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DELIVERING NEW AGE AUTOMATION PRODUCT SOLUTIONS

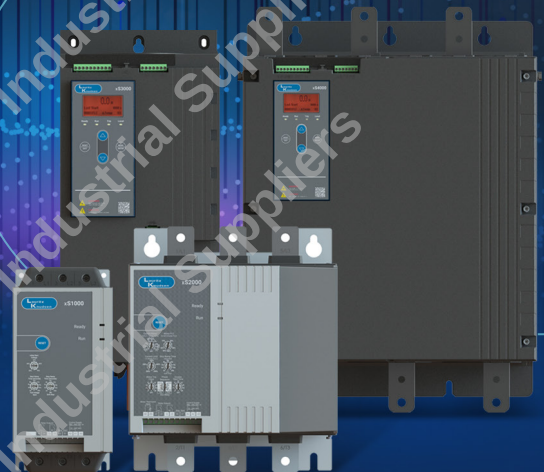
xD Series AC Drives

Ranging from 0.18kW to 315kW



XS Series Soft Starters

18 A to 1250 A



xP Series PLCs

Supports up to
196 I/Os



xT Series HMIs

4" to 15"



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DRIVEN BY LEGACY, ENGINEERED FOR TOMORROW

Experience enhanced performance and reduced energy consumption with our wide range of drive solutions, tailored to meet the unique demands of various industries.



xD4000

0.37kW HD ~ 315kW ND

xD3000

0.18kW HD ~ 15kW HD

xD2000

0.37kW HD ~ 160kW ND



xD1000

0.37kW HD ~ 30kW ND



xD1000 AC Drive [8504]

Empowering General Purpose Applications



0.37 kW (HD) ~ 30.0 kW (ND)



Features & Functions

- › Rated for 55°C (HD) and 50°C (ND)
- › In build PID
- › 4 Preset PID References
- › PID Sleep & Wake-up
- › PID Predictive Speed
- › Auxiliary Pump Control
- › Torque Boost (IR Compensation)
- › Slip Compensation
- › Auto Tuning
- › Application basis ramp profiles - Linear, S Ramp, U Ramp, Ramp Switching
- › Freewheel Stop & Fast Stop
- › Transient overtorque 170~200%
- › 8 Preset speeds
- › Skip (Jump) Frequency
- › Current Limitation (Stall Prevention)
- › Automatic Restart
- › Catch on the fly (Flying Start)
- › Fault Inhibition (Fire Mode)
- › DC Braking / Stop
- › Cooling Fan Control
- › Decel Ramp Adaptation (DC bus overvoltage Prevention or Overbraking)
- › 4DI, 2DO, 1AI, 1AO

Voltage	Description	Catalogue No.	Frame Size	MRP (Rs)
Three Phase 415VAC	xD1000 415V Drive 0.37kW(HD)	XD1000-01P5-4B1111	S1	33,000
	xD1000 415V Drive 0.75kW(HD)	XD1000-02P3-4B1111		35,000
	xD1000 415V Drive 1.50kW(HD)	XD1000-04P1-4B2111	S2	37,000
	xD1000 415V Drive 2.20kW(HD)	XD1000-05P5-4B2111		40,000
	xD1000 415V Drive 3.00kW(HD)/4.00kW(ND)	XD1000-08P9-4B2111	S3	47,000
	xD1000 415V Drive 4.00kW(HD)/5.50kW(ND)	XD1000-12P1-4B2111		53,000
	xD1000 415V Drive 5.50kW(HD)/7.50kW(ND)	XD1000-16P0-4B2111		66,000
	xD1000 415V Drive 7.50kW(HD)/11.0kW(ND)	XD1000-22P8-4B2111	S4	73,000
	xD1000 415V Drive 11.0kW(HD)/15.0kW(ND)	XD1000-30P0-4B2111		1,02,000
	xD1000 415V Drive 15.0kW(HD)/18.5kW(ND)	XD1000-36P0-4B2111	S5	1,16,000
	xD1000 415V Drive 18.5kW(HD)/22.0kW(ND)	XD1000-43P0-4B2111		1,28,000
	xD1000 415V Drive 22.0kW(HD)/30.0kW(ND)	XD1000-60P0-4B2111	S6	1,39,000

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xD2000 AC Drive [8504]

Smart Choice for Non-Regenerative Applications



0.37 kW (HD) ~ 160 kW (ND)

xD2000 IP55 3.0 kW (HD) ~ 11.0 kW (ND)



Features & Functions

- › Rated for 45°C HD and ND Ratings
- › Inbuilt DC reactor from 4.0kW (ND) to 160kW (ND)
- › External 24VDC connection to keep control circuit alive during power outage
- › Control of Permanent Magnet Synchronous Motors
- › Freewheel Stop & Fast Stop
- › Auto Tuning
- › Torque Boost (IR Compensation)
- › Possible to configure multiple functions on one input at a same time
- › 16 Preset speeds
- › Current Limitation (Stall Prevention)
- › DC Braking / Stop
- › Inbuilt EMC filter with Category C3 EMC levels
- › Motor surge limit function for Old, Poor quality, Rewound Motors
- › Pump and Compressor specific functions
- › In build PID
- › Sleep/Wake-Up in Speed Control Mode
- › Booster Pump Control - with & without lead pump alternation
- › Motor thermal monitoring through PTC, PT100, PT1000, and KTY84 thermal probes
- › Decel Ramp Adaptation (DC bus overvoltage Prevention or overbraking)
- › Automatic Restart & Catch on the fly (Flying Start)
- › Error detect disabling (Fire Mode)
- › 6 DI, 3 RO, 3 AI, 2 AO

Voltage	Description	Catalogue No.	Frame Size	MRP (Rs)
Three Phase 415VAC	XD2000 415V Drive 0.37kW(HD)/0.75kW(ND)	XD2000-02P2-4B1121	S1	80,000
	XD2000 415V Drive 0.75kW(HD)/1.50kW(ND)	XD2000-04P0-4B1121		84,000
	XD2000 415V Drive 1.50kW(HD)/2.20kW(ND)	XD2000-05P6-4B1121		86,000
	XD2000 415V Drive 2.20kW(HD)/3.00kW(ND)	XD2000-07P2-4B1121		87,000
	XD2000 415V Drive 3.00kW(HD)/4.00kW(ND)	XD2000-09P3-4B1221		89,000
	XD2000 415V Drive 4.00kW(HD)/5.50kW(ND)	XD2000-12P7-4B1221		1,05,000
	XD2000 415V Drive 5.50kW(HD)/7.50kW(ND)	XD2000-15P8-4B1221		1,09,000
	XD2000 415V Drive 7.50kW(HD)/11.0kW(ND)	XD2000-23P5-4B1221	S2	1,38,000
	XD2000 415V Drive 11.0kW(HD)/15.0kW(ND)	XD2000-31P7-4B1221		1,45,000
	XD2000 415V Drive 15.0kW(HD)/18.5kW(ND)	XD2000-39P2-4B1221	S3	1,71,000
	XD2000 415V Drive 18.5kW(HD)/22.0kW(ND)	XD2000-46P3-4B1221		1,78,000
	XD2000 415V Drive 22.0kW(HD)/30.0kW(ND)	XD2000-61P5-4B1221	S4	2,36,000
	XD2000 415V Drive 30.0kW(HD)/37.0kW(ND)	XD2000-74P5-4B1221		2,68,000
	XD2000 415V Drive 37.0kW(HD)/45.0kW(ND)	XD2000-88P0-4B1221		3,10,000
	XD2000 415V Drive 45.0kW(HD)/55.0kW(ND)	XD2000-120P-4B1221	S5	3,83,000
	XD2000 415V Drive 55.0kW(HD)/75.0kW(ND)	XD2000-145P-4B1221		4,17,000
	XD2000 415V Drive 75.0kW(HD)/90.0kW(ND)	XD2000-173P-4B1221		5,17,000
	XD2000 415V Drive 90.0kW(HD)/110kW(ND)	XD2000-211P-4B1221	S6	7,30,000
	XD2000 415V Drive 110kW(HD)/132kW(ND)	XD2000-250P-4B1221		7,82,000
	XD2000 415V Drive 132kW(HD)/160kW(ND)	XD2000-302P-4B1221		8,61,000
xD2000 IP55 Drive				
XD2000 IP55 415V Drive 3.00kWHD/4.00kWND	XD2000-09P3-4S1221	S1	*	
XD2000 IP55 415V Drive 4.00kWHD/5.50kWND	XD2000-12P7-4S1221		*	
XD2000 IP55 415V Drive 5.50kWHD/7.50kWND	XD2000-15P8-4S1221	S2	*	
XD2000 IP55 415V Drive 7.50kWHD/11.0kWND	XD2000-23P5-4S1221		*	

* Price available on request

xD3000 AC Drive [8504]

Engineered for OEM Excellence



0.18 kW (HD) ~ 15.0 kW (HD)



