

Distribution cabinet, HxWxD=1800x600x500mm, IP55

Part no. Article no. XVTL-MP/BX/IC-6/5/18 114566



Delivery programme

Product range			Control centres XVTL
Basic function			Combination enclosures
Single unit/Complete unit			Complete housing
Degree of Protection			IP55 (with door and flange)
Description			Fragment basic equipment Including open cable entries top, prepared for F3A flange
Material			Sheet steel 2 mm
Surface finish			Polyester powder coating Phosphated RAL 7035, light grey
Colour			light gray (RAL 7035)
Information about equipment supplied			including frame, sheet steel doors, back plate, bottom and top plate, mounting plate, lifting eyelets, cylinder lock and branding strip Including support frame for the IVS mounting units including insulating surround and mounted insulated support bracket Without side walls
Width	n	nm	600
Height	n	nm	1800
Depth	n	nm	500

Technical data

General		
Standards		IEC/EN 60439-1 IEC/EN 60439-3 IEC/EN 62208
Protection class		1
		40 °C (intermittent maximum value) 35 °C (maximum value, 24 h average) -5 °C (minimum value)
Installation conditions		Indoor installation
Degree of Protection		IP55 (with door and flange)
Relative humidity		50% (at 40°C)
Power loss		
Max. admissible heat dissipation, ambient air temperature +35 $^{\circ}\mathrm{C}$	W	427
Weight	kg	71
Material characteristics		
Material		Sheet steel 2 mm
Surface treatment		Painting, phosphated and polyester powder coating
Surface finish		Polyester powder coating Phosphated RAL 7035, light grey
Colour		light gray (RAL 7035)
Material characteristics		
Type Door		Outside-supported doors with hidden hinges Can be removed from 90°
door opening angle		120° (single mounting) 120° (combination mounting)
Door interlock		Folding handle with espagnolette lock Can be fitted with profile cylinder Three-point interlock
Material properties		
Mechanical		
Cable entry		Various covers allow cable entry from above and/or below

Electrical			
Rated insulation voltage	Ui	V	690
Rated operational voltage	U _e	V	415
Rated frequency	f	Hz	50 (AC)
Rated impulse withstand voltage	U _{imp}	kV	6
Rated operational current	le	А	2500
Overvoltage category/pollution degree			IV/3
Rated short-time withstand current (t=1s)	I _{cw}	kA	65
Rated peak withstand current	I _{pk}	kA	143
Max. admissible heat dissipation, ambient air temperature +35 $^{\circ}\mathrm{C}$		W	427
Earthings			Screw M10: 50 x 106 A ² s (base frame, main earthing) Taptite screw M6: 3.9 × 106 A ² s (enclosure side plate, back plate) M6 weld stud: 50 × 106 A ² s (door)

Design verification as per IEC/EN 61439

Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees, Pv C0 204 Individual enclosure, free-standing Pv C0 194 Starting enclosure, free-standing Pv C0 194 Individual enclosure, free-standing Pv C0 194 Individual enclosure for wall mounting Pv C0 195 Starting enclosure for wall mounting Pv C0 166 Middle enclosure for wall mounting Pv C0 152 Individual enclosure, free-standing Pv C0 152 Individual enclosure, free-standing Pv C0 100 Individual enclosure, free-standing Pv C0 152 Individual enclosure, free-standing Pv C0 100 Individual enclosure, free-standing Pv C0 300 Individual enclosure, free-standing Pv C0 351 Individual enclosure for wall mounting Pv C0 351 Individual enclosure, free-standing Pv C0 351 Individual enclosure for wall mounting Pv C0 352	v			
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provide heat dissipation data for the devices.	10.9.4 Testing of enclosures made of insulating material			Does not apply to metal enclosures.
10.11 Short-circuit rating Is the panel builder's responsibility.	10.10 Temperature rise			
	10.11 Short-circuit rating			Is the panel builder's responsibility.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility.

Meets the product standard's requirements.

Technical data ETIM 6.0

10.13 Mechanical function

Cabinet enclosures (EG000011) / Enclosure/switchgear cabinet (empty) (EC000261)

ousing, rack / Electrica	l cabinet (empty) / Electrical cabinet (ecl@ss8.1-27-18-01-01 [AGZ056013])
mm	600
mm	1800
mm	500
	Steel
	With powder coating
	Grey
	7035
	Yes
	No
	1
	Yes
	Yes
	No
	No
	Yes
	1
	Yes
	No
	No
	Yes
	IK10
	No
	No
	No
	mm