
NC1D IEC Contactor with UL Listed

Nofuel NC1D Series Magnetic Contactors have been engineered for superior performance under Hazardous tropical conditions, conforming to IS/IEC 60947-4-1; IS/IEC 60947-1. It's robust construction with heavy duty silver alloy contacts, encapsulated coil in higher range to withstand wide voltage fluctuations delivers long life. Contactor have high insulation strength, with high making and breaking capacity. The Contactor Base with Télémécanique motor control technology since 1924

Advantage

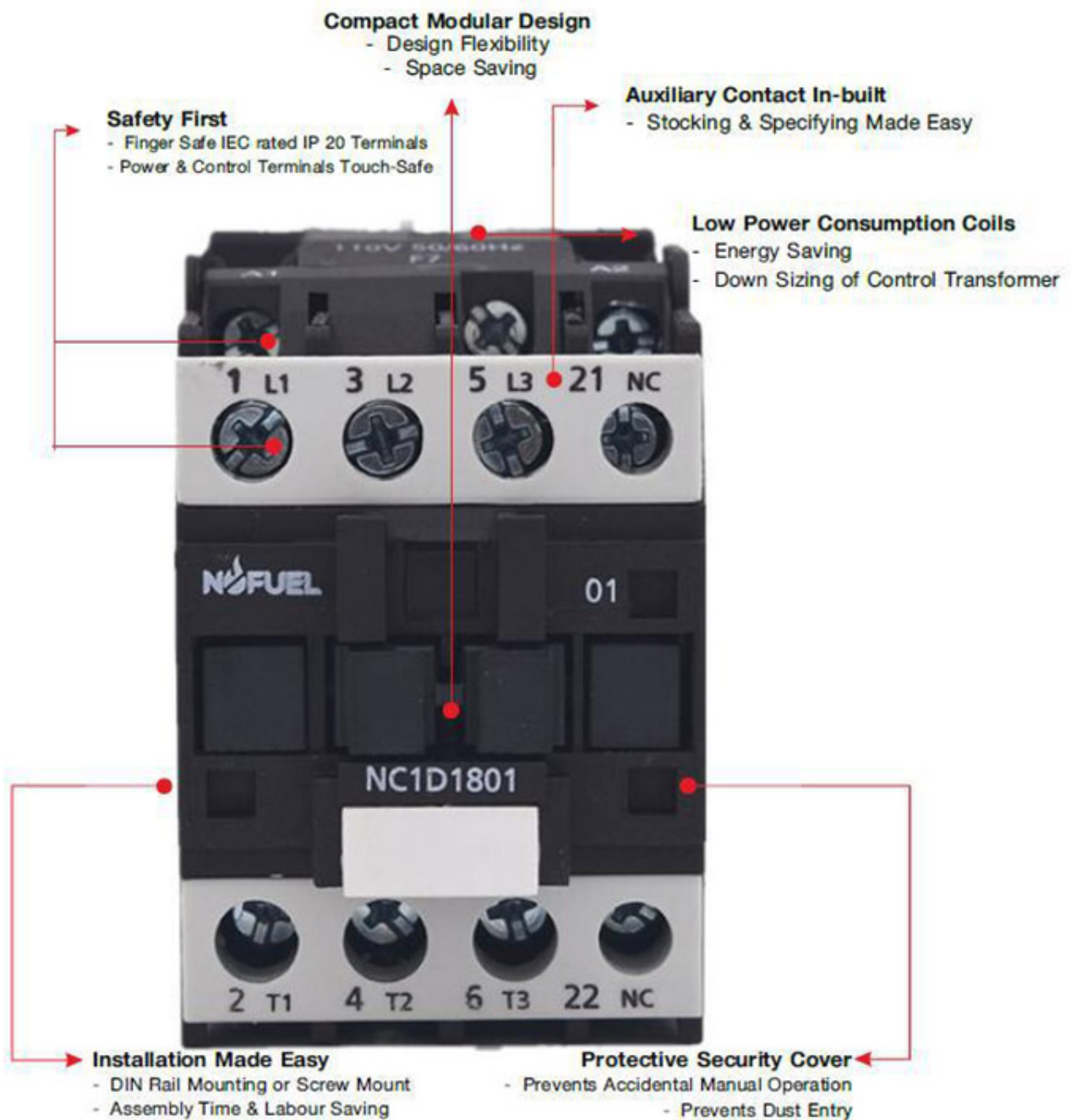
- Extremely easy maintenance
- Easy coil replacement
- Low down time for Contactor maintenance
- Contactor is ideally suitable for standalone applications such as welding, compressor, motor control & machine tools etc