Features & Functions

- › Rated for 50°C Ambient Temperature
- › Inbuilt braking transistor
- › External 24VDC connection to keep control circuit alive during power outage
- › Grouping of multiple warnings in 3 different groups
- › Kinetic Energy Buffering (KEB) or maintain the DC bus voltage
- › Reference Addition, Subtraction & Multiplication
- › Hoist - External Brake Control, Load (External Weight) Measurement, High-speed Hoisting, Rope Slack
- › Motor / Generator Torque Limit
- › Load sharing
- › Line Contactor Control
- › Output Contactor Control
- › Positioning by Limit Switches or Sensors
- › Traverse control
- › IGBT Test - On power up & before RUN command
- › Motor Thermal Protection through PTC Probes
- › Delinearization for Analog Inputs
- › Parameter switching (up to 15 Nos & 3 sets)
- › Catch on the fly (Flying Start)
- › Skip (Jump) Frequency
- › 8 No.s trip history with Graphical display
- › Inbuilt EMC filter for EMC category C2
- › Control of Permanent Magnet Synchronous Motors
- › Motor surge limit function for Old, Poor quality, Rewound Motors
- › Fault Inhibition (Fire Mode)
- › Application basis ramp profiles - Linear, S Ramp, U Ramp, Customised, Ramp Switching
- › 4 Preset PID References
- › Decel Ramp Adaptation (DC bus overvoltage Prevention or overbraking)
- › Auto Tuning
- › Slip Compensation
- › Multimotor or Multiconfiguration Mode
- › In build PID
- › Sleep/Wake-Up in Speed Control Mode
- › PID Predictive Speed
- › 16 Preset speeds
- › Current Limitation (Stall Prevention)
- › Cooling Fan Control
- › Automatic Restart
- › DC Braking / Stop, Freewheel Stop & Fast Stop
- › 6 DIs, 3 DOs, 3 AIs, 1 AOs, 1 STO input

Voltage	Description	Catalogue No.	Frame Size	MRP (Rs)
Single Phase 230V	XD3000 230V 1Ph Drive 0.18kW(HD)	XD3000-01P5-1B2121	S1	32,000
	XD3000 230V 1Ph Drive 0.37kW(HD)	XD3000-03P3-1B2121		34,000
	XD3000 230V 1Ph Drive 0.55kW(HD)	XD3000-03P7-1B2121		35,000
	XD3000 230V 1Ph Drive 0.75kW(HD)	XD3000-04P8-1B2121		36,000
	XD3000 230V 1Ph Drive 1.10kW(HD)	XD3000-06P9-1B2121	S2	38,000
	XD3000 230V 1Ph Drive 1.50kW(HD)	XD3000-08P0-1B2121		42,000
	XD3000 230V 1Ph Drive 2.20kW(HD)	XD3000-11P0-1B2121		46,000

Voltage	Description	Catalogue No.	Frame Size	MRP (Rs)
Three Phase 230V	XD3000 230V 3Ph Drive 0.18kW(HD)	XD3000-01P5-2B2111	S1	50,000
	XD3000 230V 3Ph Drive 0.37kW(HD)	XD3000-03P3-2B2111		53,000
	XD3000 230V 3Ph Drive 0.55kW(HD)	XD3000-03P7-2B2111		58,000
	XD3000 230V 3Ph Drive 0.75kW(HD)	XD3000-04P8-2B2111		65,000
	XD3000 230V 3Ph Drive 1.10kW(HD)	XD3000-06P9-2B2111	S2	70,000
	XD3000 230V 3Ph Drive 1.50kW(HD)	XD3000-08P0-2B2111		78,000
	XD3000 230V 3Ph Drive 2.20kW(HD)	XD3000-11P0-2B2111		90,000
	XD3000 230V 3Ph Drive 3.00kW(HD)	XD3000-13P7-2B2111	S3	95,000
	XD3000 230V 3Ph Drive 4.00kW(HD)	XD3000-17P5-2B2111		1,01,000
	XD3000 230V 3Ph Drive 5.50kW(HD)	XD3000-27P5-2B2111	S4	1,39,000
	XD3000 230V 3Ph Drive 7.50kW(HD)	XD3000-33P0-2B2111		1,55,000
	XD3000 230V 3Ph Drive 11.0kW(HD)	XD3000-54P0-2B2111	S5	2,31,000
	XD3000 230V 3Ph Drive 15.0kW(HD)	XD3000-66P0-2B2111		2,53,000
Three Phase 415V	XD3000 415V Drive 0.37kW(HD)	XD3000-01P5-4B2121	S2	42,000
	XD3000 415V Drive 0.55kW(HD)	XD3000-01P9-4B2121		44,000
	XD3000 415V Drive 0.75kW(HD)	XD3000-02P3-4B2121		46,000
	XD3000 415V Drive 1.10kW(HD)	XD3000-03P0-4B2121		47,000
	XD3000 415V Drive 1.50kW(HD)	XD3000-04P1-4B2121		50,000
	XD3000 415V Drive 2.20kW(HD)	XD3000-05P5-4B2121	S3	53,000
	XD3000 415V Drive 3.00kW(HD)	XD3000-07P1-4B2121		55,000
	XD3000 415V Drive 4.00kW(HD)	XD3000-09P5-4B2121		60,000
	XD3000 415V Drive 5.50kW(HD)	XD3000-14P3-4B2121	S4	85,000
	XD3000 415V Drive 7.50kW(HD)	XD3000-17P0-4B2121		96,000
	XD3000 415V Drive 11.0kW(HD)	XD3000-27P7-4B2121	S5	1,19,000
	XD3000 415V Drive 15.0kW(HD)	XD3000-33P0-4B2121		1,42,000

xD4000 AC Drive [8504]

One VFD, Endless Possibilities



xD4000 IP55

0.37 kW (HD) ~ 315.0 kW (ND)

0.37 kW (HD) ~ 11.0kW (ND)



Features & Functions

- › Rated for 50°C ambient temp. for both HD / ND*
- › Detachable 8 line Graphical LCD keypad with battery
- › Inbuilt Dual port Ethernet IP/Modbus TCP and Modbus RS485
- › Crane specific functions
- › Control of Permanent Magnet Synchronous Motors
- › ENA system - rotating m/c with unbalanced load. (Oil Pumps)
- › Master/Slave management - rigid & elastic coupling
- › Hoist - External Brake Control, Load (External Weight) Measurement, High-speed Hoisting, Rope Slack
- › Motor thermal monitoring through PTC, PT100, PT1000, and KTY84 thermal probes
- › Kinetic Energy Buffering (KEB) or maintain the DC bus voltage
- › Load sharing
- › Positioning by Limit Switches or Sensors
- › IGBT Test - On power up & before RUN command
- › Parameter switching (up to 15 Nos & 3 sets)
- › Catch on the fly (Flying Start)
- › Torque Boost (IR Compensation)
- › Fault Inhibition (Fire Mode)
- › 15 nos. trip history
- › Inbuilt EMC filter entire range for EMC levels C2 / C3
- › Inbuilt DC Reactor over entire range
- › Inbuilt Braking transistor upto 160kW HD
- › Pump specific functions
- › Torque / Tension Control
- › Backspin sequence for PCP pumps
- › Multimotor or Multiconfiguration Mode
- › Motor surge limit function for Old, Poor quality, Rewound Motors
- › Power Backup Mode (To operate VFD temporary during power outage)
- › In build PID
- › Auto Tuning
- › Current Limitation (Stall Prevention)
- › 8 DIs, 4 DOs, 3 AIs, 2 AOIs, 2 STO inputs

Voltage	Description	Catalogue No.	Frame Size	MRP (Rs)	
Three Phase 415V	XD4000 415V Drive 0.37kW(HD)/0.75kW(ND)	XD4000-02P2-4C2221	S1	1,14,000	
	XD4000 415V Drive 0.75kW(HD)/1.50kW(ND)	XD4000-04P0-4C2221		1,22,000	
	XD4000 415V Drive 1.50kW(HD)/2.20kW(ND)	XD4000-05P6-4C2221		1,30,000	
	XD4000 415V Drive 2.20kW(HD)/3.00kW(ND)	XD4000-07P2-4C2221		1,35,000	
	XD4000 415V Drive 3.00kW(HD)/4.00kW(ND)	XD4000-09P3-4C2221		1,37,000	
	XD4000 415V Drive 4.00kW(HD)/5.50kW(ND)	XD4000-12P7-4C2221		1,49,000	
	XD4000 415V Drive 5.50kW(HD)/7.50kW(ND)	XD4000-16P5-4C2221	S2	1,72,000	
	XD4000 415V Drive 7.50kW(HD)/11.0kW(ND)	XD4000-23P5-4C2221		1,82,000	
	XD4000 415V Drive 11.0kW(HD)/15.0kW(ND)	XD4000-31P7-4C2221	S3	1,86,000	
	XD4000 415V Drive 15.0kW(HD)/18.5kW(ND)	XD4000-39P2-4C2221		1,91,000	
	XD4000 415V Drive 18.5kW(HD)/22.0kW(ND)	XD4000-46P3-4C2221		2,42,000	
	XD4000 415V Drive 22.0kW(HD)/30.0kW(ND)	XD4000-61P5-4C2221	S4	2,90,000	
	XD4000 415V Drive 30.0kW(HD)/37.0kW(ND)	XD4000-74P5-4C2221		3,34,000	
	XD4000 415V Drive 37.0kW(HD)/45.0kW(ND)	XD4000-88P0-4C2221		3,91,000	
	XD4000 415V Drive 45.0kW(HD)/55.0kW(ND)	XD4000-106P-4C2221	S5	4,71,000	
	XD4000 415V Drive 55.0kW(HD)/75.0kW(ND)	XD4000-145P-4C2221		6,03,000	
	XD4000 415V Drive 75.0kW(HD)/90.0kW(ND)	XD4000-173P-4C2221	S6	7,41,000	
	XD4000 415V Drive 90.0kW(HD)/110kW(ND)	XD4000-211P-4B2221		9,35,000	
	XD4000 415V Drive 110kW(HD)/132kW(ND)	XD4000-250P-4B2221		9,84,000	
	XD4000 415V Drive 132kW(HD)/160kW(ND)	XD4000-302P-4B2221	S7A	11,91,000	
	XD4000 415V Drive 160kW(HD)/220kW(ND)	XD4000-427P-4A2221		15,87,000	
	XD4000 415V Drive 200kW(HD)/250kW(ND)	XD4000-481P-4A1221	S7B	17,64,000	
	XD4000 415V Drive 250kW(HD)/315kW(ND)	XD4000-616P-4A1221		22,05,000	
	xD4000 IP55 Drive				
	XD4000 IP55 415V Drive 0.37kWHD/0.75kWND	XD4000-02P2-4S2221	S1	*	
	XD4000 IP55 415V Drive 0.75kWHD/1.50kWND	XD4000-04P0-4S2221		*	
	XD4000 IP55 415V Drive 1.50kWHD/2.20kWND	XD4000-05P6-4S2221		*	
	XD4000 IP55 415V Drive 2.20kWHD/3.00kWND	XD4000-07P2-4S2221		*	
	XD4000 IP55 415V Drive 3.00kWHD/4.00kWND	XD4000-09P3-4S2221		*	
	XD4000 IP55 415V Drive 4.00kWHD/5.50kWND	XD4000-12P7-4S2221		*	
	XD4000 IP55 415V Drive 5.50kWHD/7.50kWND	XD4000-16P5-4S2221	S2	*	
	XD4000 IP55 415V Drive 7.50kWHD/11.0kWND	XD4000-23P5-4S2221		*	

