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Netter Electronic Frequency Converters Series NFC



- Strong output power
- Considerably lower weight compared to rotating converters
- Considerably lower noise level compared to rotating converters
- Up to 3 connections possible
- Suitable for harsh construction site operation
- Switch off at overload and immediate restart
- Phase control - protection of high frequency internal vibrators
- High safety due to galvanic separated output
- Short time overload capacity up to 150 %
- Suitable for operating with Netter electric internal vibrators series NCX and NCZ



NFC 2,0/1



NFC 3,0/2



NFC 5,5/3



NetterVibration



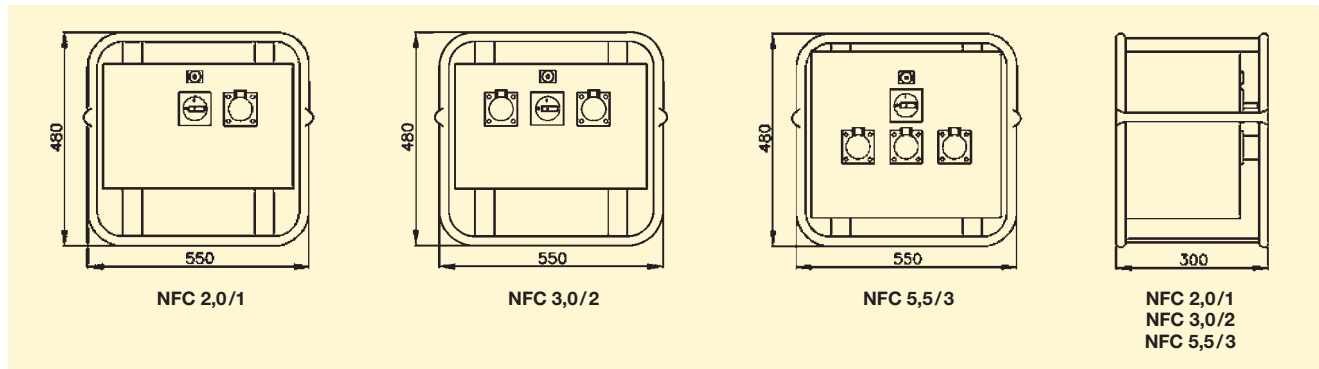
Netter Electronic Frequency Converters Series NFC

| Type | Primary Voltage at 50/60 Hz [V] | Primary Current [A] | Secondary Voltage at 200 Hz [V] | Secondary Current at 42 V [A] | Nominal power [kVA] | Quantity of sockets | Weight [kg] |
|-----------|--|---------------------------|--|--|------------------------|------------------------|----------------|
| NFC 2,0/1 | 1 × 230~ | 9 | 3 × 42 | 27 | 2 | 1 | 20 |
| NFC 3,0/2 | 1 × 230~ | 13,5 | 3 × 42 | 41 | 3 | 2 | 25 |
| NFC 5,5/3 | 3 × 400 | 8,5 | 3 × 42 | 76 | 5,5 | 3 | 40 |

Connection of Netter internal vibrators:

| NFC 2,0/1 | NFC 3,0/2 | NFC 5,5/3 |
|----------------|---------------------------------|-----------------|
| 1 x NCZ 480 or | 1 x NCZ 660 or | 2 x NCZ 660 or |
| 1 x NCX 480 or | 1 x NCX 660K or | 2 x NCX 660K or |
| 1 x NCZ 370 or | 1 x NCZ 560 and 1 x NCZ 370 or | 3 x NCZ 560 or |
| 1 x NCX 380 | 1 x NCZ 560 and 1 x NCX 380 or | 3 x NCX 580L or |
| | 1 x NCX 580L and 1 x NCZ 370 or | 3 x NCZ 480 or |
| | 1 x NCX 580L and 1 x NCX 380 or | 3 x NCX 480 or |
| | 2 x NCZ 480 or | 3 x NCZ 370 or |
| | 1 x NCZ 480 and 1 x NCZ 370 or | 3 x NCX 380 |
| | 1 x NCZ 480 and 1 x NCX 380 or | |
| | 2 x NCX 480 or | |
| | 1 x NCX 480 and 1 x NCZ 370 or | |
| | 1 x NCX 480 and 1 x NCX 380 or | |
| | 1 x NCZ 370 and 1 x NCX 380 | |

Dimensions:



Applications

Frequency converters series NFC are suitable for the power supply of internal vibrators series NCZ, NCZ/S, NCX and NCX/S. It is possible to connect units of other well-known manufacturer.

Technical characteristics

NFC are equipped with the maximum possible quantity of CEE (42 V/32 A) sockets. The voltage is electronically adjusted to the connected vibrators. The steel plate body is pulverized and fixed in a portable protection frame.

Protection

The converters are self-protected against overload, overheating, short-circuit and ground fault in the motor lines.

Permissible operating conditions

Connecting values:

NFC 2,0/1 and NFC 3,0/2: primary 230 V, 50/60 Hz, secondary 42 V, 200 Hz.
NFC 5,5/3: primary 400 V, 50/60 Hz, secondary 42 V, 200 Hz.

Ambient temperature:

0°C to 40°C

Power supply cable:

Length 2 m

Protection:

IP 44

NetterVibration offers suitable frequency converters for all electric internal vibrators.

Netter provides solutions.

Consult our experienced application technicians.

Netter GmbH

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- Germany
- Switzerland
- Poland
- Spain
- Australia
- United Kingdom
- France

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