromagnetic compatibility Is the panel builder's responsibility.	10.12 Electromagnetic compatibility			Is the panel builder's responsibility.
10.13 Mechanical function Meets the product standard's requirements.	10.13 Mechanical function			Meets the product standard's requirements.

Dimensions



Additional product information (links)

AWA3200-0572 Gland plates	
AWA3200-0572 Gland plates	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/05720588.pdf
Manufacturer's Declaration CI-RoHS	ftp://ftp.moeller.net/DOCUMENTATION/PDF/2013-01-31_Ci_RoHS.pdf
Declaration of conformity	ftp://ftp.moeller.net/DOCUMENTATION/PDF/ci_ce.pdf