* Price available on request

xD Series AC Drive Accessories [8504]

Model	Description	Catalogue No.	MRP (Rs)
xD1000	IP54 LED Remote Keypad	XDOP-DOP-100	12,000
xD2000	IP21 LCD Std. Graphical Keypad	XDOP-DOP-300	8,500
	Mounting Kit for IP21 LCD Std. Keypad	XDKT-DOP-300	4,500
	IP65 LCD Adv. Graphical Keypad	XDOP-DOP-500	15,000
	Mounting kit for IP65 LCD Adv. Keypad	XDKT-DOP-500	10,000
	IO Expansion Card-1 - 6DI,2DO,2AI	XDIO-EX1-V01	22,500
	IO Expansion Card-2 - 3RO	XDIO-EX2-V01	19,500
	Profibus-DP Comm. Card	XDCI-PDP-V01	32,500
xD3000	IP54 LED Remote Keypad	XDOP-DOP-100	12,000
	IP65 LCD Graphical Keypad	XDOP-DOP-500	15,000
	Mounting kit for IP65 LCD Keypad	XDKT-DOP-500	10,000
	Communication Option Module Adapter	XDKT-ADP-V01	7,500
	Speed Monitoring Card	XDEN-SPD-V01	15,000
	Modbus TCP/EtherNet IP Comm. Card	XDCI-ETH-V01	37,500
	Profibus-DP Comm. Card	XDCI-PDP-V01	32,500
	CANopen DaisyChain Comm. Card	XDCI-CND-V01	21,500
	CANopen SUB-D Comm. Card	XDCI-CNS-V01	31,500
xD4000	CANopen Terminals Comm. Card	XDCI-CNT-V01	83,500
	IP65 LCD Graphical Keypad	XDOP-DOP-500	15,000
	Mounting kit for IP65 LCD Keypad	XDKT-DOP-500	10,000
	IO Expansion Card-1 - 6DI,2DO,2AI	XDIO-EX1-V01	22,500
	IO Expansion Card-2 - 3RO	XDIO-EX2-V01	19,500
	Digital Encoder Interface Card	XDEN-DEI-V01	31,500
	Analog Encoder Interface Module	XDEN-AEI-V01	27,000
	Resolver Interface Module	XDEN-REI-V01	67,500
	HTL Encoder Interface Module	XDEN-HEI-V01	30,000
	Profibus-DP Comm. Card	XDCI-PDP-V01	32,500
	CANopen DaisyChain Comm. Card	XDCI-CND-V01	21,500
	CANopen SUB-D Comm. Card	XDCI-CNS-V01	31,500
	CANopen Terminals Comm. Card	XDCI-CNT-V01	83,500
	Dynamic Braking Unit - 200kW#	XDBU-200K-100	5,57,500
	ProfiNet Comm. Card - Redundant	XDCI-PFN-V02	*

Only for XD4000-481P-4A1221 & XD4000-616P-4A1221

* Price available on request

Nx2000 [8504]

Range: 0.40 kW (HD) ~ 2.20 kW (HD)

Voltage	Description	Catalogue No.	MRP (Rs)
Single Phase 230VAC	Nx2000 230V 1Ph Drive 0.40 kW (HD)	LTVF-N102P4BAA	34,000
	Nx2000 230V 1Ph Drive 0.75 kW (HD)	LTVF-N104P2BAA	35,000
	Nx2000 230V 1Ph Drive 1.50 kW (HD)	LTVF-N107P5BAA	39,000
	Nx2000 230V 1Ph Drive 2.20 kW (HD)	LTVF-N110P0BAA	40,000

Nx2000+ [8504]

Range: 0.40 kW (HD) ~ 11.0 kW (ND)

Voltage	Description	Catalogue No.	MRP (Rs)
Three Phase 230VAC	Nx2000+ 230V Drive 0.40kW(HD)/0.75kW(ND)	LTVF-N203P1BAA	45,000
	Nx2000+ 230V Drive 0.75kW(HD)/1.50kW(ND)	LTVF-N206P0BAA	47,000
	Nx2000+ 230V Drive 1.50kW(HD)/2.20kW(ND)	LTVF-N209P6BAA	49,000
	Nx2000+ 230V Drive 2.20kW(HD)/3.70kW(ND)	LTVF-N212P0BAA	50,000
	Nx2000+ 230V Drive 4.00kW(HD)/5.50kW(ND)	LTVF-N218P0BAA	56,000
	Nx2000+ 230V Drive 5.50kW(HD)/7.50kW(ND)	LTVF-N230P0BAA	90,000
	Nx2000+ 230V Drive 7.50kW(HD)/11.0kW(ND)	LTVF-N240P0BAA	1,02,000
Three Phase 400VAC	Nx2000+ 415V Drive 0.75kW(HD)/1.50kW(ND)	LTVF-N403P1BAA	48,000
	Nx2000+ 415V Drive 1.50kW(HD)/2.20kW(ND)	LTVF-N405P1BAA	53,000
	Nx2000+ 415V Drive 2.20kW(HD)/3.70kW(ND)	LTVF-N406P9BAA	54,000
	Nx2000+ 415V Drive 4.00kW(HD)/5.50kW(ND)	LTVF-N410P0BAA	63,000
	Nx2000+ 415V Drive 5.50kW(HD)/7.50kW(ND)	LTVF-N416P0BAA	94,000
	Nx2000+ 415V Drive 7.50kW(HD)/11.0kW(ND)	LTVF-N423P0BAA	1,01,000

Sx2000 [8504]

Range: 0.40 kW (HD) ~ 90.0 kW (ND)

Voltage	Description	Catalogue No.	MRP (Rs)
Single Phase 230VAC	Sx2000 VVVF 230V 1Ph Drive 0.40 kW (HD) / 0.75 kW (ND)	LTVF-S10003BAA	63,000
	Sx2000 VVVF 230V 1Ph Drive 0.75 kW (HD) / 1.5 kW (ND)	LTVF-S10006BAA	70,000
	Sx2000 VVVF 230V 1Ph Drive 1.5 kW (HD) / 2.20 kW (ND)	LTVF-S10010BAA	71,000
	Sx2000 VVVF 230V 1Ph Drive 2.2 kW (HD) / 3.70 kW (ND)	LTVF-S10012BAA	74,000
Three Phase 230VAC	Sx2000 VVVF 230V 3Ph Drive 0.40 kW (HD) / 0.75 kW (ND)	LTVF-S20003BAA	63,000
	Sx2000 VVVF 230V 3Ph Drive 0.75 kW (HD) / 1.5 kW (ND)	LTVF-S20006BAA	64,000
	Sx2000 VVVF 230V 3Ph Drive 1.5 kW (HD) / 2.20 kW (ND)	LTVF-S20010BAA	70,000
	Sx2000 VVVF 230V 3Ph Drive 2.2 kW (HD) / 3.70 kW (ND)	LTVF-S20012BAA	71,000
	Sx2000 VVVF 230V 3Ph Drive 4.0 kW (HD) / 5.5 kW (ND)	LTVF-S20018BAA	82,000
	Sx2000 VVVF 230V 3Ph Drive 5.5 kW (HD) / 7.5 kW (ND)	LTVF-S20030BAA	1,28,000
	Sx2000 VVVF 230V 3Ph Drive 7.5 kW (HD) / 11 kW (ND)	LTVF-S20040BAA	1,36,000
	Sx2000 VVVF 230V 3Ph Drive 11 kW (HD) / 15 kW (ND)	LTVF-S20056BAA	1,55,000
Three Phase 415VAC	Sx2000 VVVF 230V 3Ph Drive 15 kW (HD) / 18.5 kW (ND)	LTVF-S20069BAA	2,19,000
	Sx2000 VVVF 415V Drive 0.75 kW (HD) / 1.50 kW (ND)	LTVF-S40003BAA	63,000
	Sx2000 VVVF 415V Drive 1.50 kW (HD) / 2.20 kW (ND)	LTVF-S40005BAA	71,000
	Sx2000 VVVF 415V Drive 2.20 kW (HD) / 3.7 kW (ND)	LTVF-S40007BAA	74,000
	Sx2000 VVVF 415V Drive 4.00 kW (HD) / 5.50 kW (ND)	LTVF-S40010BAA	78,000
	Sx2000 VVVF 415V Drive 5.50 kW (HD) / 7.50 kW (ND)	LTVF-S40016BAA	1,14,000
	Sx2000 VVVF 415V Drive 7.50 kW (HD) / 11.0 kW (ND)	LTVF-S40023BAA	1,26,000
	Sx2000 VVVF 415V Drive 11.0 kW (HD) / 15.0 kW (ND)	LTVF-S40030BAA	1,47,000
	Sx2000 VVVF 415V Drive 15.0 kW (HD) / 18.5 kW (ND)	LTVF-S40038BAA	1,83,000
	Sx2000 VVVF 415V Drive 18.5 kW (HD) / 22.0 kW (ND)	LTVF-S40044BAA	2,36,000
	Sx2000 VVVF 415V Drive 22.0 kW (HD) / 30.0 kW (ND)	LTVF-S40058BAA	2,91,000
	Sx2000 VVVF 415V Drive 30.0 kW (HD) / 37.0 kW (ND)	LTVF-S40075BAA	3,66,000
	Sx2000 VVVF 415V Drive 37.0 kW (HD) / 45.0 kW (ND)	LTVF-S40091BAA	4,22,000
	Sx2000 VVVF 415V Drive 45.0 kW (HD) / 55.0 kW (ND)	LTVF-S40107BAA	4,85,000
	Sx2000 VVVF 415V Drive 55.0 kW (HD) / 75.0 kW (ND)	LTVF-S40142BAA	5,68,000
	Sx2000 VVVF 415V Drive 75.0 kW (HD) / 90.0 kW (ND)	LTVF-S40169BAA	7,11,000

