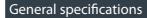


ETNY8-6098920 DDC-63A2P

Catalog Number: ETNY8-6098920 DDC-63A2P

Maxima DDC DC switch disconnector, 63 A, 2 pole, 1 N/O, 1 N/C, with grey knob, rear mounting





Maxima DDC Insulated enclosure

Model Code

DDC-63/2/M4/P-G

Product Length/Depth

132 mm

Product Width

90 mm

Certifications

IEC/EN 60947-3 **VDE 0660**

CE

IEC/EN 60204

RoHS

IEC/EN 60947

Catalog Number

ETNY8-6098920 DDC-63A2P

EAN

8711426534339

Product Height

97 mm

Product Weight

1.5 kg

Catalog Notes

Rated Short-time Withstand Current

(lcw) for a time of 1 second





Features & Functions

Actuator color

Gray

Actuator type

Long turning handle

Features

Version as maintenance-/service switch

Version as main switch

Fitted with:

Gray knob

Metal shaft for a control panel depth of 400 mm

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

Rear 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

6 - 35 mm², solid

6 - 25 mm², flexible

Stripping length (main cable)

15 mm

Tightening torque

3 Nm, Screw terminals



Electrical rating

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

63 A

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

63 A

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

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

Rated operational voltage (Ue) at AC - max

1000 V

Rated uninterrupted current (Iu)

63 A

Uninterrupted current

Rated uninterrupted current lu is specified for max. crosssection.

Rated insulation voltage (Ui)

1100 V

Short-circuit rating

Rated conditional short-circuit current (Iq)

0 kA

Rated short-circuit making capacity (Icm)

4.3 kAeff

Rated short-time withstand current (Icw)

3 kA, Contacts, 1 second

3 kA

Contacts

Number of auxiliary contacts (change-over contacts)

Number of auxiliary contacts (normally closed contacts)

1

Number of auxiliary contacts (normally open contacts)

1

Design verification

Equipment heat dissipation, current-dependent Pvid

3 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

Rated operational current for specified heat dissipation (In)

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-00004006.pdf

DA-DC-00003811.pdf

Drawings

Maxima-general-mounting-p1-main-switch-symbol-002.eps

eCAD model

DA-CE-ETN.DDC-63_2_M4_P-G

Installation instructions

IL008021ZU

mCAD model

DA-CS-ddc_63_2_m4_p_g

DA-CD-ddc_63_2_m4_p_g



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.