Certificate : UL CSA RU CCC CE RoHS

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- 9A ~ 95A (AC3 rating)
 - 3 & 4 Pole Contactor
 - 4 Frame sizes
 - 115A ~ 800A (AC3 rating)
 - 3 & 4 Pole Contactor
 - 8 Frame sizes
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Industrial Applications

- Motor Controls
- Pumps
- Machine Tools
- Printing & Packaging Machines
- Compressors
- Power Supply Solutions
- HVAC
- Cranes
- Elevators & Escalators
- Windmills
- Solar Systems



Part number selection

NC1D09 01

B7 (FOR AC)

Model	
NC1D= <u>NofuelContactor</u>	
Current Rating	
09 = 9 Amps	
12 = 12 Amps	
18 = 18 Amps	
25 = 25 Amps	
32 = 32 Amps	
40 = 40 Amps	
50 = 50 Amps	
65 = 65 Amps	
80 = 80 Amps	
95 = 95 Amps	

		Coil Voltage	
B7		=	24 Volts
E7		=	48 Volts
F7		=	110 Volts
M7		=	220 Volts
U7		=	240 Volts
Q7		=	380 Volts
N7		=	415 Volts
		Auxiliary	
01		=	1 NC (3Pole)
10		=	1 NO (3Pole)
11		=	1 NO/ 1 NC (3Pole)
004		=	4 NO (4Pole)
006		=	4 NC (4Pole)
008		=	4pole 2 NO/ 2NC

Nofuel Contactor Series– 3 Pole

Conforming: IS 13947-4-1 / IEC 60947-4-1

Technical Parameters-Contactor: 9A~95A

Types3 Pole	AC	NC1D-09 NP1D-09	NC1D-12 NP1D-12	NC1D-18 NP1D-18	NC1D-25 NP1D-25
	DC				
Maximum Rated Current for AC3 Duty			9A	12A	18A
Rated Operational Voltage: Ue			690		
Thermal Current: Ith			25A	32A	

Power Rating for Motor Control for AC3 Duty Ø ≤55°C, 415V Conforming to UL, CSA230V 460/480V 575/600V	KW / HP	KW / HP	KW / HP	KW / HP
	4 / 5.5	5.5 / 7.5	9 / 12.5	11 / 15
	2	3	5	7.5
	5	7.5	10	15
	7.5	10	15	20
Mounting Position	±30			
Ambient Air Temperature (Operational)	- 5 to + 55°C			
Maximum Operating Rate Operations / Hrs.AC / DC	3600			
Mechanical Life50-60 Hz	20			
Thermal / Electronic Overload Relay	0.10~13.0			13.0~37.

Auxiliary Contact Block	Front Mounted:	1 NO, 1NC, 2NO, 1 NO+1NC, 2NC, 4NO, 3NO+1NC 2NO+2NC, 1NO+3NC, 4NC
	Side Mounted:	1NO+1NC, 2NC
Pneumatic Timer	Front Mounted:	
	Star Delta Timer:	On Delay 1NO+1NC (0.1~180 Sec) OFF Delay
		1NO+1NC (0.1~180 Sec)
Mechanical Interlock	Horizontally Mounted:	AC: NC1D09 - NC1D95DC: NP1D09 - NP1D95
	Surge Suppressor	Varistor AC/DC:24~48V,110~240V RC Circuit

AC Coil Voltage for

3 Pole Contactors 9A~95A & Control Relays

Coils Code	Voltage
TX1-D	24 48 110 220 240 380 415
50/60 Hz	B7 E7 F7 M7 U7 Q7 N7



NC1D-32	NC1D-40	NC1D-50	NC1D-65	NC1D-80	NC1D-95

BLP1D-32	NP1D-40	NP1D-50	NP1D-65	NP1D-80	NP1D-95
32A	40A	50A	65A	80A	95A

690

50A	60A	80A		125A	
KW / HP15 / 20	KW / HP	KW / HP	KW / HP	KW / HP	KW / HP
	22 / 30	25 / 35	37 / 50	45 / 60	45 / 60
10	10	15	20	25	25
20	30	40	50	60	60
25	30	40	50	60	60