Sx2000 IP66 [8504]

Range: 0.40 kW (HD) ~ 22.0 kW (HD)

Voltage	Description	Catalogue No.	MRP (Rs)
Three Phase 415VAC	Sx2000 VVVF 415V IP66 Drive 0.40 kW (HD)	LTVF-S40001XAA	1,12,000
	Sx2000 VVVF 415V IP66 Drive 0.75 kW (HD)	LTVF-S40003XAA	1,13,000
	Sx2000 VVVF 415V IP66 Drive 1.50 kW (HD)	LTVF-S40004XAA	1,23,000
	Sx2000 VVVF 415V IP66 Drive 2.20 kW (HD)	LTVF-S40006XAA	1,26,000
	Sx2000 VVVF 415V IP66 Drive 4.00 kW (HD)	LTVF-S40009XAA	1,31,000
	Sx2000 VVVF 415V IP66 Drive 5.50 kW (HD)	LTVF-S40012XAA	1,68,000
	Sx2000 VVVF 415V IP66 Drive 7.50 kW (HD)	LTVF-S40016XAA	1,82,000
	Sx2000 VVVF 415V IP66 Drive 11.0 kW (HD)	LTVF-S40024XAA	2,74,000
	Sx2000 VVVF 415V IP66 Drive 15.0 kW (HD)	LTVF-S40030XAA	2,93,000
	Sx2000 VVVF 415V IP66 Drive 18.5 kW (HD)	LTVF-S40039XAA	3,17,000
	Sx2000 VVVF 415V IP66 Drive 22.0 kW (HD)	LTVF-S40045XAA	3,92,000

Hx2000 [8504]

Range: 1.50 kW (ND) ~ 90.0 kW (ND)

Voltage	Description	Catalogue No.	MRP (Rs)
Three Phase 415VAC	Hx2000 VVVF 415V Drive 1.50 kW (ND)	LTVF-H40004BAA	1,18,000
	Hx2000 VVVF 415V Drive 2.20 kW (ND)	LTVF-H40006BAA	1,25,000
	Hx2000 VVVF 415V Drive 3.7 kW (ND)	LTVF-H40008BAA	1,32,000
	Hx2000 VVVF 415V Drive 5.50 kW (ND)	LTVF-H40012BAA	1,37,000
	Hx2000 VVVF 415V Drive 7.50 kW (ND)	LTVF-H40016BAA	1,49,000
	Hx2000 VVVF 415V Drive 11.0 kW (ND)	LTVF-H40024BAA	1,70,000
	Hx2000 VVVF 415V Drive 15.0 kW (ND)	LTVF-H40030BAA	2,00,000
	Hx2000 VVVF 415V Drive 18.5 kW (ND)	LTVF-H40038BAA	2,43,000
	Hx2000 VVVF 415V Drive 22.0 kW (ND)	LTVF-H40045BAA	2,91,000
	Hx2000 VVVF 415V Drive 30.0 kW (ND)	LTVF-H40061BAA	3,70,000
	Hx2000 VVVF 415V Drive 37.0 kW (ND)	LTVF-H40075BAA	4,72,000
	Hx2000 VVVF 415V Drive 45.0 kW (ND)	LTVF-H40091BAA	5,50,000
	Hx2000 VVVF 415V Drive 55.0 kW (ND)	LTVF-H40107BAA	6,14,000
	Hx2000 VVVF 415V Drive 75.0 kW (ND)	LTVF-H40142BAA	7,05,000
	Hx2000 VVVF 415V Drive 90.0 kW (ND)	LTVF-H40169BAA	7,97,000

Fx2000 [8504]

Range: 1.50 kW (HD) ~ 450 kW (ND)

Voltage	Description	Catalogue No.	MRP (Rs)
Three Phase 415VAC	Fx2000 VVVF 415V Drive 1.50 kW (HD) / 2.20 kW (ND)	LTVF-F40006CAA	96,000
	Fx2000 VVVF 415V Drive 2.20 kW (HD) / 3.70 kW (ND)	LTVF-F40008CAA	98,000
	Fx2000 VVVF 415V Drive 3.70 kW (HD) / 5.50 kW (ND)	LTVF-F40012CAA	99,000
	Fx2000 VVVF 415V Drive 5.50 kW (HD) / 7.50 kW (ND)	LTVF-F40016CAA	1,23,000
	Fx2000 VVVF 415V Drive 7.50 kW (HD) / 11.0 kW (ND)	LTVF-F40024CAA	1,34,000
	Fx2000 VVVF 415V Drive 11.0 kW (HD) / 15.0 kW (ND)	LTVF-F40030CAA	1,79,000
	Fx2000 VVVF 415V Drive 15.0 kW (HD) / 18.5 kW (ND)	LTVF-F40039CAA	2,15,000
	Fx2000 VVVF 415V Drive 18.5 kW (HD) / 22.0 kW (ND)	LTVF-F40045CAA	2,60,000
	Fx2000 VVVF 415V Drive 22.0 kW (HD) / 30.0 kW (ND)	LTVF-F40061CAA	3,44,000
	Fx2000 VVVF 415V Drive 30.0 kW (HD) / 37.0 kW (ND)	LTVF-F40075CAA	3,92,000
	Fx2000 VVVF 415V Drive 37.0 kW (HD) / 45.0 kW (ND)	LTVF-F40091CAA	4,59,000
	Fx2000 VVVF 415V Drive 45.0 kW (HD) / 55.0 kW (ND)	LTVF-F40110CAA	5,30,000
	Fx2000 VVVF 415V Drive 55.0 kW (HD) / 75.0 kW (ND)	LTVF-F40152CAA	6,12,000
	Fx2000 VVVF 415V Drive 75.0 kW (HD) / 90.0 kW (ND)	LTVF-F40183CAA	8,50,000
	Fx2000 VVVF 415V Drive 90.0 kW (HD) / 110 kW (ND)	LTVF-F40223AAA	10,47,000
	Fx2000 VVVF 415V Drive 110 kW (HD) / 132 kW (ND)	LTVF-F40264AAA	11,87,000
	Fx2000 VVVF 415V Drive 132 kW (HD) / 160 kW (ND)	LTVF-F40325AAA	13,12,000
	Fx2000 VVVF 415V Drive 160 kW (HD) / 185 kW (ND)	LTVF-F40370AAA	16,07,000
	Fx2000 VVVF 415V Drive 185 kW (HD) / 220 kW (ND)	LTVF-F40432AAA	21,50,000
	Fx2000 VVVF 415V Drive 220 kW (HD) / 285 kW (ND)	LTVF-F40547AAA	27,60,000
	Fx2000 VVVF 415V Drive 285 kW (HD) / 315 kW (ND)	LTVF-F40613AAA	38,33,000
	Fx2000 VVVF 415V Drive 315 kW (HD) / 375 kW (ND)	LTVF-F40731AAA	46,64,000
	Fx2000 VVVF 415V Drive 375 kW (HD) / 450 kW (ND)	LTVF-F40877AAA	58,54,000

x2000 AC Drive Accessories [8504]

Model	Description	Catalogue No.	MRP (Rs)
Nx2000	Nx2000 Remote Keypad with 3m cable	LTOP-DOP-51	8,600
Nx2000+	Nx2000+ Remote Keypad with 3m cable	LTOP-DOP-52	8,600
	CANOpen Comm Card for Nx2000+	LTCI-CAN-NP	37,000
	Eth.IP/Mod.TCP/RAPIDnet Opt for Nx2000+	LTCI-ETH-NP	37,000
	Profibus-DP Comm Card for Nx2000+	LTCI-PDP-NP	37,000
Sx2000	Sx2000 remote keypad with 3m cable	LTOP-DOP-150	10,700
	LCD Digital Operator	LTOP-DOP-200	17,000
	I/O Expansion Card for Sx2000 (3DI, 2DO, 2AI, 1AO)	LTIO-EXP-S	22,000
	CANOpen Communication card	LTCI-CAN-S	53,000
	Profibus-DP Communication card	LTCI-PDP-S	50,000
	Profinet option card for Sx2000	LTCI-PFN-S	36,500
	Dual Port EthernetIP/ModbusTCP Comm card	LTCI-ETH2-S	55,000
Hx2000	I/O Expansion Card for Hx2000 (2DI, 3DO, 1AI, 1AO)	LTIO-EXP-H	22,000
	I/O Expansion Card 2 for Hx2000 (3AI, 2AO)	LTIO-EXP2-H	22,000
Fx2000	LCD Digital Operator	LTOP-DOP-200	17,000
	I/O Expansion Card 1 for Fx2000 (3DI, 3DO, 2AI, 2AO)	LTIO-EX1-F	31,500
	Synchronization Option Card	LTCN-SYN-F	42,500
	Position control option card for Fx2000	LTCN-PCN-F	28,500
	Incremental card for Open collector and Line Driver Encoder	LTEN-INC-F	17,000
	Profibus-DP Communication Interface card	LTCI-PDP-F	51,000
	Profinet option card for Fx2000	LTCI-PFN-F	35,500
	DeviceNet Communication Interface card	LTCI-DEN-F	28,500
	Dual Port EthernetIP/ModbusTCP Comm card	LTCI-ETH2-F	48,000
	Application Development PLC Option card	LTAD-PLC-F	39,500
	CANOpen Communication Interface card	LTCI-CAN-F	28,500
	PLL option card for Fx2000	LTCN-PLL-F	11,000
	BCD Option Card for Fx2000	LTIO-BCD-F	16,000
DBU	Dynamic Braking Unit for 11 - 15kW	LTDBU-0150-4	97,500
	Dynamic Braking Unit for 18.5 - 22kW	LTDBU-0220-4	1,09,500
	Dynamic Braking Unit for 30 - 37kW	LTDBU-0370-4	1,19,500
	Dynamic Braking Unit for 45 - 55kW	LTDBU-0550-4	1,33,000
	Dynamic Braking Unit for 75kW	LTDBU-0750-4	1,46,500
	Dynamic Braking Unit for 220 - 375kW (100% ED)	LTDBU-2200-4	2,77,000

