

Motor contactors with DC solenoid system **CNNB** series

Application:

Contactors are suitable for d.c. operated (special electromagnet) and for particular conditions of application where reduced noise at closing operation and complete elimination of noise in closed position are required. Motor contactors are used for remote control and protection of electrical engines and other electrical consumers with a nominal power of 4.2 kW to 11 kW (400 V/50 Hz for the use category AC3).

Advantages:

- In conformity with: IEC 60947-1, IEC 60947-4-1
- Installation on DIN rail and mounting plate
- High performance and reliability
- Low power loss
- Protection of direct contact from front side - IP20
- Large selection of accessories
- Standard control voltages: 24 VDC, 48 VDC, 60 VDC, 110 VDC, 220 VDC
- Snap-on auxiliaries
- For front mounting up to 4 auxiliary contacts (2NO + 2NC)
- For side mounting up to 2 auxiliary contacts (1NO + 1NC)



Ordering:

CNNB	9	1	0	220V	DC
1	2	3	4	5	6

- 1 - Contactor series
- 2 - Rated operational current Ie (AC3,400V/50Hz)
- 3 - Number of NO auxiliary contacts
- 4 - Number of NC auxiliary contacts
- 5 - Control voltage (coil voltage)
- 6 - DC control voltage



Contactor CKNB 9; 9A/4.5kW (AC3,400V/50Hz), 25A (AC1)

Type	Order number	Wiring diagram	Weight [g]	Packing [pcs]
CNNB 9 10 24V DC	603761		580	1
CNNB 9 10 48V DC	609283		580	1
CNNB 9 10 60V DC	603469		580	1
CNNB 9 10 110V DC	603604		580	1
CNNB 9 10 220V DC	603859		580	1
CNNB 9 01 24V DC	603904		580	1
CNNB 9 01 48V DC	604641		580	1
CNNB 9 01 60V DC	603470		580	1
CNNB 9 01 110V DC	603605		580	1
CNNB 9 01 220V DC	603858		580	1

integrated auxiliary contact 1NO or 1NC

Contactor CKNB 12; 12A/5.7kW (AC3,400V/50Hz); 25A (AC1)

Type	Order number	Wiring diagram	Weight [g]	Packing [pcs]
CNNB 12 10 24V DC	603797		580	1
CNNB 12 10 48V DC	604640		580	1
CNNB 12 10 60V DC	602876		580	1
CNNB 12 10 110V DC	603602		580	1
CNNB 12 10 220V DC	603855		580	1
CNNB 12 01 24V DC	604980		580	1
CNNB 12 01 48V DC	609284		580	1
CNNB 12 01 60V DC	602877		580	1
CNNB 12 01 110V DC	603603		580	1
CNNB 12 01 220V DC	603854		580	1

integrated auxiliary contact 1NO or 1NC

For front mounting up to 4 auxiliary contacts (2NO + 2NC)
For side mounting up to 2 auxiliary contacts (1NO + 1NC)

Contactors CNNB 18; 18A/7.5kW (AC3,400V/50Hz); 30A (AC1)

Type	Order number	Wiring diagram	Weight [g]	Packing [pcs]
CNNB 18 10 24V DC	603782		590	1
CNNB 18 10 48V DC	603793		590	1
CNNB 18 10 60V DC	602874		590	1
CNNB 18 10 110V DC	603601		590	1
CNNB 18 10 220V DC	603857		590	1
CNNB 18 01 24V DC	609285		590	1
CNNB 18 01 48V DC	609286		590	1
CNNB 18 01 60V DC	602875		590	1
CNNB 18 01 110V DC	603600		590	1
CNNB 18 01 220V DC	603856		590	1

integrated auxiliary contact 1NO or 1NC



Contactors CNNB 22; 22A/11kW (AC3,400V/50Hz); 30A (AC1)

Type	Order number	Wiring diagram	Weight [g]	Packing [pcs]
CNNB 22 10 24V DC	607629		600	1
CNNB 22 10 48V DC	609287		600	1
CNNB 22 10 60V DC	609288		600	1
CNNB 22 10 110V DC	609289		600	1
CNNB 22 10 220V DC	609290		600	1
CNNB 22 01 24V DC	607631		600	1
CNNB 22 01 48V DC	609291		600	1
CNNB 22 01 60V DC	609292		600	1
CNNB 22 01 110V DC	609293		600	1
CNNB 22 01 220V DC	609294		600	1

integrated auxiliary contact 1NO or 1NC

For front mounting up to 4 auxiliary contacts (2NO + 2NC)
 For side mounting up to 2 auxiliary contacts (1NO + 1NC)