

★ FxA Series

Electronic control panels with variable frequency drive to control up to 4 three-phase motors with advanced features.

- ◇ Operating and monitoring the system from remote location with using 3G / WI-FI App Module
- ◇ Easy and quick set-up features with navigation buttons and readable LCD display
- ◇ Factory equipped with motor circuit protection breaker, Isolating switch with door locking system
- ◇ Different types of connections to start and stop motor such as; flow switch, pressure switches/ sensors, temperature sensors, etc.
- ◇ Smart solutions for applications such as;

Booster Pumps

Wastewater Pumps (Submersible or surface pumps)

Irrigation Pumps

HVAC Systems

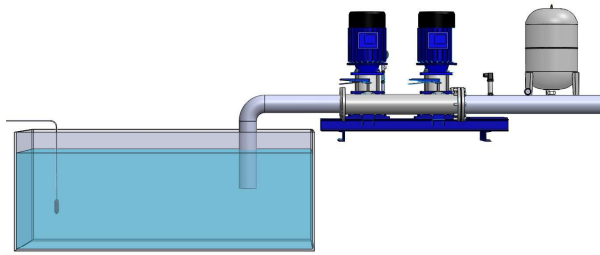
Industrial Pumps



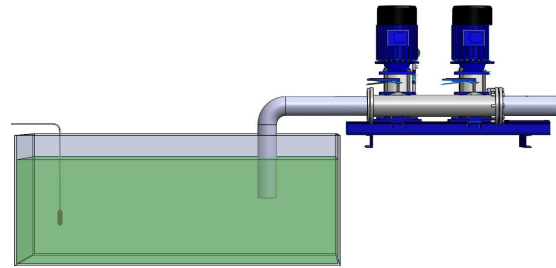
Technical Features

- Metallic / IP 54 Main switch with locking mechanism
- Auto / Manual Switch
- Power supply 3-50/60Hz 400V $\pm$ %10
- Protections and Failures;
 - Motor Overcurrent / Low current (Adjustable)
 - Phase Loss and incorrect sequence
 - Min / Max Voltage (Adjustable)
 - Motor starting time
 - Over Float function
 - Dry running protection
 - Thermal and Magnetic protection
- Dry contact for BMS
- MODBus (RS485)
- Password protection for un-authorized people access.
- USB port for downloading failures, messages, events and alarms with date&time. (Last 500)
- Adjustable weekly test run
- MODBus Connection
- P.I.D Regulation
- Internal Ventilation

Applications



Pressure Transmitter



Floater Control

Technical Data

FxA 1

FxA 1		VOLTAGE		MAX POWER		CURRENT	BOX DIMENSIONS				WEIGHT
	CODE	V-IN	V-OUT	Hp	Range (A)	Max (A)	D	E	G	Material	KG
FxA 1 - 0.75 / Tri	17001	3 - 400	3 - 400	0.75	1	2.5	600	400	260	Metallic	
FxA 1 - 1.1 / Tri	17002	3 - 400	3 - 400	1.1	1.5	3.6	600	400	260	Metallic	
FxA 1 - 1.5 / Tri	17003	3 - 400	3 - 400	1.5	2	4.5	600	400	260	Metallic	
FxA 1 - 2.2 / Tri	17004	3 - 400	3 - 400	2.2	3	6.2	600	400	260	Metallic	
FxA 1 - 3 / Tri	17005	3 - 400	3 - 400	3	4	8	600	400	260	Metallic	
FxA 1 - 4 / Tri	17006	3 - 400	3 - 400	4	5.5	9.7	600	400	260	Metallic	
FxA 1 - 5.5 / Tri	17007	3 - 400	3 - 400	5.5	7.5	13.8	700	500	260	Metallic	
FxA 1 - 7.5 / Tri	17008	3 - 400	3 - 400	7.5	10	17.2	700	500	260	Metallic	
FxA 1 - 11 / Tri	17009	3 - 400	3 - 400	11	15	25.4	700	500	260	Metallic	
FxA 1 - 15 / Tri	17010	3 - 400	3 - 400	15	20	34.1	700	500	260	Metallic	
FxA 1 - 18.5 / Tri	17011	3 - 400	3 - 400	18.5	25	41.8	700	500	260	Metallic	
FxA 1 - 22 / Tri	17012	3 - 400	3 - 400	22	30	48.4	700	500	260	Metallic	

FxA 2

FxA 2		VOLTAGE		MAX POWER		CURRENT	BOX DIMENSIONS				WEIGHT
	CODE	V-IN	V-OUT	Hp	Range (A)	Max (A)	D	E	G	Material	KG
FxA 2 - 0.75 / Tri	17201	3 - 400	3 - 400	0.75	1	2.5	700	500	260	Metallic	
FxA 2 - 1.1 / Tri	17202	3 - 400	3 - 400	1.1	1.5	3.6	700	500	260	Metallic	
FxA 2 - 1.5 / Tri	17203	3 - 400	3 - 400	1.5	2	4.5	700	500	260	Metallic	
FxA 2 - 2.2 / Tri	17204	3 - 400	3 - 400	2.2	3	6.2	700	500	260	Metallic	
FxA 2 - 3 / Tri	17205	3 - 400	3 - 400	3	4	8	700	500	260	Metallic	
FxA 2 - 4 / Tri	17206	3 - 400	3 - 400	4	5.5	9.7	700	500	260	Metallic	
FxA 2 - 5.5 / Tri	17207	3 - 400	3 - 400	5.5	7.5	13.8	700	500	260	Metallic	
FxA 2 - 7.5 / Tri	17208	3 - 400	3 - 400	7.5	10	17.2	700	500	260	Metallic	
FxA 2 - 11 / Tri	17209	3 - 400	3 - 400	11	15	25.4	700	500	260	Metallic	
FxA 2 - 15 / Tri	17210	3 - 400	3 - 400	15	20	34.1	800	600	260	Metallic	
FxA 2 - 18.5 / Tri	17211	3 - 400	3 - 400	18.5	25	41.8	800	600	260	Metallic	
FxA 2 - 22 / Tri	17212	3 - 400	3 - 400	22	30	48.4	800	600	260	Metallic	

