DATASHEET - EWS-03062

EWS wall-mount enclosure for EP standard mounting units, IP43, IK09, protection class 2, RAL9016 , without EP modules, HxWxB=650x300x210mm

Powering Business Worldwide™

Part no.	**EWS-03062**
Catalog No.	**174622**
Alternate Catalog No.	**EWS-03062**
EL-Nummer (Norway)	**2455810**

Design verification as per IEC/EN 61439

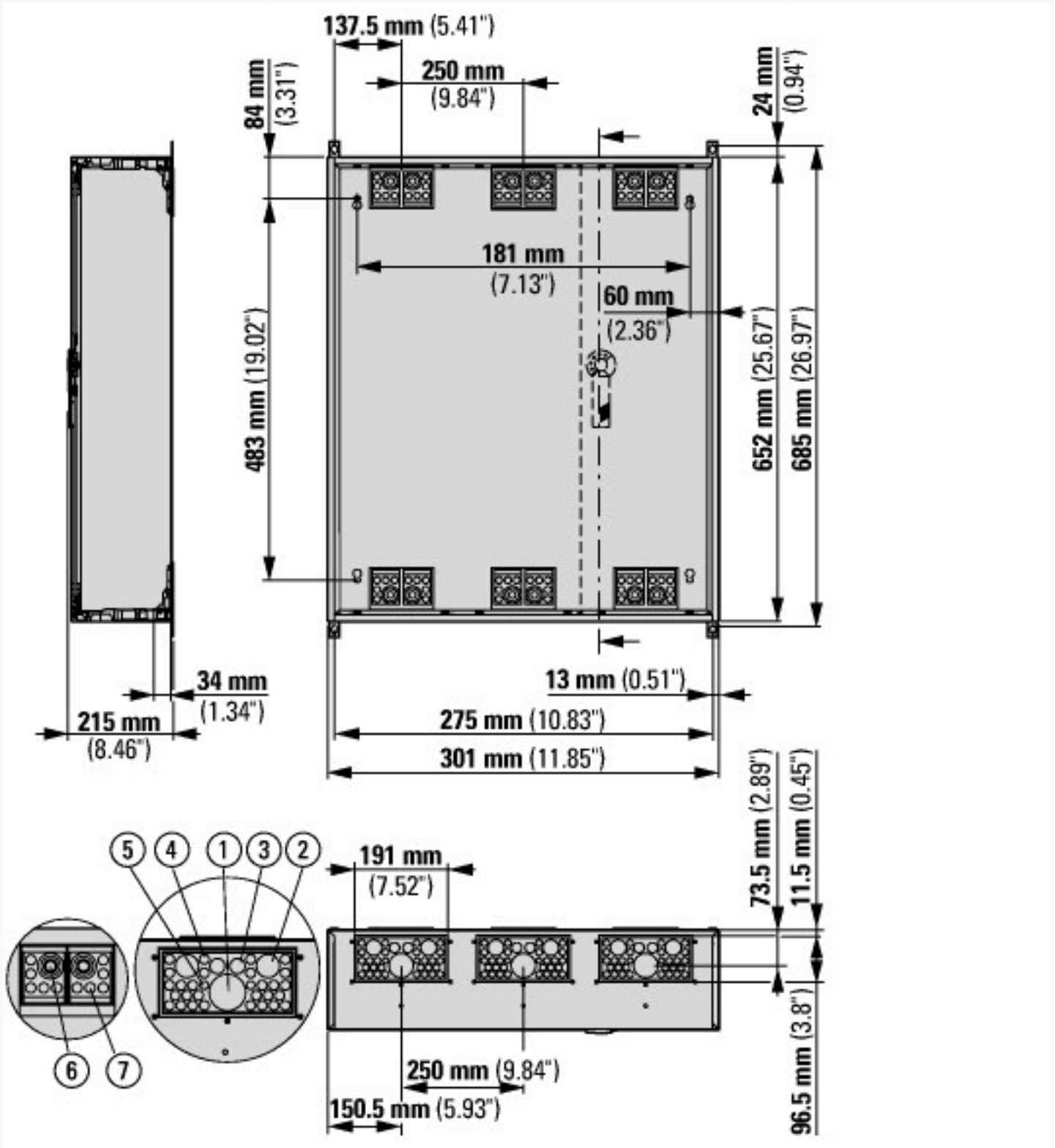
Technical data for design verification			
Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890			
Individual enclosure for wall mounting	P_V	W	36
Starting enclosure for wall mounting	P_V	W	33
Middle enclosure for wall mounting	P_V	W	30
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	73
Starting enclosure for wall mounting	P_V	W	67
Middle enclosure for wall mounting	P_V	W	61
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			IP43
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	300
Height		mm	650
Depth		mm	210

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	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)	IP43
Degree of protection (NEMA)	

Dimensions


137.5 mm (5.41")
250 mm (9.84")
84 mm (3.31")
24 mm (0.94")
181 mm (7.13")
60 mm (2.36")
483 mm (19.02")
652 mm (25.67")
685 mm (26.97")
34 mm (1.34")
215 mm (8.46")
13 mm (0.51")
275 mm (10.83")
301 mm (11.85")
5
4
1
3
2
6
7
191 mm (7.52")
73.5 mm (2.89")
11.5 mm (0.45")
96.5 mm (3.8")
250 mm (9.84")
150.5 mm (5.93")