

Base, individual enclosure, HxWxD=250x375x120mm

Part no. U-CI43E
 Catalog No. 064896

EL-Nummer 2502263
 (Norway)

Delivery program

| | | | |
|---------------------------|--|--|---|
| Product range | | | xEnergy Safety Ci |
| Basic function | | | Basic enclosures |
| Product function | | | Enclosure bases |
| Accessories | | | Individual enclosure bottoms |
| Single unit/Complete unit | | | Modular system |
| Standards | | | EN 62208 EN 61439-2 |
| Description | | | Metric cable entry knockouts in all sides Full-area knockouts in the sides |
| Model base | | | Full-area knockouts |

Dimensions

| | | | |
|-------------|--|----|---|
| Width | | mm | 375 |
| Height | | mm | 250 |
| Cable entry | | | Top and bottom 2 x M50/32 6 x M25/16 8 x M20 Transverse 1 x M50/32 6 x M25/16 |

Notes Flanges →#024355
 Distance frame for CI45... →#110103

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 | 19 |
| Starting enclosure for wall mounting | P _V | W | 18 |
| Middle enclosure for wall mounting | P _V | W | 17 |
| 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 | 38 |
| Starting enclosure for wall mounting | P _V | W | 36 |
| Middle enclosure for wall mounting | P _V | W | 34 |
| 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 | | | 960 °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 cover |
| 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 8.0

| | | | |
|---|--|----|---------------------------|
| Distribution boards (EG000023) / Empty cabinet (EC000058) | | | |
| Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Empty cabinet (small distribution board) (ecl@ss10.0.1-27-14-24-08 [ACN385011]) | | | |
| Mounting method | | | Surface mounted (plaster) |
| Type of cover | | | Optional |
| Cover model | | | Closed |
| Type of door | | | None |
| Transparent cover/door | | | No |
| With lock | | | No |
| Nominal current (In) | | A | 1600 |
| Height | | mm | 250 |
| Width | | mm | 375 |
| Depth | | mm | 150 |
| Built-in depth | | mm | 200 |
| Internal depth | | mm | 100 |
| Material plate thickness cabinet | | mm | 6 |
| Material plate thickness door/cover | | mm | 6 |
| Colour | | | Grey |
| RAL-number | | | 7035 |
| Number of modules | | | 1 |
| Number of rows | | | 0 |
| Width in number of modular spacings | | | 15 |
| Number of openings for flange plates | | | 4 |
| Extension possible | | | Yes |
| Number of conduit inlets | | | 76 |
| Material housing | | | Plastic |
| Surface protection | | | Other |
| With mounting plate | | | No |
| Suitable for outdoor use | | | Yes |
| Suitable for lightning protection | | | Yes |
| Degree of protection (IP) | | | IP65 |
| Degree of protection (NEMA) | | | Other |
| Protection class | | | II |
| Impact strength | | | IK10 |
| Circuit integrity | | | Other |
| Cover with overpressure release | | | Yes |