

CN-50(L,U) ~ CN-80(L,U) A.C. Contactors

4.2 Pole Characteristics:()

Catalogue Number			CN-50(L,U)		CN-65(L,U)		CN-80(L,U)	
Rated Insulation Voltage (Ui) IEC/UL (V)			660/600		660/600		660/600	
Rated Operational Voltage (Ue) IEC/UL (V)			660/600		660/600		660/600	
Thermal Current (Ith) IEC A			70		80/100		100	
Thermal Current (Ith) UL A			72		85		104	
			KW A		KW A		KW A	
Rated Power Capacities AC3 IEC 60947-4-1	Single Phase	110V			3/4	50/60	4	60
		220V			6/7.5	45/55	7.5	55
	Three Phase	220V	15	55	18.5/22	65/75	22	75
		380V	25	55	30/37	64/72	37	72
		415V	25	52	33/40	64/72	40	72
		440V	30	52	37/40	64/70	40	70
		500V	30	45	37/45	55/65	45	65
660V	30	35	37/45	45/60	45	60		
Rated Power Capacities AC3 CNS C4084 JEM 1038	Single Phase	110V						
		220V						
	Three Phase	220V	15	65	15/19	65/75	19	75
		380V	25	64	25/30	64/72	30	72
		440V	30	64	30/37	64/70	37	70
550V	30	46	30/37	46/54	37	54		
Rated Power Capacities AC 3 UL 508	Single Phase	115V	5HP/56A		5HP/56A		7.5HP/80A	
		230V	10HP/50A		15HP/68A		15HP/68A	
	Three Phase	208V	15HP/49A		20HP/63A		25HP/79A	
		230V	20HP/54A		25HP/68A		30HP/80A	
		460V	40HP/52A		50HP/65A		60HP/77A	
575V	50HP/52A		60HP/62A		60HP/62A			
N E M A Class			2+		2 +		3+	

Note:1. Suffix“L” of catalogue number: Lug terminals are provided instead of screw terminals.

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4.3 Control Circuit Characteristics(): IEC 60947-5-1 UL 508

Catalogue Number		CN-50(L,U)~CN-80(L,U)	
Rated Insulation Voltage (V) (Ui) IEC/UL		660/600	
Rated Operational Voltage (V) (Ue) IEC/UL		660/600	
Thermal Current AC/DC (Ith) A		10/2.5	
Rated Operational Current (A) IEC 60947-5-1 /UL 508	AC-15 /A600	120V	6
		240V	3
		380V	1.9
		480V	1.5
		500V	1.4
		600V	1.2
	DC-13	125V	0.55
	Q300	250V	0.27

Note:1.AC-15:Control of a.c. electromagnetic loads.
 2.DC-13:Control of d.c. electromagnetic loads.

4.4 Control Circuit Characteristics():

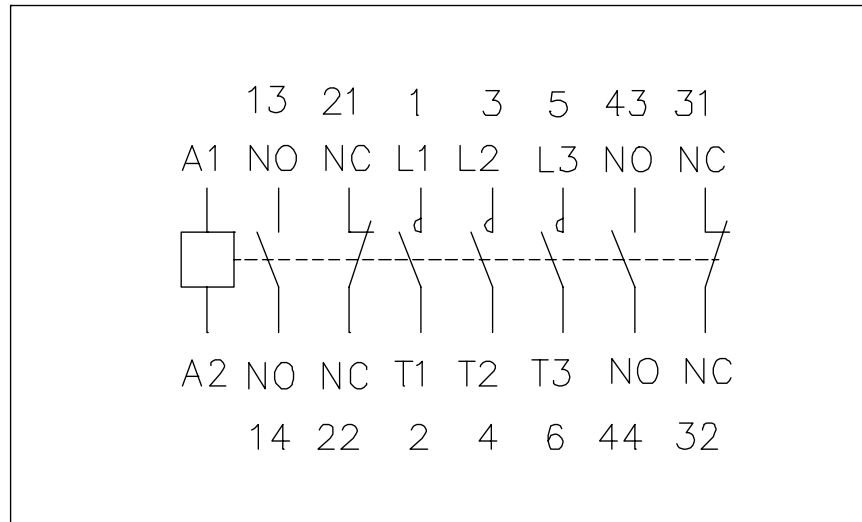
Catalogue Number			CN-50(L,U)~CN-80(L,U)
Operational Voltage	50Hz	V	22-550
	60Hz	V	24-575
Pick-up Voltage	50Hz/60Hz	% Us	Max 75
Power Consumption	Inrush	VA	Max 280
	Sealed	VA	Max 32
Power Dissipation		W	6-7.5

Note:1.Us: Rated control supply voltage.

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4.5 Terminal Marking:

3A2a2b



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4.6 Overall Dimension

