

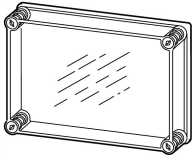


**Cap, transparent smoky gray, HxWxD=250x375x50mm**

**Part no. D150-CI43**  
**Catalog No. 038560**

**EL-Nummer 0002502194**  
**(Norway)**

## Delivery program

|                           |  |    |                                                                                    |
|---------------------------|--|----|------------------------------------------------------------------------------------|
|                           |  |    |  |
| Product range             |  |    | xEnergy Safety Ci                                                                  |
| Basic function            |  |    | Basic enclosures                                                                   |
| Product function          |  |    | Enclosure cover                                                                    |
| Accessories               |  |    | Enclosure cover without apertures                                                  |
| Single unit/Complete unit |  |    | Modular system                                                                     |
| Standards                 |  |    | EN 62208<br>EN 61439-2                                                             |
| Description               |  |    | Sealable cover fasteners                                                           |
| Type cover                |  |    | Transparent                                                                        |
| Colour                    |  |    | Transparent, smoky gray                                                            |
| <b>Dimensions</b>         |  |    |                                                                                    |
| Width                     |  | mm | 375                                                                                |
| Height                    |  | mm | 250                                                                                |
| Mounting depth:           |  | mm | 150                                                                                |
| For use with              |  |    | U-CI43...                                                                          |

## 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 | 14                                                                                                                                  |
| Starting enclosure for wall mounting                                                                                          | P <sub>V</sub> | W | 13                                                                                                                                  |
| Middle enclosure for wall mounting                                                                                            | P <sub>V</sub> | W | 13                                                                                                                                  |
| 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 | 28                                                                                                                                  |
| Starting enclosure for wall mounting                                                                                          | P <sub>V</sub> | W | 27                                                                                                                                  |
| Middle enclosure for wall mounting                                                                                            | P <sub>V</sub> | W | 26                                                                                                                                  |
| 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        |                |   | 850 °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                                                                                                                |                |   | 10 kg per enclosure with support frame and lifting aid met; assembled and secured as per the latest applicable instruction leaflet. |
| 10.2.6 Mechanical impact                                                                                                      |                |   | IK10                                                                                                                                |
| 10.2.7 Inscriptions                                                                                                           |                |   | Meets the product standard's requirements.                                                                                          |
| 10.3 Degree of protection of ASSEMBLIES                                                                                       |                |   | IP65, with base unit                                                                                                                |
| 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                 |  |  | $U_i = 1000 \text{ V AC}$                                                                                                        |
| 10.9.3 Impulse withstand voltage                         |  |  | 8 kV                                                                                                                             |
| 10.9.4 Testing of enclosures made of insulating material |  |  | Meets the product standard's requirements.                                                                                       |
| 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) / Top-/floor cover element (enclosure/switchgear cabinet) (EC000744)                                                                                                                               |  |    |           |
| Electric engineering, automation, process control engineering / Electrical cabinet, housing, rack / Roof element (electrical cabinet) / Top cover/top cover element (electrical cabinet ) (ecI@ss10.0.1-27-18-24-05 [ACN616011]) |  |    |           |
| Suitable for roof planking                                                                                                                                                                                                       |  |    | No        |
| Suitable for bottom planking                                                                                                                                                                                                     |  |    | No        |
| Width                                                                                                                                                                                                                            |  | mm | 375       |
| Height                                                                                                                                                                                                                           |  | mm | 250       |
| Depth                                                                                                                                                                                                                            |  | mm | 50        |
| Suitable for enclosure building width                                                                                                                                                                                            |  | mm | 0         |
| Suitable for enclosure building depth                                                                                                                                                                                            |  | mm | 0         |
| Material                                                                                                                                                                                                                         |  |    | Plastic   |
| Surface finishing                                                                                                                                                                                                                |  |    | Untreated |
| Colour                                                                                                                                                                                                                           |  |    | Other     |
| RAL-number                                                                                                                                                                                                                       |  |    | 0         |
| With de-aeration                                                                                                                                                                                                                 |  |    | No        |
| Suitable for outdoor set-up                                                                                                                                                                                                      |  |    | Yes       |
| With cable entry                                                                                                                                                                                                                 |  |    | No        |

## Additional product information (links)

|                                                                                                   |                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AWA32-567 Ci insulated enclosure</b>                                                           |                                                                                                                                                                                                                                                                 |
| AWA32-567 Ci insulated enclosure                                                                  | <a href="https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/05670392.pdf">https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/05670392.pdf</a>                                                                                                   |
| Manufacturer's Declaration CI-RoHS                                                                | <a href="https://es-assets.eaton.com/DOCUMENTATION/PDF/2013-01-31_Ci_RoHS.pdf">https://es-assets.eaton.com/DOCUMENTATION/PDF/2013-01-31_Ci_RoHS.pdf</a>                                                                                                         |
| Declaration of conformity                                                                         | <a href="https://es-assets.eaton.com/DOCUMENTATION/PDF/ci_ce.pdf">https://es-assets.eaton.com/DOCUMENTATION/PDF/ci_ce.pdf</a>                                                                                                                                   |
| allowInterrupt=1&RevisionSelectionMethod=La<br>model certification xEnergy Safety Ci              | <a href="http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;model%20certification%20xEnergy%20Safety%20Ci">http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;model certification xEnergy Safety Ci</a>                                           |
| allowInterrupt=1&RevisionSelectionMethod=La<br>Save time – we assist you with expert pre-assembly | <a href="http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;Save%20time%20%E2%80%93%20we%20assist%20you%20with%20expert%20pre-assembly">http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;Save time – we assist you with expert pre-assembly</a> |
| allowInterrupt=1&RevisionSelectionMethod=La<br>product information xEnergy Safety Ci              | <a href="http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;product%20information%20xEnergy%20Safety%20Ci">http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;product information xEnergy Safety Ci</a>                                           |
| tool for calculating the power loss for switching device combinations                             | <a href="http://www.eaton.eu/DE/Europe/Electrical/CustomerSupport/ConfigurationTools/TCTool/index.htm">http://www.eaton.eu/DE/Europe/Electrical/CustomerSupport/ConfigurationTools/TCTool/index.htm</a>                                                         |
| configurator - xEnergy family                                                                     | <a href="http://www.eaton.eu/DE/Europe/Electrical/CustomerSupport/ConfigurationTools/xEnergyMainSupport/index.htm">http://www.eaton.eu/DE/Europe/Electrical/CustomerSupport/ConfigurationTools/xEnergyMainSupport/index.htm</a>                                 |