DATASHEET - EWP-10122

EWP wall-mount enclosure for EP standard mounting units, IP54, protection class 2, RAL9016, without EP modules, HxWxB=1250x1050x225mm

Part no.	**EWP-10122**
Catalog No.	**174690**
Alternate Catalog No.	**EWP-10122**
EL-Nummer (Norway)	**2455878**

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 for wall mounting	P_V	W	142
Starting enclosure for wall mounting	P_V	W	139
Middle enclosure for wall mounting	P_V	W	137
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 for wall mounting	P_V	W	285
Starting enclosure for wall mounting	P_V	W	278
Middle enclosure for wall mounting	P_V	W	275
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			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			750 °C; meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Not relevant to indoor installations.
10.2.5 Lifting			Does not apply to enclosures without lifting aids.
10.2.6 Mechanical impact			IK09
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			IP54
10.4 Clearances and creepage distances			Is the panel builder's responsibility.
10.5 Protection against electric shock			Protection class 2, therefore not applicable.
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 = 400 V AC
10.9.3 Impulse withstand voltage			3 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.
10.13 Mechanical function			Meets the product standard's requirements.

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	1050
Height	mm	1250
Depth	mm	225
Material		Steel

Material quality		
Surface finishing		Powder coating
Colour		White
RAL-number		9016
With mounting plate		No
Mounting plate depth-adjustable		No
Number of locks		1
Floor installation possible		No
Wall fastening possible		Yes
Wall build in		Yes
Pole fastening		No
Tackable		Yes
Number of doors		2
Suitable for metrical mounting		Yes
Suitable for outdoor set-up		No
Pitched roof		No
EMC-version		No
With glazed door		No
With ventilation door		No
With backside door		No
Impact strength		IK09
Degree of protection (IP)		IP54
Degree of protection (NEMA)		

Dimensions

203 mm (7.99")
227 mm (8.94")
241 mm (9.49")

13 mm (0.51")
1025 mm (40.35")
1051 mm (41.38")

1252 mm (49.29")
1285 mm (50.59")

11.5 mm (0.45")

73.5 mm (2.89")
11.5 mm (0.45")

96.5 mm (3.8")

191 mm (7.52")

150.5 mm (5.93")
250 mm (9.84")

203 mm (7.99")

227 mm (8.94")

241 mm (9.49")

13 mm (0.51")

a1

a

b

b1

11.5 mm (0.45")

73.5 mm (2.89")

11.5 mm (0.45")

11.5 mm (0.45")

96.5 mm (3.8")

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191 mm (7.52")

150.5 mm (5.93")

250 mm (9.84")