Px3000 : Solar Drive Controller



Range: 5 HP ~ 10 HP

- › Built-in MPPT feature
- › Automatic START / STOP functioning
- › Dual mode supply - Grid & Solar
- › Wide operating voltage range
- › Conformally coated PCB's C3 class
- › Ambient temperature upto 50C without derating
- › Dry-run protection designed for pump applications
- › Water level interface feature
- › Plug & Play drive
- › Built-in RS485 feature

Drive Model	Description	Catalogue No.	MRP (Rs)
AC: 380~480Vac DC: 250~850Vdc	PX3000 (AC,DC) - 3HP 3PH 415V	EAVF-P4007P0BAC	*
	PX3000 (AC,DC) - 3HP 3PH 415V (EMI)	EAVF-P4007P0BAD	*
	PX3000 (AC,DC) - 5HP 3PH 415V (Frame A)	EAVF-P4009P5BAA	*
	PX3000 (AC,DC) - 5HP 3PH 415V	EAVF-P4009P5BAC	*
	PX3000 (AC,DC) - 5HP 3PH 415V (EMI)	EAVF-P4009P5BAD	*
	PX3000 (AC,DC) - 7.5HP 3PH 415V (Frame A)	EAVF-P4014P0BAA	*
	PX3000 (AC,DC) - 7.5HP 3PH 415V	EAVF-P4014P0BAC	*
	PX3000 (AC,DC) - 7.5HP 3PH 415V (EMI)	EAVF-P4014P0BAD	*
	PX3000 (AC,DC) - 10HP 3PH 415V (Frame A)	EAVF-P4018P0BAA	*
	SOLAR PUMP CONTROLLER-5HP-NEW WITH GRID	CS927070000	*
	SOLAR PUMP CONTROLLER 7.5HP WITH GRID (Frame A)	CS927120000	*
DC: 250~850Vdc	PX3000 (DC) - 3HP 3PH 415V	EAVF-P4007P0BDC	*
	PX3000 (DC) - 5HP 3PH 415V	EAVF-P4009P5BDC	*
	PX3000 (DC) - 7.5HP 3PH 415V	EAVF-P4014P0BDC	*
	SOLAR PUMP CONTROLLER - 5HP	CS927050000	*
	SOLAR PUMP CONTROLLER - 7.5HP (Frame A)	CS927100000	*

* Price available on request

xS1000 & xS2000 Soft Starters [8504]



18 A ~ 200 A



Features & Functions

xS1000

- › Compact design, small footprint
- › Built-in bypass contactor
- › Easy installation and operation
- › Soft start / Soft stop
- › Communication & PC interface option available

xS2000

- › Compact design, small footprint
- › Built-in bypass contactor
- › Easy installation and operation
- › Complements existing motor protection
- › Soft start / Soft stop / Adjustable current limit
- › Communication & PC interface option available
- › Essential Motor protection against
 - » Overload & Single Phasing
 - » Instantaneous overcurrent
 - » Phase sequence reversal
 - » Abnormality in supply
 - » Unbalance current
- › Thermister protection through PTC

Description	Catalogue No.	Frame Size	MRP (Rs)
xS1000,18A,M:200-440VAC,C:110/230-440VAC	XS1000-0018-B44111	S1	60,000
xS1000,34A,M:200-440VAC,C:110/230-440VAC	XS1000-0034-B44111		62,000
xS1000,42A,M:200-440VAC,C:110/230-440VAC	XS1000-0042-B44111		64,000
xS1000,48A,M:200-440VAC,C:110/230-440VAC	XS1000-0048-B44111		76,000
xS1000,60A,M:200-440VAC,C:110/230-440VAC	XS1000-0060-B44111		86,000
xS1000,75A,M:200-440VAC,C:110/230-440VAC	XS1000-0075-B44111	S2	98,000
xS1000,85A,M:200-440VAC,C:110/230-440VAC	XS1000-0085-B44111		1,10,000
xS1000,100A,M:200-440VAC,C:110/230-440VAC	XS1000-0100-B44111		1,26,000
xS1000,140A,M:200-440VAC,C:110/230-440VAC	XS1000-0140-B44111	S3	1,65,000
xS1000,170A,M:200-440VAC,C:110/230-440VAC	XS1000-0170-B44111		1,79,000
xS1000,200A,M:200-440VAC,C:110/230-440VAC	XS1000-0200-B44111		1,97,000

Description	Catalogue No.	Frame Size	MRP (Rs)
xS2000,18A,M:200-440VAC,C:110/230-440VAC	XS2000-0018-B44111	S1	86,000
xS2000,34A,M:200-440VAC,C:110/230-440VAC	XS2000-0034-B44111		99,000
xS2000,42A,M:200-440VAC,C:110/230-440VAC	XS2000-0042-B44111		1,03,000
xS2000,48A,M:200-440VAC,C:110/230-440VAC	XS2000-0048-B44111		1,10,000
xS2000,60A,M:200-440VAC,C:110/230-440VAC	XS2000-0060-B44111		1,21,000
xS2000,75A,M:200-440VAC,C:110/230-440VAC	XS2000-0075-B44111	S2	1,41,000
xS2000,85A,M:200-440VAC,C:110/230-440VAC	XS2000-0085-B44111		1,60,000
xS2000,100A,M:200-440VAC,C:110/230-440VAC	XS2000-0100-B44111		1,75,000
xS2000,140A,M:200-440VAC,C:110/230-440VAC	XS2000-0140-B44111	S3	2,04,000
xS2000,170A,M:200-440VAC,C:110/230-440VAC	XS2000-0170-B44111		2,55,000
xS2000,200A,M:200-440VAC,C:110/230-440VAC	XS2000-0200-B44111		2,85,000

Ordering codes for 575VAC Mains Voltage & 24VAC/VDC Control voltage (MRP : On Request)

- › For 3Ph, 200-575VAC Mains Voltage use XS□000-□□□□-B5□111
- › For 24VAC/VDC Control Voltage use XS□000-□□□□-B□1111

xS3000 Soft-Starter [8504]



24 A ~ 580 A



Features & Functions

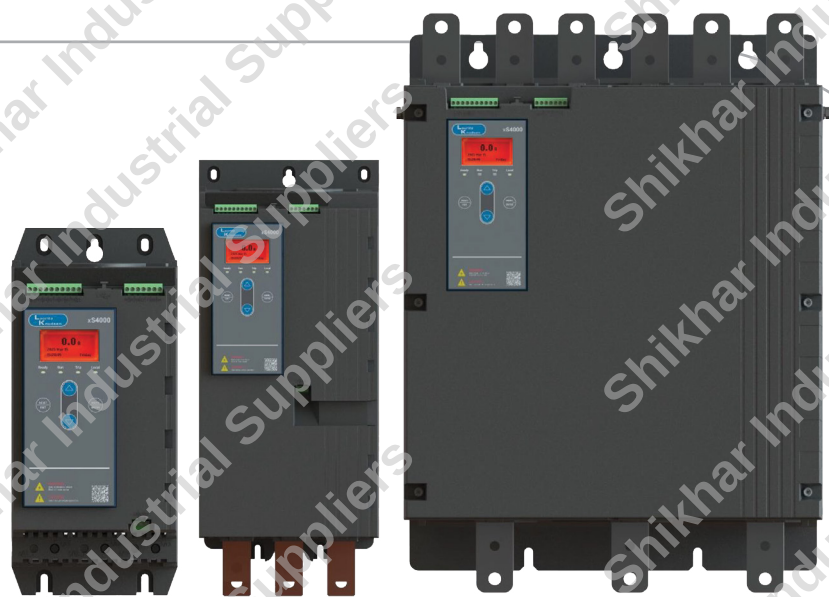
- › Built-in bypass contactor
- › Compact & flexible design
- › Screw-less design for easy & fast servicing
- › USB port for easy & fast commissioning & data extraction
- › Built-in simulation mode
- › 384 event logs
- › Fire mode function available
- › Starts per hour counter
- › 200 VAC to 600 VAC
- › Configuration profiles for common applications
- › Built-in metering and inputs/outputs
- › Full graphical display with multi-language supports
- › Real-time performance graphs
- › Descriptive option names and feedback messages
- › Customisable protection
- › Communication option available
- › Smart cards for Pumping application

