

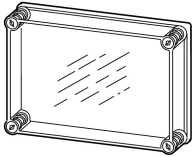


Cap, transparent smoky gray, lockable, HxWxD=250x375x25mm

Part no. **D125-CI43-DVZ**  
Catalog No. **138356**

EL-Nummer  
(Norway) **2502372**

## Delivery program

|                                      |  |    |                                                                                                                                                                                                                          |
|--------------------------------------|--|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      |  |    |                                                                                                                                        |
| Product range                        |  |    | xEnergy Safety Ci                                                                                                                                                                                                        |
| Basic function                       |  |    | Basic enclosures                                                                                                                                                                                                         |
| Product function                     |  |    | Enclosure cover                                                                                                                                                                                                          |
| Accessories                          |  |    | Enclosure cover lockable, without apertures                                                                                                                                                                              |
| Single unit/Complete unit            |  |    | Modular system                                                                                                                                                                                                           |
| Standards                            |  |    | EN 62208<br>EN 61439-2                                                                                                                                                                                                   |
| Description                          |  |    | 2 lockable cover fasteners diagonal with cylinder lock<br>Cylindrical locks, common locking mechanism<br>2 lead-sealable cover locks diagonal. No sealing option with additional exchange of all DV...-CI with DVZ...-CI |
| Type cover                           |  |    | Transparent, smoky gray                                                                                                                                                                                                  |
| Information about equipment supplied |  |    | Equipment supplied:<br>Key                                                                                                                                                                                               |
| <b>Dimensions</b>                    |  |    |                                                                                                                                                                                                                          |
| Width                                |  | mm | 375                                                                                                                                                                                                                      |
| Height                               |  | mm | 250                                                                                                                                                                                                                      |
| Mounting depth:                      |  | mm | 125                                                                                                                                                                                                                      |
| For use with                         |  |    | U-CI43...                                                                                                                                                                                                                |
| Number cylindrical locks             |  |    | 2                                                                                                                                                                                                                        |

## 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 | 12                                                                                                                                  |
| Starting enclosure for wall mounting                                                                                          | P <sub>V</sub> | W | 12                                                                                                                                  |
| Middle enclosure for wall mounting                                                                                            | P <sub>V</sub> | W | 12                                                                                                                                  |
| 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 | 24                                                                                                                                  |
| Starting enclosure for wall mounting                                                                                          | P <sub>V</sub> | W | 24                                                                                                                                  |
| Middle enclosure for wall mounting                                                                                            | P <sub>V</sub> | W | 24                                                                                                                                  |
| 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 | 25      |
| Suitable for enclosure building width                                                                                                                                                                                            |  | mm | 0       |
| Suitable for enclosure building depth                                                                                                                                                                                            |  | mm | 0       |
| Material                                                                                                                                                                                                                         |  |    | Plastic |
| Surface finishing                                                                                                                                                                                                                |  |    | Other   |
| Colour                                                                                                                                                                                                                           |  |    | Other   |
| RAL-number                                                                                                                                                                                                                       |  |    | 0       |
| With de-aeration                                                                                                                                                                                                                 |  |    | No      |
| Suitable for outdoor set-up                                                                                                                                                                                                      |  |    | Yes     |
| With cable entry                                                                                                                                                                                                                 |  |    | No      |

## Additional product information (links)

|                                                                                                                                |                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| allowInterrupt=1&RevisionSelectionMethod=LatestReleased&noSaveAs=0&Render=1&model certification xEnergy Safety Ci              | <a href="http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;">http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;</a>                                                                                             |
| allowInterrupt=1&RevisionSelectionMethod=LatestReleased&noSaveAs=0&Render=1&Save time – we assist you with expert pre-assembly | <a href="http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;">http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;</a>                                                                                             |
| allowInterrupt=1&RevisionSelectionMethod=LatestReleased&noSaveAs=0&Render=1&product information xEnergy Safety Ci              | <a href="http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;">http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp;</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> |