

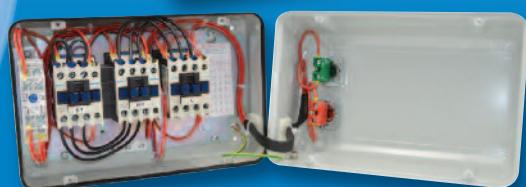
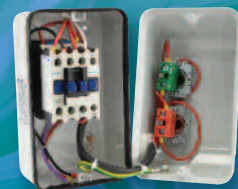
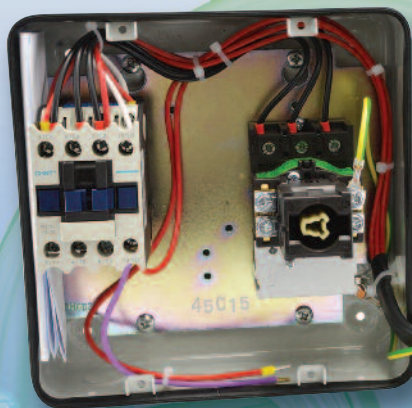
CHINT SHIELD

CHINT EUROPE (UK) LTD



Motor Starters

- Standard ratings from 12A, 6KW to 70A, 40KW
- DOLs, Reversers & Star Deltas, with & without Isolators
- 230V – 415V Control
- Enclosed or mounted to a back plate
- Specials including Stainless Steel cases quoted when required



Chint Shield Motor Starters

With key components, i.e. Contactors, Overloads, 3rd party approved by top quality test houses such as VDE, SEMKO, you can be sure the Starters offered by Chint Shield meet local/UK requirements and will offer **excellent reliability**.

All of the range are supplied with metal bases, the smaller DOL ranges with plastic lids. A key strategy when introducing these products has been availability, realising that “Breakdowns” and an urgent requirement to get equipment back in to service is often a key customer requirement.

- Standard ratings from 12A, 6KW to 70A, 40KW
- With and without Isolators
- 230V – 415V Control
- Enclosed or assembled to a Backplate
- All metal boards finished to RAL 7035 light grey
- Overload Relays listed on back cover

CHNT DOL STARTERS WITHOUT ISOLATORS



- Metal base
- Plastic cover
- IP55

5.5KW Max. Enclosed DOL Starter (no Isolator)

CAT. NO.		DESCRIPTION		
NQ3-5.5P-110V		110V Control Circuit		
NQ3-5.5P-240V		240V Control Circuit		
NQ3-5.5P-415V		415V Control Circuit		
MOTOR KW	MOTOR FLC @240V	REQ'D O/LOAD RELAY @240V	MOTOR FLC @415V	REQ'D O/LOAD RELAY @415V
1.5KW	5.8A	NR2-25-6	3.4A	NR2-25-4
2.2KW	8.7A	NR2-25-10	5A	NR2-25-6
3.0KW	11A	NR2-25-13	6.5A	NR2-25-8
3.7KW	13A	NR2-25-18	8A	NR2-25-10
4.0KW	14A	NR2-25-18	8A	NR2-25-10
5.5KW	19A	NR2-25-25	11A	NR2-25-13

Overloads sold separately

11KW Max. Enclosed DOL Starter (no Isolator)

CAT. NO.		DESCRIPTION		
NQ3-11P-110V		110V Control Circuit		
NQ3-11P-240V		240V Control Circuit		
NQ3-11P-415V		415V Control Circuit		
MOTOR KW	MOTOR FLC @240V	REQ'D O/LOAD RELAY @240V	MOTOR FLC @415V	REQ'D O/LOAD RELAY @415V
7.5KW	25A	NR2-25-25	15A	NR2-25-18
9.3KW	32A	NR2-36-32	18A	NR2-25-25
10KW	34A	NR2-36-36	20A	NR2-25-25
11KW	37A	NR2-36-36	22A	NR2-25-25

Overloads sold separately

SHELD DOL STARTERS WITHOUT ISOLATOR



- Metal clad
- IP55

7.5KW Max. Enclosed DOL Starter (no Isolator)

CAT. NO.		DESCRIPTION		
SQ3-7.5P-240V		240V Control Circuit		
SQ3-7.5P-415V		415V Control Circuit		
MOTOR KW	MOTOR FLC @240V	REQ'D O/LOAD RELAY @240V	MOTOR FLC @415V	REQ'D O/LOAD RELAY @415V
1.5KW	5.8A	NR2-25-6	3.4A	NR2-25-4
2.2KW	8.7A	NR2-25-10	5A	NR2-25-6
3.0KW	11A	NR2-25-13	6.5A	NR2-25-8
3.7KW	13A	NR2-25-18	8A	NR2-25-10
4.0KW	14A	NR2-25-18	8A	NR2-25-10
5.5KW	19A	NR2-25-25	11A	NR2-25-13
7.5KW	25A	NR2-25-25	15A	NR2-25-18

