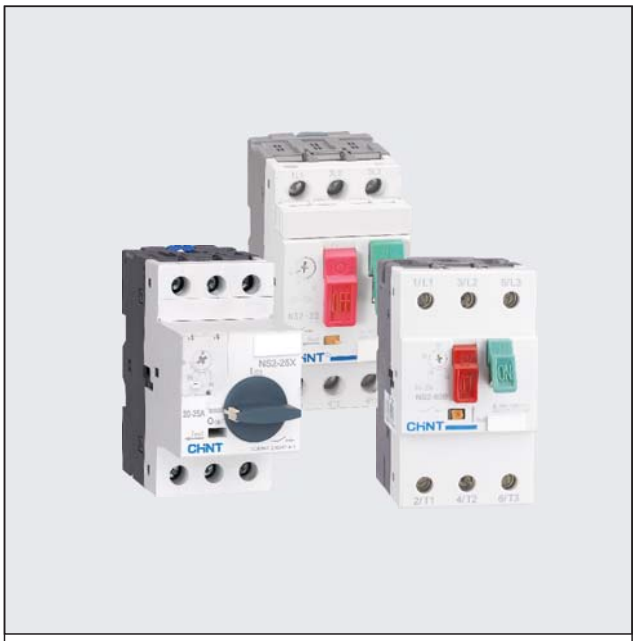

NS2 Manual Motor Starter

1. General

1.1 Certificates: CE, ESC, UkrSEPRO, GOST, RCC, UL;
1.2 Electric ratings: AC690V, 25A, 80A;
1.3 Standard: IEC/EN 60947-2, IEC60947-4-1

2. Type designation

N S 2 - □ □ /□

- Rated current of release
- Code of structural modification
- Frame size rated current (A)
- Design sequence No.
- AC motor starter
- Company code

3. Operating conditions

3.1 Temperature: -5℃～+40℃,
average temperature in 24 hours not exceed +35℃
3.2 Altitude: not exceed 2000m
3.3 Air conditions:
At mounting site, relative humidity not exceed 50% at the max temperature of +40℃, higher relative humidity is allowable under lower temperature,
for example, RH could be 90% at +20℃
3.4 Pollution grade: Grade III
3.5 Release grade:
10A(NS2-25, NS2-25X)
10 (NS2-80B)
3.6 Rated operational system:
Continuous operational system
3.7 Mounting conditions:
The inclination between the mounting plane and the vertical plane shall not exceed 5°
The product shall be installed and operated at a place without obvious shake, impact and vibration.

4. Technical data

4.1 Protection properties

Over-load Protection Properties

Series No.	Multiple of setting current	Initial status	Time		Expected results	Ambient temperature
1	1.05	Cold status	t≥2h		Non-tripping	+20℃±2℃
2	1.20	Heat status (right after test.1)	t<2h		Tripping	+20℃±2℃
3	1.50	Heat status (right after test.1)	Tripping class	10A t<2min 10 t<4min	Tripping	+20℃±2℃
4	7.20	Cold status	Tripping class	10A 2s<t≤10s 10 4s<t≤10s	Tripping	+20℃±2℃

Phase failure protection properties

Series No.	Multiple of setting current		Initial status	Time	Expected results	Ambient temperature
	Any 2 phase	The other phase				
1	1.0	0.9	Cold status	t≥2h	Non-tripping	+20℃±2℃
2	1.15	0	Heat status (right after test.1)	t<2h	Tripping	+20℃±2℃

Temperature compensation properties

Series No.	Multiple of setting current	Initial status	Time	Expected results	Ambient temperature
1	1.0	Cold status	t≥2h	Non-tripping	+40℃±2℃
2	1.2	Heat status (right after test.1)	t<2h	Tripping	+40℃±2℃
3	1.05	Cold status	t≥2h	Non-tripping	-5℃±2℃
4	1.3	Heat status (right after test.3)	t<2h	Tripping	-5℃±2℃

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NS2-80B				
				
690				
230/240, 400/415				
8000				
	16~25	25~40	40~63	56~80
	25	40	63	80
	-	-	-	-
	15	15	15	15
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	7.5	7.5	7.5	7.5
	-	-	-	-
	-	-	-	-
	-	-	-	-
	50	50	50	50
	5.5	11	15	22
	11	18.5	30	40
	11	22	33	45
	-	-	-	-
	-	-	-	-
	-	-	-	-
	327	480	756	960
	★	★	★	★
	★	★	★	★
	250	250	315	315
	315	315	400	400
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	IP2L0	IP2L0	IP2L0	IP2L0

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