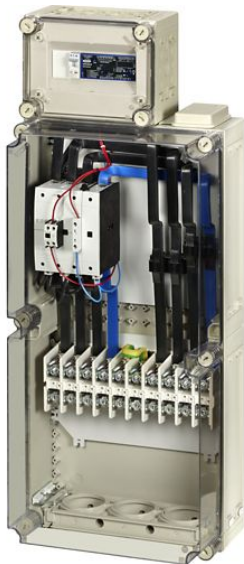


# Eaton 198277

Catalog Number: 198277

Eaton Moeller® series NAS Mains and system-protection device combination in the housing, + terminals K150, 190A, 4p



## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton Moeller® series NAS Mains and system-protection device combination	198277
	<b>EAN</b>
	4015081958368
<b>Product Length/Depth</b>	<b>Product Height</b>
225 mm	688 mm
<b>Product Width</b>	<b>Product Weight</b>
375 mm	24.4 kg
<b>Certifications</b>	
VDE-AR-N 4105	

## General

### Accessory/spare part type

Other

### Connection type

Screw terminals

### Degree of protection

IP65

### Number Of Poles

Four-pole

### Product category

Switchgear for renewable energies

### Protection

Central mains and system  
protection

NA protection to VDE-AR-N  
4105

### Terminal capacity

Sectoral solid (Al)

Round solid (Cu)

1 x 35 - 150 mm<sup>2</sup>, Al cable, Main cables

Sectoral stranded (Cu)

1 x 35 - 120 mm<sup>2</sup>, Al cable, Main cables

Round stranded (Cu)

## Climatic environmental conditions

### Ambient operating temperature - min

-20 °C

### Ambient operating temperature - max

40 °C

### Ambient operating temperature (enclosed) - min

-20 °C

### Ambient operating temperature (enclosed) - max

40 °C

### Ambient storage temperature - min

-40 °C

### Ambient storage temperature - max

80 °C

## Electrical rating

### Duty factor

100 %

### Power consumption

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

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

### Rated breaking capacity at 380/400 V

1150 A

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

230 V

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

1800 A

### Rated operational power at 380/400 V, 50 Hz

131 kW

### Rated operational voltage (Ue) at AC - max

400 V

### Short-circuit current

100 kA (prospective)

### Short-circuit protection rating

Max. 250 A gG/gL 500 V, Fuse, 400V

### Switching time

< 150 ms with NA protection relay, Total opening delay  
40 ms, Opening delay, Changeover time at 100 % US  
(recommended value)

### Lisämateriaalit

#### Asennusohjeet

IL024003ZU

#### Piirroksset

[eaton-motor-installation-protection-nas-dimensions-002.eps](#)

[eaton-motor-installation-protection-nas-3 d-drawing-003.eps](#)

[eaton-motor-installation-protection-nas-3 d-drawing-002.eps](#)

#### Sertifikaattiraportit

[DA-DC-00003916.pdf](#)



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com  
© 2024 Eaton. Kaikki  
oikeudet pidätetään.

Eaton is a registered trademark.

All other trademarks are  
property of their respective  
owners.



[Eaton.com/socialmedia](https://www.eaton.com/socialmedia)