DATASHEET - KST43-200

Panel enclosure, with gland plate and cable glands, HxWxD=250x375x225mm



Part no.	KST43-200
	086385
EL Number	2502316
(Norway)	

General specifications

General specifications	
Product name	Eaton xEnergy Safety Ci empty enclosure insulated
Part no.	KST43-200
EAN	4015080863854
Product Length/Depth	225 millimetre
Product height	250 millimetre
Product width	375 millimetre
Product weight	3.046 kilogram
Compliances	IEC/EN 60439-1, VDE 0660 Part 500 RoHS conform
Certifications	EN 62208 EN 61439-2
Product Tradename	xEnergy Safety Ci
Product Type	Empty enclosure
Product Sub Type	Insulated
Delivery program	
Туре	Basic enclosure Panel enclosure with gland plates fitted xEnergy Safety Ci
Color	Gray Light gray (RAL 7035, base) Transparent, smoky gray (cover)
Nominal current	1600 A
Technical Data - Electrical	
Operating altitude without derating - max	2000 mm
Circuit integrity	Other
Technical Data - Mechanical	
Unit type	Stand-alone device
Surface finishing	Passivated Galvanized
Surface protection	Other
Enclosure material	Plastic
Width in number of modular spacings	15
Mounting depth with mounting plate	200 mm
Mounting grid	25 mm (DIN 43660)
Mounting method	Surface mounted (plaster)
Degree of protection	Other IP00 (cable entry open) IP64 (KST cable entries from above) IP65 IP65 (KST cable entries from below) IK10 IP65 (enclosure)
Number of conduit inlets	76
Number of modules	1
Number of openings (flange plates)	4
Number of rows	0
Relative humidity	90 % (at 20 °C) 50 % (at 40 °C)
Built-in depth	200 mm
Internal depth	200 mm
Cable entry type	14 - 68 mm (3x)
Cover/door color	Transparent

Cover/door model
Cover/door type
Creepage and clearance distances
Plate thickness (cabinet)
Plate thickness (cover/door)
Temperature-rise verification as per IEC 60890
Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890)
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)
Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890)
Heat diss. ambient 35°C delta T:20°C wall mount starting encl. top (IEC 60890)
Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890)
Heat diss. ambient 35°C delta T:35°C wall mount starting encl. top (IEC 60890)
Design verification as per IEC/EN 61439 - technical data
Ambient operating temperature - min
Ambient operating temperature - max
Mean ambient operating temperature (24 hours)
Design verification as per IEC/EN 61439
10.2.2 Corrosion resistance
10.2.3.1 Verification of thermal stability of enclosures
10.2.3.2 Verification of resistance of insulating materials to normal heat
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects
10.2.4 Resistance to ultra-violet (UV) radiation
10.2.5 Lifting
10.2.6 Mechanical impact
10.2.7 Inscriptions
10.3 Degree of protection of assemblies
10.4 Clearances and creepage distances
10.5 Protection against electric shock
10.6 Incorporation of switching devices and components
10.7 Internal electrical circuits and connections
10.8 Connections for external conductors
10.9.2 Power-frequency electric strength
10.9.3 Impulse withstand voltage
10.9.4 Testing of enclosures made of insulating material
10.10 Temperature rise
10.11 Short-circuit rating
10.12 Electromagnetic compatibility
10.13 Mechanical function
Additional information
Features
Flammability characteristics of glow rod test
Functions
Protection class
RAL-number
Special features

