



Distribution cabinet, HxWxD=1800x800x400mm, IP55

Part no. XVTL-MP/BF-8/4/18
Catalog No. 114514

EL-Nummer 0002459929
(Norway)

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 in top of the enclosure, calculated as per IEC 60890			
Individual enclosure, free-standing	P _V	W	224
Starting enclosure, free-standing	P _V	W	215
Middle enclosure, free-standing	P _V	W	207
Individual enclosure for wall mounting	P _V	W	208
Starting enclosure for wall mounting	P _V	W	202
Middle enclosure for wall mounting	P _V	W	187
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890			
Individual enclosure, free-standing	P _V	W	449
Starting enclosure, free-standing	P _V	W	431
Middle enclosure, free-standing	P _V	W	415
Individual enclosure for wall mounting	P _V	W	417
Starting enclosure for wall mounting	P _V	W	405
Middle enclosure for wall mounting	P _V	W	375
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Not applicable.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			Not applicable.
10.2.4 Resistance to ultra-violet (UV) radiation			Not relevant to indoor installations.
10.2.5 Lifting			Met; assembled and secured as per the latest applicable instruction leaflet.
10.2.6 Mechanical impact			IK10
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			IP55
10.4 Clearances and creepage distances			Is the panel builder's responsibility.
10.5 Protection against electric shock			< 0.1 Ω; meets the product standard's requirements.
10.6 Incorporation of switching devices and components			Is the panel builder's responsibility.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			U _i = 690 V AC
10.9.3 Impulse withstand voltage			6 kV
10.9.4 Testing of enclosures made of insulating material			Does not apply to metal enclosures.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility.

Technical data ETIM 7.0

Cabinet enclosures (EG000011) / Enclosure/switchgear cabinet (empty) (EC000261)		
Electric engineering, automation, process control engineering / Electrical cabinet, housing, rack / Electrical cabinet (empty) / Electrical cabinet (ecl@ss10.0.1-27-18-01-01 [AGZ056016])		
Width	mm	800
Height	mm	1800
Depth	mm	412
Material		Steel
Material quality		Other
Surface finishing		Powder coating
Colour		Grey
RAL-number		7035
With mounting plate		No
Mounting plate depth-adjustable		Yes
Number of locks		1
Floor installation possible		Yes
Wall fastening possible		Yes
Wall build in		No
Pole fastening		No
Tackable		Yes
Number of doors		1
Suitable for metrical mounting		Yes
Suitable for outdoor set-up		No
Pitched roof		No
EMC-version		Yes
With glazed door		No
With ventilation door		No
With backside door		No
Impact strength		IK10
Degree of protection (IP)		IP55
Degree of protection (NEMA)		