



**EWS wall-mount enclosure for EP standard mounting units, IP43, IK09, protection class 2, RAL9016, without EP modules, HxWxB=800x800x210mm**

**Part no. EWS-08082**  
**Catalog No. 174628**  
**Alternate Catalog EWS-08082**  
**No.**  
**EL-Nummer 2455816**  
**(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 <sub>V</sub> | W | 69   |
| Starting enclosure for wall mounting  | P <sub>V</sub> | W | 81   |
| Middle enclosure for wall mounting  | P <sub>V</sub> | W | 68   |
| 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 <sub>V</sub> | W | 138  |
| Starting enclosure for wall mounting  | P <sub>V</sub> | W | 162  |
| Middle enclosure for wall mounting  | P <sub>V</sub> | W | 136  |
| 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 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 | 800   |
| 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                 |  |  | 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)       |  |  | IP43           |
| Degree of protection (NEMA)     |  |  |                |

## Dimensions