Technical data ETIM 9.0

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diantionbard (eclibes 13-27-14-24-18 (ACM 380016)) Mouning method Yoe of covering Cover model Cover model	Distribution boards (EG000023) / Empty cabinet (EC000058)				
Type doe Coer Coer Coer model Coer Coer Tansparent coer/dor So Non- Which Coer Non- Non- Noninal current (In) Imm So Non- Beigh Imm So So So Beigh Imm So	Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (including small distribution board) / Empty cabinet (small distribution board) (ecl@ss13-27-14-24-08 [ACN385016])				
Cover model Ised Ised Type of door None Type of door None With bock None Noninal curront (In/ None Height Imme None of curront (In/ Imme Builtin dopt Imme Builtin dopt Imme Builtin dopt Imme Builtin dopt Imme Material plats thickness cabinet Imme All-number Imme Reserver Imme Number of modules Imme Number of modules Imme Stansion possings Imme Stansion possings Imme Stansion possings Imme Stansion possings Imme Stansion possing Imme Stansi	Mounting method		Surface mounted		
Type of dor Non- Tansparent cover/door Soland Soland Min lock Soland Soland Soland Moning transmitting Soland	Type of covering		Cover		
Tansarent cover/door Tansarent	Cover model		Closed		
WindekImage: Main set of the s	Type of door		None		
Nominal current (In)Image: A set of the s	Transparent cover/door		Yes		
Height9With1035Deph030Built-in deph030Inter deph030Matrial plat thickness cabintmm30Matrial plat thickness cabor/covermm6Raterial plat thickness cabor/covermm6Number of modular spacingsmm10Number of modular spacingsmm6Number of modular spacingmm6Suitable for utdor usemmmmSuitable for utdor usemmmm	With lock		No		
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AL-number703Number of modules0Number of modular spacings0With in number of modular spacings5Number of modular spacings15Number of modular spacings6Statission possible6Number of conduit inlets6Sundar of conduit inlets6Surface protection6Suitable for utidor use6Suitable for influing protection6Suitable for influing protection6Degree of protection (NEMA)6Protection class6Influence6Protection class6Influence6 </td <td>Material plate thickness door/cover</td> <td>mm</td> <td>6</td>	Material plate thickness door/cover	mm	6		
Number of modulesImage: Image: Im	Colour		Grey		
Number of rowsImage: Constraint of the sector o	RAL-number		7035		
Width in number of modular spacings 5 Number of openings for flange plates 4 Extension possible Yes Number of conduit inlets 76 Housing material Destection Surface protection Ves Suitable for outdoor use Other Suitable for lightning protection Yes Degree of protection (NEMA) Yes Protection class Other Impact strength Other Impact strength Other Surface protection (NEMA) Other Protection class Other Impact strength Other Surface protection (NEMA) Other Protection class Other Impact strength Other Surface Strength Other	Number of modules		1		
Number of openings for flange plates Import of conduit inleg Import of conduit inlegs	Number of rows		0		
Extension possible Yes Number of conduit inlets 76 Housing material Plastic Surface protection Other With mounting plate No Suitable for outdoor use Yes Suitable for fortection (IP) Other Degree of protection (NEMA) Yes Protection class International (International (Internationa (International (International (Internationa (Internat	Width in number of modular spacings		15		
Number of conduit inlets 6 6 Housing material Plastic Surface protection 0ther With mounting plate 6 6 Suitable for outdoor use 6 5 Suitable for outdoor use 6 6 Degree of protection (NEMA) 6 6 Protection class 6 6 Impact strength 6 6 Integret strength <t< td=""><td>Number of openings for flange plates</td><td></td><td>4</td></t<>	Number of openings for flange plates		4		
Housing materialPlasticSurface protectionOtherWith mounting plateSource of protection (IP)Degree of protection (NEMA)Set Set Set Set Set Set Set Set Set Set	Extension possible		Yes		
Surface protection Image: status of the	Number of conduit inlets		76		
With mounting plate No Suitable for outdoor use Yes Suitable for lightning protection Yes Degree of protection (NEMA) Yes Protection class Yes Impact strength Yes Circuit integrity Yes Degree of protection (NEMA) Yes Degree of protection (NEMA) Yes Impact strength Yes Impact strength Yes Yes Yes	Housing material		Plastic		
Suitable for outdoor use Yes Suitable for lightning protection Yes Degree of protection (IP) Other Degree of protection (NEMA) Yes Protection class II Impact strength Other Circuit integrity Other	Surface protection		Other		
Suitable for lightning protection Mathematical Stream Yes Degree of protection (IP) Mathematical Stream Other Degree of protection (NEMA) Mathematical Stream Other Protection class I Interconcent Stream Impact strength Impact Stream Other Interconcent Stream Impact Stream Other	With mounting plate		No		
Degree of protection (IP) Mer Degree of protection (NEMA) Mer Protection class II Impact strength Mer Circuit integrity Mer	Suitable for outdoor use		Yes		
Degree of protection (NEMA) Mathematical Stream Protection class I Impact strength Impact Stream Circuit integrity Impact Stream	Suitable for lightning protection		Yes		
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Impact strength Impact strength Circuit integrity Circuit strength	Degree of protection (NEMA)		Other		
Circuit integrity Other	Protection class		II		
	Impact strength		Other		
Cover with overpressure release Yes	Circuit integrity		Other		
	Cover with overpressure release		Yes		