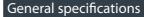


ETNY8-6098936 DDC-200A2P

Catalog Number: ETNY8-6098936 DDC-200A2P

Maxima DDC DC switch disconnector, 200 A, 2 pole, 2 N/O, 2 N/C, with grey knob, service distribution board mounting



Product Name Maxima DDC Insulated enclosure

Model Code DDC-200/2

Product Length/Depth 160 mm

Product Width 83 mm

Certifications

VDE 0660 CE RoHS IEC/EN 60947-3 IEC/EN 60204 IEC/EN 60947 Catalog Number ETNY8-6098936 DDC-200A2P

EAN 8711426639041

Product Height 98 mm

Product Weight 2 kg

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





Features & Functions

Actuator color

Gray

Actuator type Long turning handle

Features

Version as main switch Version as maintenance-/service switch

Fitted with:

Gray knob

Functions Interlockable

Number of poles

Two-pole

General

Accessories

Auxiliary contact fitted by user.

Degree of protection NEMA Other

Degree of protection (front side) IP20

Lifespan, mechanical 10,000 Operations

Mounting method Service distribution board mounting

Mounting position

As required

Overvoltage category

ш

Pollution degree

3

Product Category

DC switch-disconnector Main switch

Rated impulse withstand voltage (Uimp) 8000 V

Suitable for Ground mounting

Climatic environmental conditions

Ambient operating temperature - min -25 °C

Ambient operating temperature - max 55 °C

Ambient storage temperature - min -30 °C

Ambient storage temperature - max 80 °C

Terminal capacities

Terminal capacity

2 x (20 x 3) mm² , Flat conductor connection with busbars 1 x 120 mm², solid

1 x (30 x 3) mm², Flat conductor connection with busbars

Screw size M8, Terminal screw

Tightening torque 14 Nm, Screw terminals



Electrical rating

Rated operational current (Ie) at DC-21B, 1000 V 200 A

Rated operational current (Ie) at DC-21B, 480 V 200 A

Rated operational current (Ie) at DC-21B, 600 V 200 A

Rated operational power at AC-23A, 400 V, 50 Hz 0 kW

Rated operational voltage (Ue) at AC - max 1000 V

Rated uninterrupted current (Iu) 200 A

Uninterrupted current

Rated uninterrupted current lu is specified for max. crosssection.

Rated insulation voltage (Ui) 1200 V

Short-circuit rating

Rated conditional short-circuit current (Iq) 0 kA

Rated short-circuit making capacity (Icm) 6 kAeff

Rated short-time withstand current (Icw) 4 kA, Contacts, 1 second 4 kA

Contacts

Number of auxiliary contacts (change-over contacts) 0 Number of auxiliary contacts (normally closed contacts) 2 Number of auxiliary contacts (normally open contacts) 2

Design verification

Equipment heat dissipation, current-dependent Pvid 0 W Heat dissipation capacity Pdiss 0 W Heat dissipation per pole, current-dependent Pvid 21 W Rated operational current for specified heat dissipation (In)

200 A

Static heat dissipation, non-current-dependent Pvs 0 W

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 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.

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

Resources

Catalogues

Maxima-industrial-switch-disconnectors-catalogue-ca008011en-en-gb.pdf Product Range Catalog Industrial switch-disconnectors

Certification reports DA-DC-00003811.pdf DA-DC-00004006.pdf

Drawings

Maxima-rotary-switches-ddc-insulated-enclosure-dimensions-008.eps

Maxima-general-rotary-switch-t0-step-switch-symbol-005.eps

Maxima-rotary-switches-ddc-insulated-enclosure-3d-drawing-002.eps

eCAD model

DA-CE-ETN.DDC-200_2

Installation instructions

mCAD model

DA-CD-ddc_200_2

DA-CS-ddc_200_2



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.

Bur Dubai Office: Showroom # 19, SUQ Al Kabeer Building Bur Dubai, Dubai, UAE **Deira Office:** Showroom # 5 & 6, 7 States Building Banivas Square, Deira, Dubai, UAE

Email: info@maxima.solar Phone: +971 4 552 4462 Website: www.maxima.solar