

Eaton 198274

Catalog Number: 198274

Eaton Moeller® series NAS Mains and system-protection device combination in the housing, 80A, 4p NAS80-CI-2



General specifications

Product Name	Catalog Number
Eaton Moeller® series NAS Mains and system-protection device combination	198274
	EAN
	4015081958337
Product Length/Depth	Product Height
225 mm	563 mm
Product Width	Product Weight
250 mm	6.8 kg
Certifications	
VDE-AR-N 4105	

Tekniset tuotetiedot

Product category

Switchgear for renewable energies

10.11 Short-circuit rating

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

Ambient operating temperature (enclosed) - min

-20 °C

Accessory/spare part type

Other

Terminal capacity

1 x (16 - 50) mm², solid, PE terminals

1 x (25 - 50) mm², stranded, PE terminals

1 x (2.5 - 16) mm², solid, Main cables

1 x (25 - 50) mm², flexible, PE terminals

1 x (2.5 - 35) mm², flexible, Main cables

1 x (16 - 50) mm², stranded, Main cables

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.12 Electromagnetic compatibility

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

10.2.5 Lifting

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

Switching time

45 ms, Opening delay, Changeover time at 100 % US
(recommended value)

< 150 ms with NA protection relay, Total opening delay

Ambient operating temperature (enclosed) - max

40 °C

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

Ambient storage temperature - min

-40 °C

Short-circuit current

100 kA (prospective)

Rated breaking capacity at 380/400 V

500 A

Lisämateriaalit

Asennusohjeet

IL024003ZU

mCAD model

nas63_ci_2.stp

nas63_ci_2.dwg

Piirrokset

eaton-motor-installation-protection-nas-dimensions.eps

eaton-motor-installation-protection-nas-3 d-drawing.eps

eaton-motor-installation-protection-nas-3 d-drawing-003.eps

Sertifikaattiraportit

DA-DC-00003916.pdf

Power consumption

1.5 VA at AC, 50/60 Hz (power consumption of the coil in a cold state and 1.0 x Us, Sealing power)

45 VA at AC, 50/60 Hz (power consumption of the coil in a cold state and 1.0 x Us, Pick-up power)

Rated operational power at 380/400 V, 50 Hz

55 kW

10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

Rated control supply voltage (Us) at AC, 50 Hz - max

230 V

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

Meets the product standard's requirements.

10.8 Connections for external conductors

Is the panel builder's responsibility.

Connection type

Screw terminals

Protection

Central mains and system
protection

NA protection to VDE-AR-N
4105

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

Degree of protection

IP65

Rated making capacity up to 690 V (cos phi to IEC/EN 60947-3)

700 A

Ambient operating temperature - max

40 °C

Ambient storage temperature - max

80 °C

Rated operational voltage (Ue) at AC - max

400 V

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

Number Of Poles

Four-pole

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

Ambient operating temperature - min

-20 °C

Duty factor

100 %

Type

Mains and system-protection device combination

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.6 Incorporation of switching devices and components

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

10.2.7 Inscriptions

Meets the product standard's requirements.

10.5 Protection against electric shock

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

Short-circuit protection rating

Max. 125 A gG/gL 500 V, Fuse, 400V

10.13 Mechanical function

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

10.2.6 Mechanical impact

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

10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

10.3 Degree of protection of assemblies

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



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