Overloads sold separately

SHELD DOL STARTERS WITH ISOLATOR



- Metal clad
- IP55

7.5KW Max. Enclosed DOL Starter (with Isolator)

CAT. NO.		DESCRIPTION		
SQ4-7.5P/IS-240V		240V Control Circuit		
SQ4-7.5P/IS-415V		415V Control Circuit		
MOTOR KW	MOTOR FLC @240V	REQ'D O/LOAD RELAY @240V	MOTOR FLC @415V	REQ'D O/LOAD RELAY @415V
1.5KW	5.8A	NR2-25-6	3.4A	NR2-25-4
2.2KW	8.7A	NR2-25-10	5A	NR2-25-6
3.0KW	11A	NR2-25-13	6.5A	NR2-25-8
3.7KW	13A	NR2-25-18	8A	NR2-25-10
4.0KW	14A	NR2-25-18	8A	NR2-25-10
5.5KW	19A	NR2-25-25	11A	NR2-25-13
7.5KW	25A	NR2-25-25	15A	NR2-25-18

Overloads sold separately

SHELD DOL REVERSING STARTERS WITHOUT ISOLATOR



- Metal clad
- IP55

7.5KW Max. Enclosed DOL Reversing Starter (no Isolator)

CAT. NO.	DESCRIPTION	
SQ4-7.5P-DR-415V	415V Control Circuit	
MOTOR KW	MOTOR FLC	REQ'D O/LOAD
1.5KW	3.4A	NR2-25-4
2.2KW	5A	NR2-25-6
3.0KW	6.5A	NR2-25-8
3.7KW	8A	NR2-25-10
4.0KW	8A	NR2-25-10
5.5KW	11A	NR2-25-13
7.5KW	15A	NR2-25-18

Overloads sold separately

SHELD DOL REVERSING STARTERS WITH ISOLATOR



- Metal clad
- IP55

7.5KW Max. Enclosed DOL Reversing Starter (with Isolator)

CAT. NO.	DESCRIPTION	
SQ4-7.5P/IS-DR-415V	415V Control Circuit	
MOTOR KW	MOTOR FLC	REQ'D O/LOAD
1.5KW	3.4A	NR2-25-4
2.2KW	5A	NR2-25-6
3.0KW	6.5A	NR2-25-8
3.7KW	8A	NR2-25-10
4.0KW	8A	NR2-25-10
5.5KW	11A	NR2-25-13
7.5KW	15A	NR2-25-18

Overloads sold separately

Chint Shield Star Delta Starters*

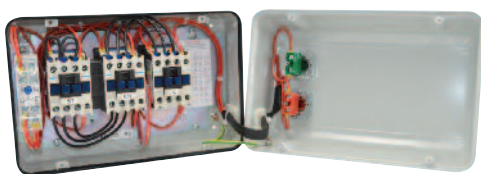
Available in standard ratings from 12A, 6KW to 70A, 40KW with or without Isolators.

- IP55 Protection (subject to correct installation)
- RAL 7035 light grey finished pressed steel enclosures
- Electronic Control Circuit Timer
- 230V, 50HZ, alternatively 400V, 50HZ Control Circuits
- The above are standard ratings. For alternatives, i.e. Higher ratings, back plate only assemblies please call Chint on 0161 762 9333

* All SHIELD branded Starters are manufactured in the UK



SHIELD 240V STAR DELTA STARTERS WITHOUT ISOLATOR



- Metal clad
- IP55

240V, 50/60Hz Control Circuit. Enclosed Star Delta (no Isolator)

CAT. NO.		DESCRIPTION	
SQ4-11P-SD-240V		Max. 11KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
4.0KW	8A	4.6A	NR2-25-6
5.5KW	11A	6.4A	NR2-25-8
7.5KW	15A	8.7A	NR2-25-10
9.3KW	18A	10.4A	NR2-25-13
10KW	20A	11.6A	NR2-25-13
11KW	22A	12.8A	NR2-25-18

SQ4-15P-SD-240V		Max. 15KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
15KW	28A	16.2A	NR2-25-18

SQ4-22P-SD-240V		Max. 22KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
18KW	36A	20.9A	NR2-25-25
22KW	39A	22.6A	NR2-25-25

SQ4-30P-SD-240V		Max. 30KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
30KW	52A	30.2A	NR2-36-32

Overloads sold separately

SHELD 240V STAR DELTA STARTERS WITH ISOLATOR



- Metal clad
- IP55

240V, 50/60Hz Control Circuit. Enclosed Star Delta (w/ Isolator)

CAT. NO.		DESCRIPTION	
SQ4-11P/IS-SD-240V		Max. 11KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
4.0KW	8A	4.6A	NR2-25-6
5.5KW	11A	6.4A	NR2-25-8
7.5KW	15A	8.7A	NR2-25-10
9.3KW	18A	10.4A	NR2-25-13
10KW	20A	11.6A	NR2-25-13
11KW	22A	12.8A	NR2-25-18

