

**E&A ENGINEERING SOLUTIONS PVT LTD**

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Add:- PLOT NO. 2, MUP-2, HABIBPUR, ECOTECH-III, GREATER NOIDA WEST, UP-201306

ECONOMICAL HVAC STARTER RANGE- NON TYPE-2 CO-ORDINATION

S.No	Item Description	Unit	Qty	Make
(0.75TO1.1KW) DOL STARTER-1 SET				
1	MCB-10A FP	Nos.	1	LAURITZ KNUDSEN
2	RYB Indication	Nos.	3	LAURITZ KNUDSEN
3	Phase Sequence-UV-OV	Nos.	1	GIC/Minilec equiv
4	Contacto-9Amps TP, AC3 CONT MOTOR DUTY	Nos.	1	LAURITZ KNUDSEN
5	OLR-1.4-2.3	Nos.	1	LAURITZ KNUDSEN
6	On/Trip Indication	Nos.	2	LAURITZ KNUDSEN
7	Control MCB SP 6A	Nos.	3	LAURITZ KNUDSEN
8	Push Button start/stop	Nos.	2	LAURITZ KNUDSEN
9	Adon Block FOR holding and status	Nos.	1	Kaycee/Schneider/LAURITZ KNUDSEN
10	Selector Switch AUTO/MANUAL	Nos.	1	LAURITZ KNUDSEN
11	Wiring with FR wire, terminals, thimbles and labor	Nos.	1	LAPP/POLYCAB/FINOLEX
12	PVC DUCT with dressing	Nos.	1	Trinity/Connectwell/Phoenix
13	Terminals	Nos.	10	ELMEX/C.WELL EQ
14	Panel Enclosure in 16swg sheet thickness having IP-55 indoor type rating with power section incomer and control section for pump switchgear in single housing, single door wall mounting front access panel with single mounting plate in 1.6mm and body earth terminals with a door swing of 90degree and upto maximum of 120 degrees, size of the panel 400(H)X400(W)X210(D)	Nos.	1	E&A CPRI Complied
	Rs11,000.00			
1.5KW DOL STARTER-11 SET				
1	MCB-16A FP	Nos.	1	LAURITZ KNUDSEN
2	RYB Indication	Nos.	3	LAURITZ KNUDSEN
3	Phase Sequence-UV-OV	Nos.	1	GIC/Minilec equiv
4	Contacto-9Amps TP, AC3 CONT MOTOR DUTY	Nos.	1	LAURITZ KNUDSEN
5	OLR-3-5	Nos.	1	LAURITZ KNUDSEN
6	Control MCB SP 6A	Nos.	3	LAURITZ KNUDSEN
7	On/Trip Indication	Nos.	2	LAURITZ KNUDSEN
8	Push Button start/stop	Nos.	2	LAURITZ KNUDSEN
9	Adon Block FOR holding and status	Nos.	1	Kaycee/Schneider/LAURITZ KNUDSEN
10	Selector Switch AUTO/MANUAL	Nos.	1	LAURITZ KNUDSEN
11	Wiring with FR wire, terminals, thimbles and labor	Nos.	1	LAPP/POLYCAB/FINOLEX
12	PVC DUCT with dressing	Nos.	1	Trinity/Connectwell/Phoenix
13	Terminals	Nos.	10	ELMEX/C.WELL EQ
14	Panel Enclosure in 16swg sheet thickness having IP-55 indoor type rating with power section incomer and control section for pump switchgear in single housing, single door wall mounting front access panel with single mounting plate in 1.6mm and body earth terminals with a door swing of 90degree and upto maximum of 120 degrees, size of the panel 400(H)X400(W)X210(D)	Nos.	1	E&A CPRI Complied
	Rs11,000.00			
2.2KW DOL STARTER-12 SET				
1	MCB-16A FP	Nos.	1	LAURITZ KNUDSEN
2	RYB Indication	Nos.	3	LAURITZ KNUDSEN
3	Phase Sequence-UV-OV	Nos.	1	GIC/Minilec equiv
4	Contacto-9Amps TP, AC3 CONT MOTOR DUTY	Nos.	1	LAURITZ KNUDSEN
5	OLR-4.5-7.5	Nos.	1	LAURITZ KNUDSEN
6	Control MCB SP 6A	Nos.	3	LAURITZ KNUDSEN
7	On/Trip Indication	Nos.	2	LAURITZ KNUDSEN
8	Push Button start/stop	Nos.	2	LAURITZ KNUDSEN
9	Adon Block FOR holding and status	Nos.	1	Kaycee/Schneider/LAURITZ KNUDSEN
10	Selector Switch AUTO/MANUAL	Nos.	1	LAURITZ KNUDSEN
11	Wiring with FR wire, terminals, thimbles and labor	Nos.	1	LAPP/POLYCAB/FINOLEX
12	Terminals	Nos.	10	ELMEX/C.WELL EQ
13	PVC DUCT with dressing	Nos.	1	Trinity/Connectwell/Phoenix
14	Panel Enclosure in 16swg sheet thickness having IP-55 indoor type rating with power section incomer and control section for pump switchgear in single housing, single door wall mounting front access panel with single mounting plate in 1.6mm and body earth terminals with a door swing of 90degree and upto maximum of 120 degrees, size of the panel 400(H)X400(W)X210(D)	Nos.	1	E&A CPRI Complied
	Rs11,500.00			

