



WITH OVER 40 YEARS OF EXPERIENCE MANUFACTURING
HIGH QUALITY ELECTRIC MOTORS AND MOTOR CONTROLS
WE NOW OFFER -

4 KW TO 11 KW

“ECO” RANGE OF DOL STARTERS

Manufactured to the highest standards by **TECO**



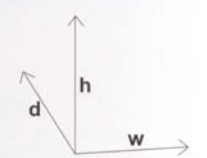

- T**hermal overload fitted as standard
- E**xtra N/O and N/C contacts
- C**omplete with Manual or Auto reset capability
- O**verload and phase protection

FEATURES:- (stock starters)

- IP65 plastic enclosure
- AC3 (Induction motor starting) rating
- 415 Volt 50 Hz 3 phase, coils rated 415 Volt
- CE marked
- Gland entry knockout 20 mm x 2, top and bottom
- Other voltages and single phase available on request

A.C. DIRECT ON LINE STARTERS

with IP 65 plastic enclosure

| Catalog number | | HNF□-9 | | | HNF□-11 | | | HNF□-16 | | | HNF□-18 | | | | | |
|--|---------------------|---|------|------|---------|------|------|---------|------|------|-------------------------|------|-----|---------------|--|--|
|  <p>Dimensions (w x h x d mm)</p> | |  | | | | | | | | | 90 x184 x113 | | | 100 x194 x123 | | |
| | | | | | | | | | | | Magnetic contactor used | | | CN-9 | | |
| Thermal overload relay used | | RHN-10 | | | RHN-10 | | | RHN-10 | | | RHN-10 | | | | | |
| AC2 & AC3 (50/60Hz) Power Rating Complying with IEC 60947-4-1 | Single phase | 110V | 10.5 | 0.55 | 0.75 | 10.5 | 0.55 | 0.75 | 13.5 | 0.75 | 1 | 19.5 | 1.1 | 1.5 | | |
| | | 220V | 10.5 | 1.1 | 1.5 | 10.5 | 1.1 | 1.5 | 14 | 1.5 | 2 | 20.5 | 2.2 | 3 | | |
| | | 380/400V | 11.5 | 2.5 | 3.5 | 12 | 3 | 4 | 16 | 4 | 5.5 | 23 | 5.5 | 7.5 | | |
| | Three phase | 415V | 11 | 4 | 5.5 | 12 | 5.5 | 7.5 | 16 | 7.5 | 10 | 22 | 11 | 15 | | |
| | | 440V | 10 | 4 | 5.5 | 11 | 5.5 | 7.5 | 15 | 7.5 | 10 | 21 | 11 | 15 | | |
| | | 500V | 9 | 4 | 5.5 | 11 | 5.5 | 7.5 | 15 | 7.5 | 10 | 21 | 11 | 15 | | |
| | | 660/690V | 8 | 4 | 5.5 | 9 | 5.5 | 7.5 | 13 | 7.5 | 10 | 19 | 11 | 15 | | |
| Instantaneous auxiliary contacts | | 1 N/O | | | 1 N/O | | | 1 N/O | | | 1 N/O 1 N/C | | | | | |
| Weight (kg) | | 0.85 | | | 0.85 | | | 0.85 | | | 0.95 | | | | | |

Note : □ : B/ with 1 start and 1 stop/reset push buttons. R/ with only 1 stop/reset push button. Blank/ without any push button.

TECO Australia Pty. Ltd.

Head Office: 335-337 Woodpark Road, Smithfield, NSW 2164
 Brisbane Office: 50 Murdoch Circuit, Acacia Ridge, QLD 4110
 Melbourne Office: 16 Longstaff Road, Bayswater, VIC 3153
 Perth Office: 28 Belgravia Street, Belmont, WA 6104

Ph: (02) 9765 8118 Fax: (02) 9604 9330
 Ph: (07) 3373 9600 Fax: (07) 3373 9699
 Ph: (03) 9720 4411 Fax: (03) 9720 5355
 Ph: (08) 9479 4879 Fax: (08) 9478 3876

TECO New Zealand Ltd.

Unit 3, 477 Great South Road, Penrose, Auckland

Ph: (64) 9 526 8480 Fax: (64) 9 526 8484

Distributed by -



HNF-042004