±30

- 5 to + 55°C 3600

50-60 Hz

13.0~37.0	40.0~63.0	63.0~93.0
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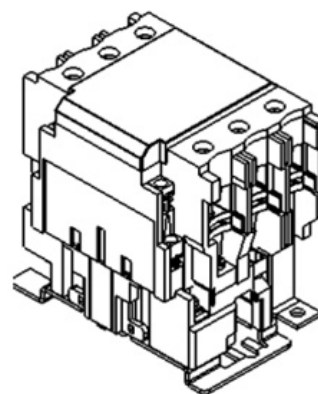
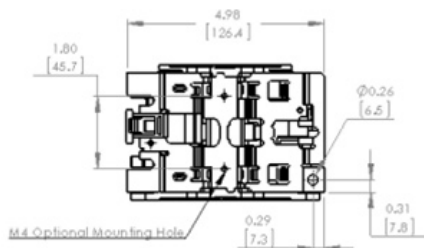
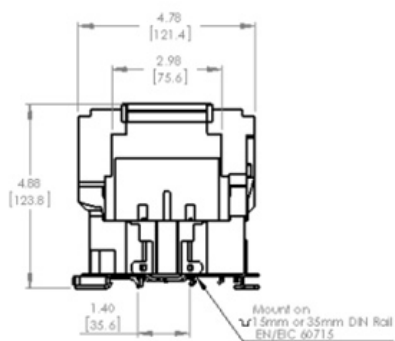
DC Coil Voltage for

3 Pole Contactors 9A~95A & Control Relays

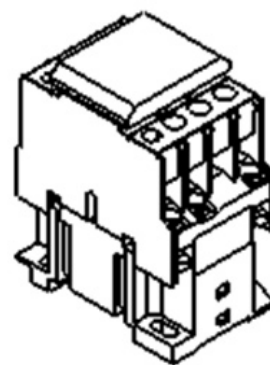
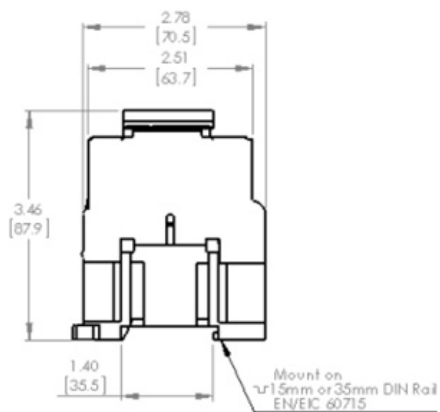
Coils Code	Voltage									
TX4-D	12	24	48	72	110	125	220	250	440	
Nominal Coil	JD	BD	ED	SD	FD	GD	MD	UD	RD	

Outline and Mounting Dimensions in mm

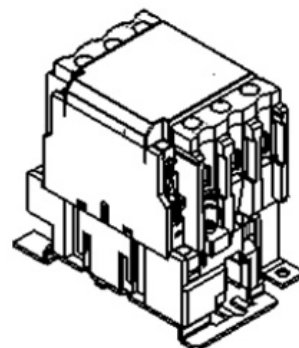
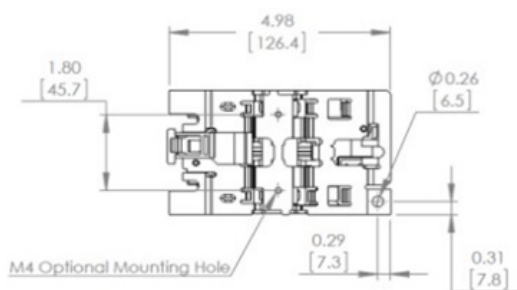
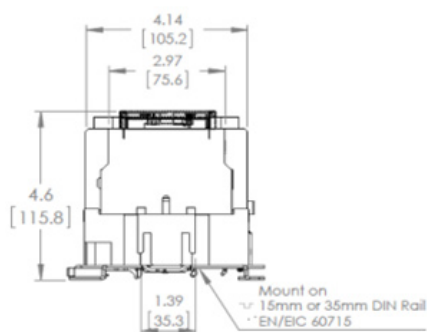
NC1D50 – NC1D65



NC1D1801



NC1D80 – BLC1D95



Product link : <https://www.nofuelpower.com/?p=1323>