



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**



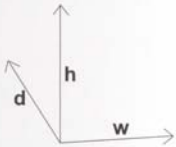

- T**hermal overload fitted as standard
- E**xtra N/O and N/C contacts
- C**omplete with Manual or Auto reset capability
- O**verload and phase protection

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)		A			A			A			A					
Power Rating		KW			KW			KW			KW					
Complying with IEC 60947-4-1		HP			HP			HP			HP					
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			
	220/230V	11.5	2.5	3.5	12	3	4	16	4	5.5	23	5.5	7.5			
	380/400V	11	4	5.5	12	5.5	7.5	16	7.5	10	22	11	15			
	415V	10	4	5.5	11	5.5	7.5	15	7.5	10	21	11	15			
	440V	9	4	5.5	11	5.5	7.5	15	7.5	10	21	11	15			
Three phase	500V	8	4	5.5	9	5.5	7.5	13	7.5	10	19	11	15			
	660/690V	6	4	5.5	7	5.5	7.5	10	7.5	10	14	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.

Distributed by -



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