

CONTROL PANEL

AUTO TRANSFORMER CONTROL PANEL (ATS)



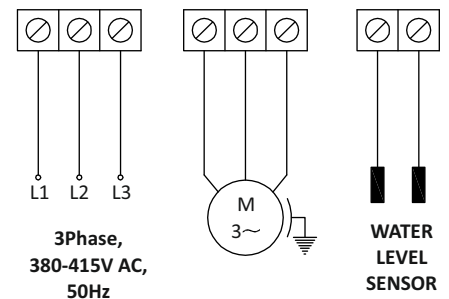
Features :

- Electro mechanic Control Panel Auto Transformer Start
- Power Supply 3~50Hz, 380~415V AC+/- 10%
- Short Circuit and Over Current protection (MCB/MCCB)
- Overload protection
- Phase failure protection
- Air cooled Auto Transformer with 60%, 70% & 80% tappings
- Water level controller with dry run protection
- Contactors with thermal overload relay resetable
- Electronic timer with master timer
- Control Fuse
- Volt meter, Ammeter, Indicating lamps (R,Y,B, trip)
- Dust proof metal enclosure IP 44 with high quality finishing

BILLS OF MATERIAL

Sr. No	Tag No.	Description	Qty.
*1	Q1	Mains Isolator-MCB/MCCB	1
2	F1..F3	Control Fuse	3
3	V	Analogue Voltmeter	1
4	VSS	Volt Selector Switch	1
*5	A	Analogue Ammeter	1
6	ASS	Ampear Selector Switch	1
7	CT1..CT3	Current Transformers	3
8	L1..L5	R/Y/B - Phase, ON & TRIP LED Indicating Lamp	5
9	K1..K3	Main/Run/Star Power Contactors	3
10	OL	Thermal Overload Relay	1
11	T1..T2	Analogue Master Timer & ATS Timer	2
12	ATS	Air cooled Auto Tranformer-with 60%, 70%, 80% Tapping	1
13	PB1/PB2	START/STOP Push button	2
14	SPP/WLG	Single Phasing Preventor & Water Level Guard	1
15	X	Power Terminal Connectors for Incoming & Motor	6
16	X	Control Terminal Connectors for Water Level Probe	2
17	CAB	Single Core Flexible Cu.Cables for Power & Control wiring	-

TERMINAL CONNECTION DIAGRAM



*1 - Mains Isolator : MCB - up to 30hp Starter & MCCB - 40hp & above

TECHNICAL DATA AND MODEL ORDERING INFORMATION

AUTO TRANSFORMER STARTER - 3Phase, 380-415V AC, 50Hz (ALSO AVAILABLE IN 60HZ ON REQUEST)									
Model	RATING		CURRENT(A)		WEIGHT(KG)		ENCLOSURE DIMENSION (MM)		
	HP	KW	MIN.	MAX.	NET	GROSS	W	H	D
SPA025	25.0	18.5	32	45	80	150	600	1000	300
SPA030	30.0	22.0	40	50	90	160	600	1000	300
SPA035	35.0	26.0	50	60	105	195	600	1200	350
SPA040	40.0	30.0	57	65	105	195	600	1200	350
SPA050	50.0	37.0	70	80	115	205	600	1200	350
SPA060	60.0	45.0	85	95	130	225	600	1250	350
SPA075	75.0	55.0	95	120	145	240	600	1250	350
SPA090	90.0	66.0	115	145	165	290	600	1400	550
SPA100	100.0	75.0	115	160	165	290	600	1400	550
SPA125	125.0	90.0	160	200	195	320	600	1400	550
SPA150	150.0	110.0	160	230	210	335	600	1450	550

ISO CERTIFICATS

ZERTIFIKAT ♦ CERTIFICATE ♦ 認證證書 ♦ CERTIFICADO ♦ CERTIFICAT



CERTIFICATE

The Certification Body
 of TÜV SÜD South Asia Private Limited
 certifies that



LUBI ELECTRONICS
 Sardar Patel Ring Road,
 Near Bright School, Nana Chiloda,
 Dist. - Gandhinagar - 382 325, Gujarat, India

has established
 and applies a Quality Management System for
**Design, Manufacture, Sales & Service of Control Panel
 and Electronic Goods. Distribution, Application and
 after Sales Service of Industrial Automation Products**

An audit was performed, Report No. 20053964
 Proof has been furnished that the requirements according to
ISO 9001 : 2008
 are fulfilled. The certificate is **Valid until 2014-01-16**
 Subject to successful completion of the **Annual Audit before 2011-12-25**
The present status of this Certificate can be obtained on www.tuv-sud.in
 Further clarifications regarding the scope of this certificate and the applicability of
 ISO 9001:2008 requirements may be obtained by consulting the certification body

Certificate Registration No. **99 100 03470**
 Mumbai
 Effective Date: **2011-02-04**








Certification Body
 of TÜV SÜD South Asia Private Limited
 Member of TÜV SÜD Group

Address: Off Saki Vihar Road • Saki Naka • Andheri (East) • Mumbai - 400072 **TUV®**



Lubi Electronics

Gaining Speed through Industrial Automation

Sardar Patel Ring Road, Near Bright School, Nana Chiloda, Ahmedabad. Dist. : Gandhinagar - 382 325.

Tel. : +91-79-3984 5300 Fax : +91-79-3984 5599 • E-mail : info@lubielelectronics.com • Website : www.lubielelectronics.com