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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



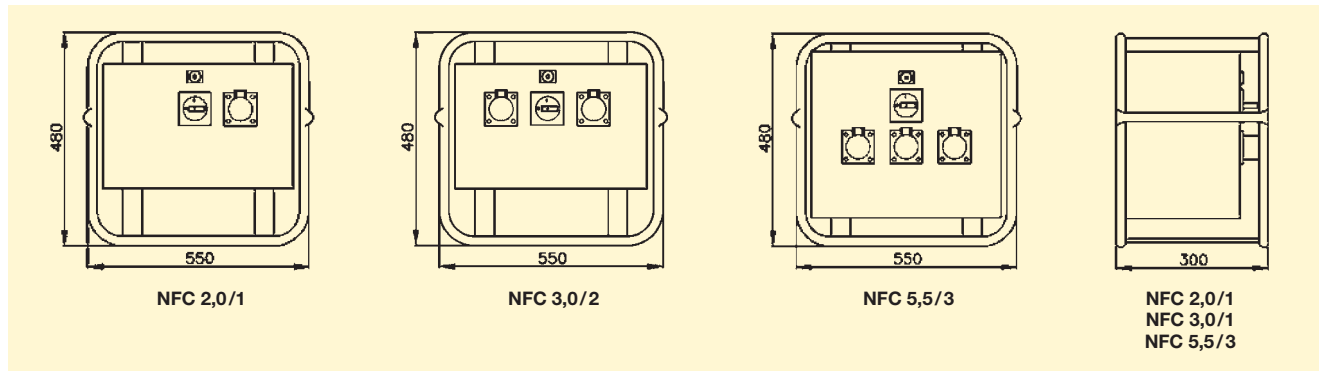
Netter Electronic Frequency Converters Series NFC

Type	Primary		Secondary		Nominal power [kVA]	Quantity of sockets	Weight [kg]
	Voltage at 50/60 Hz [V]	Current [A]	Voltage at 200 Hz [V]	Current at 42 V [A]			
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 Netter 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:

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NetterVibration offers suitable frequency converters for all electric internal vibrators.

Netter provides solutions.

Consult our experienced application technicians.

Netter GmbH

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