DATASHEET - EWP-05092



EWP wall-mount enclosure for EP standard mounting units, IP54, protection class 2, RAL9016, without EP modules, HxWxB=950x550x225mm



Part no.	EWP-05092
Catalog No.	174678
Alternate Catalog	EWP-05092
No.	
EL-Nummer	2455866
(Norway)	

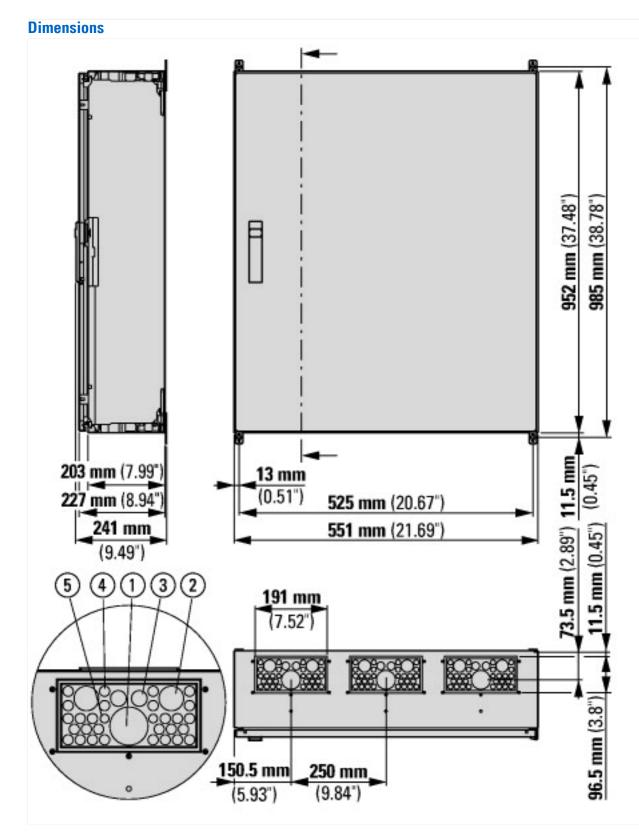
Design verification as per IEC/EN 61439

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 for wall mounting	P _V	W	57
Starting enclosure for wall mounting	P _V	W	68
Middle enclosure for wall mounting	P _V	W	64
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	115
Starting enclosure for wall mounting	P _V	W	137
Middle enclosure for wall mounting	P _V	W	128
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 (end@ss10.01-27-18-01-01 [AG2056016])
Width
Height
Depth
Auterial
Material

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	1
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)	



03/12/2021

