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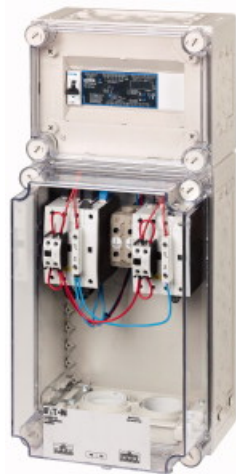
Powering Business Worldwide

NAS63-CI-1 - Mains and system-protection device combination in the housing, 63A, 4p



168106 NAS63-CI-1

[Overview](#) [Specifications](#) [Resources](#)



168106 NAS63-CI-1

Mains and system-protection device combination in the housing, 63A, 4p

Alternate Catalog No.

NAS63-CI-1

The Eaton supply system and system protection complies with the requirements of VDE-AR-N4105, that is mandatory for all generation systems on the low voltage network. The solution ready for connection convinces thanks to the compact dimensions and the minimum energy consumption. It is type tested and suitable for all network types.

• [Delivery program](#)

• [Technical data](#)

• [Design verification as per IEC/EN 61439](#)

• [Technical data ETIM 8.0](#)

• [Dimensions](#)

Delivery program

Product range

Switchgear for renewable energies

Subrange

Mains and system protection

Product range

Mains and system protection

Motor rating

AC-1400 V [P]

43 kVA

Description

Central mains and system protection

NA protection to VDE-AR-N4105

Degree of Protection

IP65

Number of conductors

4-Pole

Connection technique

Screw terminals

Technical data

General

Rated operational voltage [U_e]

400 V AC

Motor rating AC-1400 V [F]

43 kVA

Standards

VDE-AR-N 4105

Ambient temperature Open

-20 - +40 °C

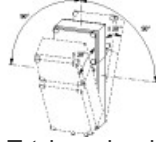
Ambient temperature Enclosed

-20 - +40 °C

Ambient temperature Storage [9]

-40 - +80 °C

Mounting position



Total opening delay

With NA protection relay < 150 ms

Rated duty factor

100 % DF

Terminal capacity main cable Solid

1 x (2,5 - 16) mm²

Terminal capacity main cable Flexible

1 x (2,5 - 35) mm²

Terminal capacity main cable Stranded

1 x (16 - 50) mm²

Terminal capacity PE terminals Solid

1 x (16 - 50) mm²

Terminal capacity PE terminals Flexible

1 x (25 - 50) mm²

Terminal capacity PE terminals Stranded

1 x (25 - 50) mm²

coupler switch

2 x DILMP63(RAC240), article no. 167512

Making capacity (cos φ) [Up to 690 V]

560

According to IEC/EN 60947 A

Breaking capacity 380 V 400 V

400 A

Short-circuit protection maximum fuse 400 V [gG/gL 500 V]

125 A

Prospective short-circuit current

100 kA

Changeover time at 100 % U_s (recommended value) Opening delay

45 ms

Rated control voltage [U_s]

230 V AC V

Power consumption of the coil in a cold state and 1.0 x U_s AC operated 50/60 Hz [Pick-up]

90 (2 x DILMP) VA

Power consumption of the coil in a cold state and 1.0 x U_s AC operated 50/60 Hz [Sealing]

3 (2 x DILMP) VA

Design verification as per IEC/EN 61439

Heat dissipation capacity [P_{diss}]

0 W

Operating ambient temperature min.

-20 °C

Operating ambient temperature max.

+40 °C

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Accessories/spare parts for low-voltage switch technology (EC002498)

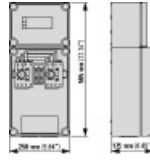
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switch technology (accessories) (ecl@ss10.0.1-27-37-13-92 [AKN570013])

Type of accessory/spare part

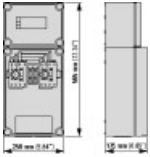
Other

Accessory
Yes
Spare part
No

Dimensions



Dimensions single product

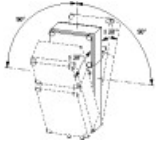


2800DIM-4

Line drawing

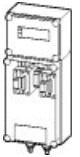
Grid and system protection combination 63A, 80A

3D drawing



2800DRV-7

Line drawing



2800DRV-8

Line drawing

Grid and system protection combination 63A, 80A

Product photo



2100PIC-154

Photo

Grid and system protection combination 63A, 80A

Tender text

- Tender text NAS63-CI-1 (TT-NAS63-CI-1)
(Text)

Declaration of Conformity

EU

- Mains and installation protection combination NAS (DA-DC-00003916)
Asset
(PDF)

Instruction Leaflet

- [Mains and system protection: Generation 1 \(IL02401001Z\)](#)
Asset
IL02401001Z NAS63(80)-CI, NAS125(160)-CI Mains and system protection (Generation 1)
(PDF, 10/2021, de, en)

CAD data

DWG files

- [DA-CD-nas63_80_ci_1](#)
File
(Web, Language independent)

edz files

- [DA-CE-ETN.NAS63-CI-1](#)
File
NAS63-CI-1 ePlan file
(Web)

Step files

- [DA-CS-nas63_80_ci_1](#)
File
(Web, Language independent)

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