	3.7KW DOL STARTER			
1	MCB-16A FP	Nos.	1	LAURITZ KNUDSEN
2	RYB Indication	Nos.	3	LAURITZ KNUDSEN
3	Phase Sequence-UV-OV	Nos.	1	GIC/Minilec equiv
4	Contactor-18Amps TP, AC3 CONT MOTOR DUTY	Nos.	1	LAURITZ KNUDSEN
5	OLR- 4.5-7.5	Nos.	1	LAURITZ KNUDSEN
6	Control MCB SP 6A	Nos.	3	LAURITZ KNUDSEN
7	On/Trip Indication	Nos.	2	LAURITZ KNUDSEN
8	Push Button start/stop	Nos.	2	LAURITZ KNUDSEN/Siemens
9	Adon Block FOR holding and status	Nos.	1	LAURITZ KNUDSEN
10	Selector Switch AUTO/MANUAL	Nos.	1	Kaycee/Schneider/LAURITZ KNUDSEN
11	Wiring with FR wire, terminals, thimbles and labor	Nos.	1	Polycab/Lapp/Finolex
12	PVC DUCT with dressing	Nos.	1	Trinity/Connectwell/Phoenix
13	Terminals	Nos.	10	ELMEX/C.WELL EQ
14	Panel Enclosure in 16swg sheet thickness having IP-55 indoor type rating with power section incomer and control section for pump switchgear in single housing, single door wall mounting front access panel with single mounting plate in 1.6mm and body earth terminals with a door swing of 90degree and upto maximum of 120 degrees, size of the panel 400(H)X400(W)X210(D)	Nos.	1	E&A CPRI Complied
	Rs12,500.00			
S.No	Item Description	Unit	Qty	Make
	5.5KW-1NO.S DOL STARTER			
1	MCB-25A FP WITH S/C PROT ONLY	Nos.	1	LAURITZ KNUDSEN
2	MCB SP 6A FOR RYB INDICATION	Nos.	3	LAURITZ KNUDSEN
3	RYB Indication	Nos.	3	GIC/Minilec equiv
4	Contactor-25Amps TP, AC3 CONT MOTOR DUTY	Nos.	1	LAURITZ KNUDSEN
5	Phase Sequence-UV-OV	Nos.	1	LAURITZ KNUDSEN
6	OLR RELAY	Nos.	1	LAURITZ KNUDSEN
7	On/TRIP Indication	Nos.	2	LAURITZ KNUDSEN
8	Push Button start/stop	Nos.	2	LAURITZ KNUDSEN/Siemens
9	Adon Block FOR holding and status	Nos.	1	LAURITZ KNUDSEN
10	Selector Switch AUTO/MANUAL	Nos.	1	Kaycee/Schneider/LAURITZ KNUDSEN
11	Wiring with FR wire, terminals, thimbles and labor	Nos.	1	Polycab/Lapp/Finolex
12	PVC DUCT with dressing	Nos.	1	Trinity/Connectwell/Phoenix
13	Terminals	Nos.	10	ELMEX/C.WELL EQ
14	Panel Enclosure in 16swg sheet thickness having IP-65 outdoor type rating with power section incomer and control section for pump switchgear in single housing, single door wall mounting front access panel with single mounting plate in 1.6mm and body earth terminals with a door swing of 90degree and upto maximum of 120 degrees, size of the panel 500(H)X500(W)X210(D)	Nos.	1	E&A CPRI Complied
	Rs14,800			
S.No	Item Description	Unit	Qty	Make
	7.5KW-1NO.S S/D STARTER			
1	MCB-32A FP WITH S/C PROT ONLY	Nos.	1	LAURITZ KNUDSEN
2	MCB SP 6A FOR RYB INDICATION	Nos.	3	LAURITZ KNUDSEN
3	RYB Indication	Nos.	3	LAURITZ KNUDSEN
4	Contactor-9Amps TP, AC3 CONT MOTOR DUTY	Nos.	3	LAURITZ KNUDSEN
5	Phase Sequence-UV-OV	Nos.	1	GIC/Minilec equiv
6	Timer S/D	Nos.	1	GIC/Minilec equiv
7	OLR RELAY 6-10	Nos.	1	LAURITZ KNUDSEN
8	On/TRIP Indication	Nos.	2	LAURITZ KNUDSEN
9	Push Button start/stop	Nos.	2	LAURITZ KNUDSEN/Siemens
10	Adon Block FOR holding and status	Nos.	3	LAURITZ KNUDSEN
11	Selector Switch AUTO/MANUAL	Nos.	1	Kaycee/Schneider/LAURITZ KNUDSEN
12	Wiring with FR wire, terminals, thimbles and labor	Nos.	1	Polycab/Lapp/Finolex
13	PVC DUCT with dressing	Nos.	1	Trinity/Connectwell/Phoenix
14	Terminals	Nos.	10	ELMEX/C.WELL EQ
15	Panel Enclosure in 16swg sheet thickness having IP-65 outdoor type rating with power section incomer and control section for pump switchgear in single housing, single door wall mounting front access panel with single mounting plate in 1.6mm and body earth terminals with a door swing of 90degree and upto maximum of 120 degrees, size of the panel 600(H)X600(W)X210(D)	Nos.	1	E&A CPRI Complied
	Rs17,800			