FxA 3

FxA 3		VOLTAGE		MAX POWER		CURRENT	BOX DIMENSIONS				WEIGHT
	CODE	V-IN	V-OUT	Hp	Range (A)	Max (A)	D	E	G	Material	KG
FxA 3 - 0.75 / Tri	17301	3 - 400	3 - 400	0.75	1	2.5	800	600	260	Metallic	
FxA 3 - 1.1 / Tri	17302	3 - 400	3 - 400	1.1	1.5	3.6	800	600	260	Metallic	
FxA 3 - 1.5 / Tri	17303	3 - 400	3 - 400	1.5	2	4.5	800	600	260	Metallic	
FxA 3 - 2.2 / Tri	17304	3 - 400	3 - 400	2.2	3	6.2	800	600	260	Metallic	
FxA 3 - 3 / Tri	17305	3 - 400	3 - 400	3	4	8	800	600	260	Metallic	
FxA 3 - 4/ Tri	17306	3 - 400	3 - 400	4	5.5	9.7	800	600	260	Metallic	
FxA 3 - 5.5 / Tri	17307	3 - 400	3 - 400	5.5	7.5	13.8	1000	700	320	Metallic	
FxA 3 - 7.5 / Tri	17308	3 - 400	3 - 400	7.5	10	17.2	1000	700	320	Metallic	
FxA 3 - 11 / Tri	17309	3 - 400	3 - 400	11	15	25.4	1000	700	320	Metallic	
FxA 3 - 15 / Tri	17310	3 - 400	3 - 400	15	20	34.1	1300	900	340	Metallic	
FxA 3 - 18.5 / Tri	17311	3 - 400	3 - 400	18.5	25	41.8	1300	900	340	Metallic	
FxA 3 - 22 / Tri	17312	3 - 400	3 - 400	22	30	48.4	1300	900	340	Metallic	

FxA 4

FxA 4		VOLTAGE		MAX POWER		CURRENT	BOX DIMENSIONS				WEIGHT
	CODE	V-IN	V-OUT	Hp	Range (A)	Max (A)	D	E	G	Material	KG
FxA 4 - 0.75 / Tri	17401	3 - 400	3 - 400	0.75	1	2.5	800	600	260	Metallic	
FxA 4 - 1.1 / Tri	17402	3 - 400	3 - 400	1.1	1.5	3.6	800	600	260	Metallic	
FxA 4 - 1.5 / Tri	17403	3 - 400	3 - 400	1.5	2	4.5	800	600	260	Metallic	
FxA 4 - 2.2 / Tri	17404	3 - 400	3 - 400	2.2	3	6.2	800	600	260	Metallic	
FxA 4 - 3 / Tri	17405	3 - 400	3 - 400	3	4	8	800	600	260	Metallic	
FxA 4 - 4/ Tri	17406	3 - 400	3 - 400	4	5.5	9.7	800	600	260	Metallic	
FxA 4 - 5.5 / Tri	17407	3 - 400	3 - 400	5.5	7.5	13.8	1000	700	320	Metallic	
FxA 4 - 7.5 / Tri	17408	3 - 400	3 - 400	7.5	10	17.2	1000	700	320	Metallic	
FxA 4 - 11 / Tri	17409	3 - 400	3 - 400	11	15	25.4	1000	700	320	Metallic	
FxA 4 - 15 / Tri	17410	3 - 400	3 - 400	15	20	34.1	1300	900	340	Metallic	
FxA 4 - 18.5 / Tri	17411	3 - 400	3 - 400	18.5	25	41.8	1300	900	340	Metallic	
FxA 4 - 22 / Tri	17412	3 - 400	3 - 400	22	30	48.4	1300	900	340	Metallic	

*It is possible to realize the panel for 30 kW and largest capacity according to demand

**Please contact us for custom design production

Optional Accessories

Floater



Model	mt
F-S/5	5
P-T/10	10
P-T/15	15
P-T/20	20

Level Electrode



Model	Power (V)	Range
L-E/5	12	10 Bar

Pressure Switch



Model	Range	Differential
P-S/10	1-5 Bar	10 Bar
P-S/16	3-12 Bar	16 Bar
P-S/25	2-14 Bar	25 Bar

Pressure Transmitter



Model	Power (V)	Range
P-T/10	12	10 Bar
P-T/16	12	16 Bar
P-T/25	12	25 Bar
P-T/40	12	40 Bar