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XVTL-BF-4/8/20 - Distribution cabinet, HxWxD=2000x425x800mm, IP40

114419 XVTL-BF-4/8/20

Overview Specifications Resources

114419 XVTL-BF-4/8/20

Distribution cabinet, HxWxD=2000x425x800mm, IP40

EL-Nummer (Norway) 0002459889

Frame with 2x depth mounting, rear panel, door, roof closed

- Design verification as per IEC/EN 61439
- Technical data ETIM 7.0

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 60890Individual enclosure, free-standing [P_V]

243 W

Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890Starting enclosure, free-standing [P_V]

218 W

Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890Middle enclosure, free-standing [P_V]

197 W

Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890Individual enclosure for wall mounting [P_V]

234 W

Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890Starting enclosure for wall mounting [P_V]

213 W

Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890Middle enclosure for wall mounting [P_V]

190 W

Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890Individual enclosure, free-standing [P_V]

488 W

Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890Starting enclosure, free-standing [P_V]

437 W

Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890Middle enclosure, free-standing [P_V]
395 W
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890Individual enclosure for wall mounting [P_V]
470 W
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890Starting enclosure for wall mounting [P_V]
427 W
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890Middle enclosure for wall mounting [P_V]
380 W
IEC/EN 61439 design verification
10.2 Strength of materials and parts10.2.2 Corrosion resistance
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosures
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating materials to normal heat
Not applicable.
10.2 Strength of materials and parts10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects
Not applicable.
10.2 Strength of materials and parts10.2.4 Resistance to ultra-violet (UV) radiation
Not relevant to indoor installations.
10.2 Strength of materials and parts10.2.5 Lifting
Met; assembled and secured as per the latest applicable instruction leaflet.
10.2 Strength of materials and parts10.2.6 Mechanical impact
IK10
10.2 Strength of materials and parts10.2.7 Inscriptions
Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES
IP40
10.4 Clearances and creepage distances
Is the panel builder's responsibility.
10.5 Protection against electric shock
< 0.1 Ω; meets the product standard's requirements.
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 properties10.9.2 Power-frequency electric strength
U_i = 690 V AC
10.9 Insulation properties10.9.3 Impulse withstand voltage
6 kV
10.9 Insulation properties10.9.4 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
425 mm
Height
2000 mm
Depth
808.5 mm

Material
Steel
Material quality
Other
Surface finishing
Powder coating
Colour
Grey
RAL-number
7035
With mounting plate
No
Mounting plate depth-adjustable
Yes
Number of locks
1
Floor installation possible
Yes
Wall fastening possible
Yes
Wall build in
No
Pole fastening
No
Tackable
Yes
Number of doors
1
Suitable for metrical mounting
Yes
Suitable for outdoor set-up
No
Pitched roof
No
EMC-version
Yes
With glazed door
No
With ventilation door
No
With backside door
No
Impact strength
IK10
Degree of protection (IP)
IP40
Degree of protection (NEMA)

Product photo

- 
  wa_vt28513
  Photo
  Fragment add-on board, IP55

Manual

- DA-MN-170914860
  Asset
  (PDF, de)

Declaration of Conformity

EU

- DA-DC-03_xEnergy_Light_XVTL-_200416
  Asset
  (PDF)

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