S.No	Item Description	Unit	Qty	Make
11KW-1NO.S S/D STARTER				
1	MCCB-63A FP WITH S/C PROT ONLY AND EXTENDED HANDLE ONLY	Nos.	1	LAURITZ KNUDSEN
2	MCB SP 6A FOR RYB INDICATION	Nos.	3	LAURITZ KNUDSEN
3	RYB Indication	Nos.	3	LAURITZ KNUDSEN
4	Contactor-12Amps TP, AC3 CONT MOTOR DUTY	Nos.	3	LAURITZ KNUDSEN
5	Phase Sequence-UV-OV	Nos.	1	GIC/Minilec equiv
6	Timer S/D	Nos.	1	GIC/Minilec equiv
7	OLR RELAY 9-15	Nos.	1	LAURITZ KNUDSEN
8	On/TRIP Indication	Nos.	2	LAURITZ KNUDSEN
9	Push Button start/stop	Nos.	2	LAURITZ KNUDSEN/Siemens
10	Adon Block FOR holding and status	Nos.	3	LAURITZ KNUDSEN
11	Selector Switch AUTO/MANUAL	Nos.	1	Kaycee/Schneider/LAURITZ KNUDSEN
12	Wiring with FR wire, terminals, thimbles and labor	Nos.	1	Polycab/Lapp/Finolex
13	PVC DUCT with dressing	Nos.	1	Trinity/Connectwell/Phoenix
14	Terminals	Nos.	10	ELMEX/C.WELL EQ
15	Panel Enclosure in 16swg sheet thickness having IP-65 outdoor type rating with power section incomer and control section for pump switchgear in single housing, single door wall mounting front access panel with single mounting plate in 1.6mm and body earth terminals with a door swing of 90degree and upto maximum of 120 degrees, size of the panel 600(H)X600(W)X210(D)	Nos.	1	E&A CPRI Complied
	Rs16,800			
S.No	Item Description	Unit	Qty	Make
15KW-1NO.S S/D STARTER				
1	MCCB-63A FP WITH S/C PROT ONLY AND EXTENDED HANDLE ONLY	Nos.	1	LAURITZ KNUDSEN
2	MCB SP 6A FOR RYB INDICATION	Nos.	3	LAURITZ KNUDSEN
3	RYB Indication	Nos.	3	LAURITZ KNUDSEN
4	Contactor-22Amps TP, AC3 CONT MOTOR DUTY	Nos.	3	LAURITZ KNUDSEN
5	Phase Sequence-UV-OV	Nos.	1	GIC/Minilec equiv
6	Timer S/D	Nos.	1	GIC/Minilec equiv
7	OLR RELAY 14-23	Nos.	1	LAURITZ KNUDSEN
8	On/TRIP Indication	Nos.	2	LAURITZ KNUDSEN
9	Push Button start/stop	Nos.	2	LAURITZ KNUDSEN/Siemens
10	Adon Block FOR holding and status	Nos.	3	LAURITZ KNUDSEN
11	Selector Switch AUTO/MANUAL	Nos.	1	Kaycee/Schneider/LAURITZ KNUDSEN
12	Wiring with FR wire, terminals, thimbles and labor	Nos.	1	Polycab/Lapp/Finolex
13	PVC DUCT with dressing	Nos.	1	Trinity/Connectwell/Phoenix
14	Terminals	Nos.	10	ELMEX/C.WELL EQ
15	CT 60/5	Nos.	3	AE/ASIAN/MATRIX EQ
16	METER	Nos.	1	LAURITZ KNUDSEN
17	RELAY 14PIN	Nos.	2	OMRON/SCHNEIDER EQ
18	Panel Enclosure in 16swg sheet thickness having IP-65 outdoor type rating with power section incomer and control section for pump switchgear in single housing, single door wall mounting front access panel with single mounting plate in 1.6mm and body earth terminals with a door swing of 90degree and upto maximum of 120 degrees, size of the panel 600(H)X600(W)X210(D)	Nos.	1	E&A CPRI Complied
	Rs24,800			
OPTIONAL ACCESSORIES price on request				
1	V-A METER(analog) +CT upto 32Amps only+CT Terminals	Nos.	1	LAURITZ KNUDSEN
2	Relay for fire integration	Nos.	1	Omron/Phoenix/schneider EQ
3	Door interlock for AHU	Nos.	1	Omron/Phoenix/schneider EQ
4	Remote BMS Operation of panel	Nos.	1	Omron/Phoenix/schneider EQ
5	Pump interlocking	Nos.	1	Omron/Phoenix/schneider EQ
NOTE:- WARRANTY WILL BE THROUGH E&A ONLY.				