Description	Catalogue No.	Frame Size	MRP (Rs)
xS3000,24A,M:200-525VAC,C:110/220VAC	XS3000-0024-B52211	S1	1,08,000
xS3000,42A,M:200-525VAC,C:110/220VAC	XS3000-0042-B52211		1,15,000
xS3000,52A,M:200-525VAC,C:110/220VAC	XS3000-0052-B52211		1,25,000
xS3000,64A,M:200-525VAC,C:110/220VAC	XS3000-0064-B52211		1,34,000
xS3000,69A,M:200-525VAC,C:110/220VAC	XS3000-0069-B52211		1,39,000
xS3000,105A,M:200-525VAC,C:110/220VAC	XS3000-0105-B52211		1,79,000
xS3000,115A,M:200-525VAC,C:110/220VAC	XS3000-0115-B52211		1,91,000
xS3000,135A,M:200-525VAC,C:110/220VAC	XS3000-0135-B52211		2,04,000
xS3000,184A,M:200-525VAC,C:110/220VAC	XS3000-0184-B52211	S2	2,48,000
xS3000,200A,M:200-525VAC,C:110/220VAC	XS3000-0200-B52211		2,63,000
xS3000,229A,M:200-525VAC,C:110/220VAC	XS3000-0229-B52211		3,05,000
xS3000,250A,M:200-525VAC,C:110/220VAC	XS3000-0250-B52211		3,55,000
xS3000,352A,M:200-525VAC,C:110/220VAC	XS3000-0352-B52211	S3	4,45,000
xS3000,397A,M:200-525VAC,C:110/220VAC	XS3000-0397-B52211		4,89,000
xS3000,410A,M:200-525VAC,C:110/220VAC	XS3000-0410-B52211		5,03,000
xS3000,550A,M:200-525VAC,C:110/220VAC	XS3000-0550-B52211		6,19,000
xS3000,580A,M:200-525VAC,C:110/220VAC	XS3000-0580-B52211		6,55,000

Ordering codes for 600VAC Mains Voltage & 24VAC/VDC Control voltage (MRP : On Request)

- › For 3Ph, 380-600VAC Mains Voltage use XS3000-□□□□-B6□211
- › For 24VAC/VDC Control Voltage use XS3000-□□□□-B□1211

xS4000 Soft-Starter [8504]



24 A ~ 2430 A



Features & Functions

- › Built-in bypass contactor
- › Compact & flexible design
- › Screw-less design for easy & fast servicing
- › USB port for easy & fast commissioning & data extraction
- › Built-in simulation mode
- › 384 event logs
- › Fire mode function available
- › Starts per hour counter
- › Soft Brake function available
- › Reversing Contactor Control
- › 200 VAC to 690 VAC
- › Configuration profiles for common applications
- › Built-in metering and inputs/outputs
- › Full graphical display with multi-language supports
- › Real-time performance graphs
- › Descriptive option names and feedback messages
- › Customisable protection
- › Communication option available
- › Smart cards for Pumping application
- › Pump Clean Function
- › Run Timer mode (ON/OFF Cycle mode)
- › Inside delta (6 wire) installation

Description	Catalogue No.	Frame Size	MRP (Rs)
xS4000,24A,M:200-525VAC,C:110/220VAC	XS4000-0024-B52211	S1	1,25,000
xS4000,42A,M:200-525VAC,C:110/220VAC	XS4000-0042-B52211		1,26,000
xS4000,52A,M:200-525VAC,C:110/220VAC	XS4000-0052-B52211		1,37,000
xS4000,64A,M:200-525VAC,C:110/220VAC	XS4000-0064-B52211		1,56,000
xS4000,69A,M:200-525VAC,C:110/220VAC	XS4000-0069-B52211		1,62,000
xS4000,105A,M:200-525VAC,C:110/220VAC	XS4000-0105-B52211		2,01,000
xS4000,115A,M:200-525VAC,C:110/220VAC	XS4000-0115-B52211		2,24,000
xS4000,135A,M:200-525VAC,C:110/220VAC	XS4000-0135-B52211		2,50,000
xS4000,184A,M:200-525VAC,C:110/220VAC	XS4000-0184-B52211	S2	2,81,000
xS4000,200A,M:200-525VAC,C:110/220VAC	XS4000-0200-B52211		2,99,000
xS4000,229A,M:200-525VAC,C:110/220VAC	XS4000-0229-B52211		3,40,000
xS4000,250A,M:200-525VAC,C:110/220VAC	XS4000-0250-B52211		3,98,000
xS4000,352A,M:200-525VAC,C:110/220VAC	XS4000-0352-B52211	S3	4,97,000
xS4000,397A,M:200-525VAC,C:110/220VAC	XS4000-0397-B52211		5,46,000
xS4000,410A,M:200-525VAC,C:110/220VAC	XS4000-0410-B52211		5,67,000
xS4000,550A,M:200-525VAC,C:110/220VAC	XS4000-0550-B52211		7,14,000
xS4000,580A,M:200-525VAC,C:110/220VAC	XS4000-0580-B52211		7,55,000
xS4000,835A,M:200-525VAC,C:110/220VAC	XS4000-0835-B52211	S4	9,76,000
xS4000,940A,M:200-525VAC,C:110/220VAC	XS4000-0940-B52211		10,58,000
xS4000,1070A,M:200-525VAC,C:110/220VAC	XS4000-1070-B52211		12,82,000
xS4000,1230A,M:200-525VAC,C:110/220VAC	XS4000-1230-B52211		15,93,000
xS4000,1250A,M:200-525VAC,C:110/220VAC	XS4000-1250-B52211		20,20,000
xS4000,735A,M:200-525VAC,C:110/220VAC	XS4000-0735-C52211		6,41,000
xS4000,830A,M:200-525VAC,C:110/220VAC	XS4000-0830-C52211		7,74,000
xS4000,1025A,M:200-525VAC,C:110/220VAC	XS4000-1025-C52211		8,16,000
xS4000,1170A,M:200-525VAC,C:110/220VAC	XS4000-1170-C52211		10,80,000
xS4000,1220A,M:200-525VAC,C:110/220VAC	XS4000-1220-C52211		14,51,000

Ordering codes for 690VAC Mains Voltage & 24VAC/VDC Control voltage (MRP : On Request)

› For 3Ph, 380-690VAC Mains Voltage use XS4000-□□□□-□7□211

› For 24VAC/VDC Control Voltage use XS4000-□□□□-□□1211

Note: Price for 1000V soft starters available on request

xS Series Soft-starter Accessories [8504]

Soft-starter Model	Description	Catalogue No.	MRP (Rs)
xS1000 & xS2000	Modbus RTU Card	XSCI-RTU-121	26,500
	Modbus TCP Card	XSCI-TCP-123	78,500
	Ethernet IP Card	XSCI-ETH-122	87,000
	Profibus Card	XSCI-PDP-121	42,000
	Profinet Card	XSCI-PFN-122	87,000
	DeviceNet Card	XSCI-DEN-121	34,500
	USB Interface Card	XSCI-USB-121	23,500
xS3000 & xS4000	Modbus RTU Card	XSCI-RTU-341	27,500
	Modbus RTU + GF Card	XSCI-RTU-342	29,000
	Modbus TCP + GF Card	XSCI-TCP-343	84,000
	Ethernet + GF Card	XSCI-ETH-343	89,500
	Profibus Card	XSCI-PDP-341	43,000
	Profinet + GF Card	XSCI-PFN-343	89,500
	DeviceNet Card	XSCI-DEN-341	35,500
	Digital Operator & Cable	XSOP-DOP-200	27,500
	Digital Operator Interface Card	XSOP-DOC-200	22,000
	Digital Operator Kit (Interface Card, Operator & Cable)	XSOP-DOK-200	43,000
	Pumping Smart Card	XSSC-PSC-341	34,500

Ordering Information for xS Series Soft Starters

xSnnnn-1234-BVCDFE

Automation Series

Product
Soft Starters : S

Soft starter Model
Model Number : nnnn

Current Rating
Nominal Current Rating : 1234
(3 Wire)

Bypass Type
Built in : B
Continuous / External : C
External (Mandatory) : E

Future Use
1 : Future Use

Future Use
1 : Future Use

Display Interface
1 : No Graphical Display
2 : Fixed Graphical Display

Control Voltage
1 : 24V AC/DC
2 : 110-120/220-240V AC
4 : 110/230-440V AC

Mains Voltage
4 : 3Ph, 200-440VAC
5 : 3Ph, 200-525/575VAC
6 : 3Ph, 380-600VAC
7 : 3Ph, 380-690VAC

XSCI-xxx-nnn

Product
Soft Starters : xS

Accessory Type

Accessory Name

#Version Number
1 : Ver-1
3 : Ver-3

#Applicable SS Model
1 : xS1000
2 : xS2000
3 : xS3000
4 : xS4000

CI = Communication Interface

OP = Operator / Display

RTU = Modbus RTU Communication Card

TCP = Modbus TCP Communication Card

PDP = Profibus DP Communication Card

PFN = Profinet Communication Card

ETH = Ethernet IP Communication Card

DEN = DeviceNet Communication Card

USB = USB Interface Card

DOP = Digital Operator / Display

DOC = Digital Operator Card

Equivalent CAT Nos for CSX & EMX4 series Soft starters & their Accessories

Old CAT Nos	New CAT Nos
CSX → xS1000	
CSX-007-41	XS1000-0018-B44111
CSX-015-41	XS1000-0034-B44111
CSX-018-41	XS1000-0042-B44111
CSX-022-41	XS1000-0048-B44111
CSX-030-41	XS1000-0060-B44111
CSX-037-41	XS1000-0075-B44111
CSX-045-41	XS1000-0085-B44111
CSX-055-41	XS1000-0100-B44111
CSX-075-41	XS1000-0140-B44111
CSX-090-41	XS1000-0170-B44111
CSX-110-41	XS1000-0200-B44111

