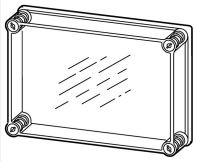
DATASHEET - D250-CI48-DVZ

Cap, transparent smoky gray, lockable, HxWxD=750x375x150mm

Part no.	**D250-CI48-DVZ**
Catalog No.	**138525**
EL-Nummer (Norway)	**2502381**

Powering Business Worldwide

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 EN 61439-2
Description			4 lockable cover fasteners with cylinder lock Cylindrical locks, common locking mechanism 2 sealable standard cover locks
Type cover			Transparent, smoky gray
Information about equipment supplied			Equipment supplied: Key
Dimensions			
Width		mm	375
Height		mm	750
Mounting depth:		mm	250
For use with			U-CI48…
Number cylindrical locks			4

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	40
Starting enclosure for wall mounting	P_V	W	38
Middle enclosure for wall mounting	P_V	W	35
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	80
Starting enclosure for wall mounting	P_V	W	75
Middle enclosure for wall mounting	P_V	W	70
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			40 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 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) (ecl@ss10.0.1-27-18-24-05 [ACN616011])

Suitable for roof planking			No
Suitable for bottom planking			No
Width		mm	375
Height		mm	750
Depth		mm	150
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)

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allowInterrupt=1&RevisionSelectionMethod=LatestReleased&noSaveAs=0&Rendit Save time – we assist you with expert pre-assembly	http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp
allowInterrupt=1&RevisionSelectionMethod=LatestReleased&noSaveAs=0&Rendit product information xEnergy Safety Ci	http://www.eaton.eu/DE/ecm/idcplg?IdcService=GET_FILE&amp
tool for calculating the power loss for switching device combinations	http://www.eaton.eu/DE/Europe/Electrical/CustomerSupport/ConfigurationTools/TCTool/index.htm
configurator - xEnergy family	http://www.eaton.eu/DE/Europe/Electrical/CustomerSupport/ConfigurationTools/xEnergyMainSupport/index.htm