



**EWS wall-mount enclosure for EP standard mounting units,  
IP43, IK09, protection class 2, RAL9016 , without EP modules,  
HxWxB=1400x550x210mm**

**Part no. EWS-05142**  
**Article no. 174647**  
**Catalog No. EWS-05142**

## 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, calculated as per IEC 60890			
Individual enclosure for wall mounting	P <sub>V</sub>	CO	69
Starting enclosure for wall mounting	P <sub>V</sub>	CO	66
Middle enclosure for wall mounting	P <sub>V</sub>	CO	63
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees, calculated as per IEC 60890			
Individual enclosure for wall mounting	P <sub>V</sub>	CO	139
Starting enclosure for wall mounting	P <sub>V</sub>	CO	132
Middle enclosure for wall mounting	P <sub>V</sub>	CO	126
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 <sub>i</sub> = 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 6.0

Cabinet enclosures (EG000011) / Enclosure/switchgear cabinet (empty) (EC000261)		
Electric engineering, automation, process control engineering / Electrical cabinet, housing, rack / Electrical cabinet (empty) / Electrical cabinet (ecl@ss8.1-27-18-01-01 [AGZ056013])		
Width	mm	550
Height	mm	1400

Depth	mm	210
Material		Steel
Type of surface		With 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		Yes
Impact strength		IK09
Degree of protection (IP)		IP43
With glazed door		No
With ventilation door		No
With backside door		No

## Dimensions