Old CAT Nos	New CAT Nos
CSXi → xS2000	
CSXi-007-41	XS2000-0018-B44111
CSXi-015-41	XS2000-0034-B44111
CSXi-018-41	XS2000-0042-B44111
CSXi-022-41	XS2000-0048-B44111
CSXi-030-41	XS2000-0060-B44111
CSXi-037-41	XS2000-0075-B44111
CSXi-045-41	XS2000-0085-B44111
CSXi-055-41	XS2000-0100-B44111
CSXi-075-41	XS2000-0140-B44111
CSXi-090-41	XS2000-0170-B44111
CSXi-110-41	XS2000-0200-B44111

Old CAT Nos	New CAT Nos
EMX4e → xS3000	
EMX4E-0024B-511	XS3000-0024-B52211
EMX4E-0042B-511	XS3000-0042-B52211
EMX4E-0052B-511	XS3000-0052-B52211
EMX4E-0064B-511	XS3000-0064-B52211
EMX4E-0069B-511	XS3000-0069-B52211
EMX4E-0105B-511	XS3000-0105-B52211
EMX4E-0115B-511	XS3000-0115-B52211
EMX4E-0135B-511	XS3000-0135-B52211
EMX4E-0184B-511	XS3000-0184-B52211
EMX4E-0200B-511	XS3000-0200-B52211
EMX4E-0229B-511	XS3000-0229-B52211
EMX4E-0250B-511	XS3000-0250-B52211
EMX4E-0352B-511	XS3000-0352-B52211
EMX4E-0397B-511	XS3000-0397-B52211
EMX4E-0410B-511	XS3000-0410-B52211
EMX4E-0550B-511	XS3000-0550-B52211
EMX4E-0580B-511	XS3000-0580-B52211

Old CAT Nos	New CAT Nos
EMX4i → xS4000	
EMX4I-0024B-511	XS4000-0024-B52211
EMX4I-0042B-511	XS4000-0042-B52211
EMX4I-0052B-511	XS4000-0052-B52211
EMX4I-0064B-511	XS4000-0064-B52211
EMX4I-0069B-511	XS4000-0069-B52211
EMX4I-0105B-511	XS4000-0105-B52211
EMX4I-0115B-511	XS4000-0115-B52211
EMX4I-0135B-511	XS4000-0135-B52211
EMX4I-0184B-511	XS4000-0184-B52211
EMX4I-0200B-511	XS4000-0200-B52211
EMX4I-0229B-511	XS4000-0229-B52211
EMX4I-0250B-511	XS4000-0250-B52211
EMX4I-0352B-511	XS4000-0352-B52211
EMX4I-0397B-511	XS4000-0397-B52211
EMX4I-0410B-511	XS4000-0410-B52211
EMX4I-0550B-511	XS4000-0550-B52211
EMX4I-0580B-511	XS4000-0580-B52211
EMX4I-0835B-511	XS4000-0835-B52211
EMX4I-0940B-511	XS4000-0940-B52211
EMX4I-1070B-511	XS4000-1070-B52211
EMX4I-1230B-511	XS4000-1230-B52211
EMX4I-1250B-511	XS4000-1250-B52211
EMX4I-0735C-511	XS4000-0735-C52211
EMX4I-0830C-511	XS4000-0830-C52211
EMX4I-1025C-511	XS4000-1025-C52211
EMX4I-1170C-511	XS4000-1170-C52211
EMX4I-1220C-511	XS4000-1220-C52211

Old CAT Nos	New CAT Nos
xS1000 & xS2000 Accessories	
PIM-MB-01	XSCI-RTU-121
PIM-MT-03	XSCI-TCP-123
PIM-PB-01	XSCI-PDP-121
PIM-PN-02	XSCI-PFN-122
PIM-EI-02	XSCI-ETH-122
PIM-DN-01	XSCI-DEN-121
PIM-USB-01	XSCI-USB-121

Old CAT Nos	New CAT Nos
xS3000 & xS4000 Accessories	
PIC-MB-01	XSCI-RTU-341
PIC-MB-02	XSCI-RTU-342
PIC-MT-03	XSCI-TCP-343
PIC-PB-01	XSCI-PDP-341
PIC-PN-03	XSCI-PFN-343

Old CAT Nos	New CAT Nos
PIC-EI-03	XSCI-ETH-343
PIC-DN-01	XSCI-DEN-341
PIC-RK-01	XSOP-DOP-200
PIC-RC-01	XSOP-DOC-200
PIC-RC-02	XSOP-DOK-200
SCC-PC-01	XSSC-PSC-341

XLB series PLC - CPU [8537/8538]

Group	Series	Catalogue	Description	MRP
E & S Series CPU	E Series	LTPCM-DN10E1	AC 110~220V, 6P DC Input, 4P TR (NPN) output	26,500
		LTPCM-DR10E1	AC 110~220V, 6P DC Input, 4P Relay output	28,000
		LTPCM-DN14E1	AC 110~220V, 8P DC Input, 6P TR(NPN) output	29,000
		LTPCM-DR14E1	AC 110~220V, 8P DC Input, 6P Relay output	29,500
		LTPCM-DN20E1	AC 110~220V, 12P DC Input, 8P TR(NPN) output	33,000
		LTPCM-DR20E1	AC 110~220V, 12P DC Input, 8P Relay output	33,500
		LTPCM-DN30E1	AC 110~220V, 18P DC Input, 12P TR(NPN) output	35,000
		LTPCM-DR30E1	AC 110~220V, 18P DC Input, 12P Relay output	36,500
	S Series	LTPCM-DN20S1	AC 110~220V, 12P DC Input, 8P TR(NPN) output	43,000
		LTPCM-DR20S1	AC 110~220V, 12P DC Input, 8P Relay output	44,000
		LTPCM-DN30S1	AC 110~220V, 18P DC Input, 12P TR(NPN) output	46,000
		LTPCM-DR30S1	AC 110~220V, 18P DC Input, 12P Relay output	48,500
		LTPCM-DN40S1	AC 110~220V, 24P DC Input, 16P TR(NPN) output	56,000
		LTPCM-DR40S1	AC 110~220V, 24P DC Input, 16P Relay output	58,000
		LTPCM-DN60S1	AC 110~220V, 36P DC Input, 24P TR(NPN) output	67,000
		LTPCM-DR60S1	AC 110~220V, 36P DC Input, 24P Relay Output	69,500
Option Board Modules (Common for E & S Series CPU)	Digital	LTPCO-DC04A1	4 point DC In	9,500
		LTPCO-TN04A1	4 point TR (NPN) output	9,500
	RTC	LTPCO-RTCA11	RTC (Real Time Clock), Battery	9,500
	Memory	LTPCO-M2MB11	Program R/W, Program back up	15,000
	Analog	LTPCO-AD02A1	2 Ch Analog Input (Current/Volt)	12,500
		LTPCO-DA02A1	2 Ch Analog Output (Current/Volt)	12,500
		LTPCO-AH02A1	1 Ch Analog Input / 1 Ch Analog Output (Current/Volt)	17,000
		LTPCO-RD01A1	1 Ch RTD	15,500
		LTPCO-TC02A1	2 Ch Thermocouple	18,000
U Series PLC	U Series	LTPCM-DN32UB	AC 110~220V, 16P DC Input, 16P TR(NPN) output	85,500
		LTPCM-DN32UA	AC 110~220V, 16P DC Input, 16P TR(NPN) output	1,31,500
		LTPCM-DN32UP	AC 110~220V, 16P DC Input, 16P TR(NPN) output	1,27,500
		LTPCM-DN32UB/DC	DC 24V, 16P DC Input, 16P TR(NPN) output	84,500
		LTPCM-DN32UA/DC	DC 24V, 16P DC Input, 16P TR(NPN) output	1,31,500
		LTPCM-DN32UP/DC	DC 24V, 16P DC Input, 16P TR(NPN) output	1,27,500
Expansion Modules (common for S & U Series CPU)	DI	LTPCE-DC08A1	8 point DC Input (DC24V)	13,500
		LTPCE-DC16B1	16 point DC Input (DC12V/DC24V)	17,500
		LTPCE-DC32A1	32 point DC Input (DC24V)	24,500
	DO	LTPCE-RY08A1	8 point Relay output	21,000
		LTPCE-RY08B1	8 point Relay output (isolated)	24,500
		LTPCE-RY16A1	16 point Relay output	29,500
		LTPCE-TN08A1	8 point TR (NPN) output	17,000
		LTPCE-TN16A1	16 point TR (NPN) output	19,500
		LTPCE-TN32A1	32 point TR (NPN) output	27,500

XLB series PLC - CPU [8537/8538]