SQ4-15P/IS-SD-240V		Max. 15KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
15KW	28A	16.2A	NR2-25-18

SQ4-22P/IS-SD-240V		Max. 22KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
18KW	36A	20.9A	NR2-25-25
22KW	39A	22.6A	NR2-25-25

SQ4-30P/IS-SD-240V		Max. 30KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
30KW	52A	30.2A	NR2-36-32

Overloads sold separately

SHELD 415V STAR DELTA STARTERS WITHOUT ISOLATOR



- Metal clad
- IP55

415V, 50/60Hz Control Circuit. Enclosed Star Delta (no Isolator)

CAT. NO.		DESCRIPTION	
SQ4-11P-SD-415V		Max. 11KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
4.0KW	8A	4.6A	NR2-25-6
5.5KW	11A	6.4A	NR2-25-8
7.5KW	15A	8.7A	NR2-25-10
9.3KW	18A	10.4A	NR2-25-13
10KW	20A	11.6A	NR2-25-13
11KW	22A	12.8A	NR2-25-18

SQ4-15P-SD-415V		Max. 15KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
15KW	28A	16.2A	NR2-25-18

SQ4-22P-SD-415V		Max. 22KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
18KW	36A	20.9A	NR2-25-25
22KW	39A	22.6A	NR2-25-25

SQ4-30P-SD-415V		Max. 30KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
30KW	52A	30.2A	NR2-36-32

Overloads sold separately

SHELD 415V STAR DELTA STARTERS WITH ISOLATOR



- Metal clad
- IP55

415V, 50/60Hz Control Circuit. Enclosed Star Delta (w/ Isolator)

CAT. NO.		DESCRIPTION	
SQ4-11P/IS-SD-415V		Max. 11KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
4.0KW	8A	4.6A	NR2-25-6
5.5KW	11A	6.4A	NR2-25-8
7.5KW	15A	8.7A	NR2-25-10
9.3KW	18A	10.4A	NR2-25-13
10KW	20A	11.6A	NR2-25-13
11KW	22A	12.8A	NR2-25-18

SQ4-15P/IS-SD-415V		DESCRIPTION	
SQ4-15P/IS-SD-415V		Max. 15KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
15KW	28A	16.2A	NR2-25-18

SQ4-22P/IS-SD-415V		DESCRIPTION	
SQ4-22P/IS-SD-415V		Max. 22KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
18KW	36A	20.9A	NR2-25-25
22KW	39A	22.6A	NR2-25-25

SQ4-30P/IS-SD-415V		DESCRIPTION	
SQ4-30P/IS-SD-415V		Max. 30KW	
MOTOR KW	MOTOR FLC	DELTA LOOP CURRENT	REQ'D O/LOAD
30KW	52A	30.2A	NR2-36-32

Overloads sold separately

SHELD IP55 EMPTY ENCLOSURES



IP55 Empty Enclosures

CAT. NO.	DIMENSIONS (mm)
ENC-1710/130	174 x 104 x 134 with Din Rail
ENC-1818/140	184 x 184 x 149 with Chassis
ENC-3028/150	305 x 285 x 159 with Chassis

- Steel sheet enclosures
- IP55

Overloads sold separately

THERMAL OVERLOAD RELAYS



NR2-11.5



NR2-25



NR2-36



NR2-93

Thermal Overload Relays for the NC1 Series

DESCRIPTION	FRAME SIZE	CAT. NO.
0.10A - 0.16A	NR2-25	NR2-25-0.16
0.16A - 0.25A	NR2-25	NR2-25-0.25
0.25A - 0.40A	NR2-25	NR2-25-0.40
0.50A - 0.63A	NR2-25	NR2-25-0.63
0.63A - 1.00A	NR2-25	NR2-25-1.00
1.00A - 1.60A	NR2-25	NR2-25-1.60
1.25A - 2.00A	NR2-25	NR2-25-2
1.60A - 2.50A	NR2-25	NR2-25-2.5
2.50A - 4.00A	NR2-25	NR2-25-4
4.00A - 6.00A	NR2-25	NR2-25-6
5.50A - 8.00A	NR2-25	NR2-25-8
7.00A - 10.0A	NR2-25	NR2-25-10
9.00A - 13.0A	NR2-25	NR2-25-13
12.0A - 18.0A	NR2-25	NR2-25-18
17.0A - 25.0A	NR2-25	NR2-25-25
25.0A - 32.0A	NR2-36	NR2-36-32
28.0A - 36.0A	NR2-36	NR2-36-36
30.0A - 40.0A	NR2-93	NR2-93-40
37.0A - 50.0A	NR2-93	NR2-93-50
48.0A - 65.0A	NR2-93	NR2-93-65
55.0A - 70.0A	NR2-93	NR2-93-70
63.0A - 80.0A	NR2-93	NR2-93-80
80.0A - 93.0A	NR2-93	NR2-93-93

AVAILABLE FROM YOUR LOCAL STOCKIST:

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