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Powering Business Worldwide

NAS63-CI-2 - Mains and system-protection device combination in the housing, 63A, 4p



198273 NAS63-CI-2

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198273 NAS63-CI-2

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

Alternate Catalog No.

NAS63-CI-2

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
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_b]

400 V AC

Motor rating AC-1400 V [P]

43 kVA

Standards

VDE-AR-N4105

Ambient temperature Open

-20 - +40 °C

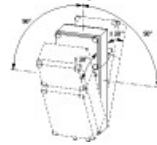
Ambient temperature Enclosed

-20 - +40 °C

Ambient temperature Storage [θ]

-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

1 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_b (recommended value) Opening delay

45 ms

Rated control voltage [U_c]

230 V AC V

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

45 VA

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

1,5 VA

Design verification as per IEC/EN 61439

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

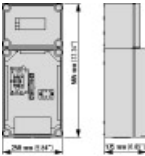
Accessory

Yes

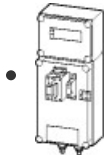
Spare part

No

Dimensions

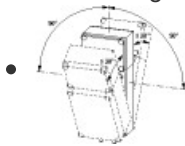


3D drawing



2800DRV-18

Line drawing



2800DRV-7

Line drawing

Product photo



NAS63-80-Cl-2_C

Photo



NAS63-80-Cl-2_L

Photo



NAS63-80-Cl-2_LTP

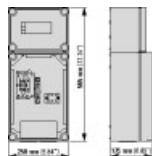
Photo



[NAS63-80-CI-2_R](#)

Photo

Dimensions single product



[2800DIM-6](#)

Line drawing

Tender text

- [Tender text NAS63-CI-2 \(TT-NAS63-CI-2\)](#)
(Text)

Instruction Leaflet

- [Mains and system protection: Generation 2 \(IL024003ZU\)](#)
Asset
(PDF, 10/2021, de, en)

Declaration of Conformity

EU

- [Mains and installation protection combination NAS \(DA-DC-00003916\)](#)
Asset
(PDF)

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