

ETNY8-6098940 DDC-250A2P

Catalog Number: ETNY8-6098940 DDC-250A2P

Maxima DDC DC switch disconnecter, 250 A, 2 pole, 2 N/O, 2 N/C, with grey knob, service distribution board mounting

General specifications



Product Name

Maxima DDC Insulated enclosure

Catalog Number

ETNY8-6098940 DDC-250A2P

Product Length/Depth

240 mm

Product Height

129 mm

Product Width

127 mm

Product Weight

5 kg

Certifications

CE
IEC/EN 60947
IEC/EN 60947-3
IEC/EN 60204
RoHS
VDE 0660

Catalog Notes

Rated Short-time Withstand Current (Icw) for a time of 1 second

Model Code

DDC-250/2

defaultTaxonomyAttributeLabel

Product Category

DC switch-disconnector
Main switch

Features

Version as maintenance-/service switch
Version as main switch

Actuator color

Gray

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. The specifications for the switchgear must be observed.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

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 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects

Meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be

For nedlasting

eCAD model

[DA-CE-ETN.DDC-250_2](#)

Installeringsinstruksjoner

[IL008023ZU](#)

Kataloger

[Product Range Catalog Industrial switch-disconnectors](#)

mCAD model

[DA-CD-ddc_250_2](#)

[DA-CS-ddc_250_2](#)

Sertifiseringsrapporter

[DA-DC-00004006.pdf](#)

[DA-DC-00003811.pdf](#)

Tegninger

[Maxima-rotary-switches-ddc-insulated-enclosure-dimensions-009.eps](#)

[Maxima-rotary-switches-ddc-insulated-enclosure-3d-drawing-003.eps](#)

[Maxima-general-rotary-switch-t0-step-switch-symbol-005.eps](#)

evaluated.

10.2.7 Inscriptions

Meets the product standard's requirements.

10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

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.

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

Fitted with:

Gray knob

Pollution degree

3

Rated impulse withstand voltage (U_{imp})

12000 V

Rated permanent current at AC-21, 400 V

0 A

Rated permanent current at AC-23, 400 V

0 A

Rated uninterrupted current (I_u)

250 A

Static heat dissipation, non-current-dependent P_{vs}

0 W

Switching power at 400 V

0 kW

Accessories

Auxiliary contact fitted by user.

Device construction

Built-in device fixed built-in technique

Rated short-time withstand current (I_{cs})

15 kA, Contacts, 1 second

15 kA

Electrical connection type of main circuit

Screw connection

Mounting position

As required

Actuator type

Long turning handle

Ambient operating temperature - max

55 °C

Ambient operating temperature - min

-25 °C

Ambient storage temperature - max

80 °C

Ambient storage temperature - min

-30 °C

Equipment heat dissipation, current-dependent P_{vid}

15 W

Heat dissipation capacity P_{diss}

0 W

Heat dissipation per pole, current-dependent P_{vid}

15 W

Number of auxiliary contacts (change-over contacts)

0

Number of auxiliary contacts (normally closed contacts)

2

Rated conditional short-circuit current (I_q)

0 kA

Overvoltage category

III

Degree of protection (front side)

IP20

Number of poles

Two-pole

Mounting method

Service distribution board mounting

Degree of protection

NEMA Other

Suitable for

Ground mounting

Functions

Interlockable

Number of switches

1

Screw size

M10, Terminal screw

Lifespan, mechanical

10,000 Operations

Terminal capacity

1 x 240 mm², solid

1 x (25 x 6) mm², Flat conductor connection with busbars

Number of auxiliary contacts (normally open contacts)

2

Rated insulation voltage (Ui)

1200 V

Rated operating voltage (Ue) - max

1000 V

Rated operating voltage (Ue) - min

1000 V

Rated operational voltage (Ue) at AC - max

1000 V

Rated short-circuit making capacity (Icm)

25 kA_{eff}

Rated operational current (Ie) at DC-21B, 1000 V

250 A

Rated operational current (Ie) at DC-21B, 480 V

250 A

Rated operational current (I_e) at DC-21B, 600 V

250 A

Rated operational current for specified heat dissipation (I_n)

250 A

Rated operational power at AC-23A, 400 V, 50 Hz

0 kW

Rated operational power at AC-3, 380/400 V, 50 Hz

0 kW

Tightening torque

20 Nm, Screw terminals

Uninterrupted current

Rated uninterrupted current I_u is specified for max. cross-section.

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