Group	Series	Catalogue	Description	MRP
Expansion Modules (common for S & U Series CPU)	DI/DO	LTPCE-DR16A1	8 point DC Input (DC24V) / 8 point Relay output	23,000
	AI	LTPCF-AD04A1	4 Ch Analog Input (Current/Volt) (12BIT)	30,000
		LTPCF-AD08A1	8 Ch Analog Input (Current/Volt) (12BIT)	43,000
		LTPCF-AD04C1	4 Ch Analog Input (Current/Volt)(14BIT)	45,000
	AO	LTPCF-DC04A1	4 Ch Analog Output (Current) (12BIT)	39,000
		LTPCF-DV04A1	4 Ch Analog Output (Volt) (12BIT)	39,000
		LTPCF-DC04C1	4 Ch Analog Output (Current) (14BIT)	47,000
		LTPCF-DV04C1	4 Ch Analog Output (Volt) (14BIT)	47,000
	AI/AO	LTPCF-AH04A1	2 Ch Analog Input, 2 Ch Analog Output	40,000
		LTPCF-RD04A1	4 Ch RTD input	41,000
		LTPCF-TC04S1	4 Ch Thermocouple input	47,000
	Special	LTPCL-EMTA11	Ethernet I/F (Modbus TCP/IP)	34,500
		LTPCL-C41A11	Cnet (RS-422/485) I/F	82,500
Accessories	DI/DO cables & connector	XTB-40H-LT	Terminal Board, 40P	6,000
		C40HH-05SB-XBI-LT	Cable Assembly, 40p-40p, 0.5m	6,000
		C40HH-10SB-XBI-LT	Cable Assembly, 40p-40p, 1m	6,000
		C40HH-15SB-XBI-LT	Cable Assembly, 40p-40p, 1.5m	7,000
		C40HH-20SB-XBI-LT	Cable Assembly, 40p-40p, 2m	8,000
		C40HH-30SB-XBI-LT	Cable Assembly, 40p-40p, 3m	10,000
	Prog. Cable	PMC-310S-LT	Programming Cable (PC to PLC), 9pin(PC) -6pin(PLC)	3,500
		USB-301A2.0-LT	Programming Cable (PC to PLC), USB	3,000

Note : Programming software for E,S and U series PLC : XG5000

*Accessories required for 32channel DI/DO cards (2nos each card)

xP1000 Series PLC & Expansions [8537/8538]

Group	Series	Catalogue	Description	MRP
xP1000 Series PLC	xP1000 Series PLC	xP1000-MM1DR16AA11	xP1000 CPU, 8 DI, 8 RO, 2 Serial Port.	20,000
	xP1000 Expansions	xPEXPN-ME4DR16AA11	Expansion 8 DI/ 8 RO	9,000
		xPEXPN-ME2AX04AA11	Expansion 4 AI (Max. 24, 0-10V / 4-20mA)	8,000
		xPEXPN-ME3AY02AA11	Extension with 2 Analog Outputs (Max. 12, 0-10V / 4-20mA)	10,000

Note : Programming software for xP1000 Series PLC : XL Soft

xP Series Programmable Logic Controller (PLC) [8537/8538]

Category		Catalogue No.	Description	MRP (Rs)	
xP Series PLC	xP3000	xP3000-M1DR16AA111	xP3000, CPU, AC220, 09DI, 07DO RY	28,000	
		xP3000-M1DR24AA111	xP3000, CPU, AC220, 14DI, 10DO RY	33,000	
		xP3000-M1DR32AA111	xP3000, CPU, AC220, 20DI, 12DO RY	38,000	
		xP3000-M1DR40AA111	xP3000, CPU, AC220, 24DI, 16DO RY	41,000	
	xP5000	xP5000-M1DT16AA111	xP5000, CPU, DC24, 09DI, 07DO TP	30,000	
		xP5000-M1DU16AA111	xP5000, CPU, DC24, 09DI, 07DO TN	32,000	
		xP5000-M1DR16AA111	xP5000, CPU, AC220, 09DI, 07DO RY	33,000	
		xP5000-M1DU24AA111	XP5000 CPU DC24 14DI 10DO TN	38,000	
		xP5000-M1DT24AA111	XP5000 CPU DC24 14DI 10DO TP	37,000	
		xP5000-M1DR24AA111	XP5000 CPU AC220 14DI 10DO RY	39,000	
		xP5000-M1DT24EA111	XP5000 CPU DC24 14DI 10DO TP Eth.	40,000	
		xP5000-M1DU24EA111	xP5000, CPU, DC24, 14DI, 10DO TN Eth.	41,000	
		xP5000-M1DR24EA111	XP5000 CPU AC220 14DI 10DO RY Eth	43,000	
		xP5000-M1DU32AA111	xP5000, CPU, DC24, 20DI, 12DO TN	43,000	
		xP5000-M1DT32AA111	xP5000, CPU, DC24, 20DI,12DO TP	42,000	
		xP5000-M1DR32AA111	xP5000, CPU, AC220, 20DI, 12DO RY	44,000	
		xP5000-M1DR32EA111	xP5000, CPU, AC220, 20DI, 12DO RY, Eth	47,000	
		xP5000-M1DU40AA111	xP5000,CPU, DC24, 24DI, 16DO TN	45,000	
		xP5000-M1DT40AA111	XP5000 CPU DC24 24DI 16DO TP	44,000	
		xP5000-M1DR40AA111	xP5000, CPU, AC220, 24DI, 16DO RY,	48,000	
		xP5000-M1DT40EA111	XP5000 CPU DC24 24DI 16DO TP Eth.	48,000	
		xP5000-M1DU40EA111	xP5000, CPU, DC24, 24DI, 16DO TN, Eth.	49,000	
		xP5000-M1DR40EA111	XP5000 CPU AC220 24DI 16DO RY Eth	51,000	
		xP5000-M1DR60AA111	XP5000 CPU AC220 36DI 24DO RY	65,000	
		xP5000-M1DR60EA111	xP5000, CPU, AC220, 36DI, 24DO RY, 1 Eth	67,000	
		Expansion Modules	xPEXPN-XLE3DR08AA1	xPEXPN, 8 OUT RY	19,000
			xPEXPN-XLE4DR16AA1	xPEXPN, 8DC inputs ,8 relay outputs	23,000
			xPEXPN-XLE2DX16AA1	xPEXPN, 16 INPUTS	23,000
	xPEXPN-XLE3DU16AA1		xPEXPN, 16 OUT TR.NPN	25,000	
	xPEXPN-XLE3DR16AA1		xPEXPN, 16 OUT RY	27,000	
	xPEXPN-XLE3DT16AA1		xPEXPN, 16 OUT TR.PNP	27,000	
	xPEXPN-XLE4DR32AA1		xPEXPN, 16DC inputs ,16 relay outputs	37,000	
	xPEXPN-XLE2DX32AA1		xPEXPN, 32 INPUTS	37,000	
	xPEXPN-XLE3DT32AA1		xPEXPN, 32 OUT TR.PNP	43,000	
	xPEXPN-XLE3DU32AA1		xPEXPN, 32 OUT TR.NPN	45,000	
	xPEXPN-XLE2AI08AA1		xPEXPN, 8 ANALOG INPUTS	36,000	
xPEXPN-XLE3XQ04AA1	xPEXPN, 4 ANALOG OUTPUTS		43,000		
xPEXPN-XLE4AQ06AA1	xPEXPN, 4 AI 2 AO	47,000			
xPCTRG-XLO5CS01AB1	xPCTRG, 1 isolated serial line RS485	13,000			
xPCTRG-XLO4AH03AA1	xPCTRG, 2 analog input ,1 analog output	25,000			

Note : Programming software for xP3000 and xP5000 Series PLC : SmartComm_Commission_xP Suite

*Each 32-channel card requires two HE10 cables (purchased separately)



Bought Out : HE10 Cable

Category	Catalogue No.	Description	MRP (Rs)
xP Series PLC	xP6000M1DR18BA2E1	xP6000 Perf. Blind 18 I/Os, Eth, 2 RS485	60,000
	xP6000M1DR18DA2E1	xP6000 Perf. Display 18 I/Os, Eth, 2 RS485	65,000
	xP6000M1DR28BA0E1	xP6000 Perf. Blind 28 I/Os, Eth, 2 MB	62,000
	xP6000M1DR28BA2E1	xP6000 Perf Blind 28 I/O Eth 2 RS485 Isol	66,000
	xP6000M1DR28DA2E1	xP6000 Perf Display 28 I/O Eth 2RS485 Isol	72,000
	xP6000M1DR42DA2E1	xP6000 Perf Display 42 I/O Eth 2RS485 Isol	81,000
	xP6000M1DR42BA2E1	xP6000 Perf Blind 42 I/O Eth, 2 RS485 Isol	75,000
	xP6100M1DR22BA2E0	xP6100 Opt. Blind 22 I/Os, 2 RS485	35,000
	xP6100M1DR22DA2E0	xP6100 Opt. Display 22 I/Os, 2 RS485	40,000
	xPEXPNXLE7DR42AA1	xP6000 Expansion Module 14I/O	30,000
	xPEXPNXLE7DR102A1	xP6000 Expansion Module 28I/O	52,000
	xGWS00GW	xP6000 Gateway Secure Interface	50,000
	xGWS00PI	xP6000 PlugIn Secure Interface	50,000

Note : Programming software for xP6000 Series PLC : xP Logix

XT series HMI [8537]

Group	Series	Catalogue	Description	MRP
HMI	s-XT Series	LTOP-S04EDAB	s-XT HMI, 4" TFT, Ethernet, DC24V, CERTI	63,000
		LTOP-S07EDAB	s-XT HMI, 7" TFT, Ethernet, DC24V, CERTI	71,500
		LTOP-S10EDAB	s-XT HMI, 10" TFT, Ethernet, DC24V, CERTI	1,19,000
	xT1000 Series	xT1000-E104SDAAA1	xT1000 Series , 4" TFT, 1 Serial Port	24,000
		xT1000-E104EDAAA1	xT1000 Series , 4" TFT, 1 Serial Port, 1 Eth	26,000
		xT1000-E107SDAAA1	xT1000 Series , 7" TFT, 2 Serial Port	29,000
		xT1000-E107EDAAA1	xT1000 Series , 7" TFT, 2 Serial Port, 1 Eth	37,000
		xT1000-E110SDAAA1	xT1000 Series , 10" TFT, 2 Serial Port	56,000
		xT1000-E110EDAAA1	xT1000 Series , 10" TFT, 2 Serial Port, 1 Eth	67,000
	xTE6000 Series	xTE6000-07EDAA1	xTE6000 Series, 7" HMI, DC 24V, Eth	41,000
		xTE6000-10EDAA1	xTE6000 Series, 10" HMI, DC 24V, Eth	88,000
		xTE6000-12EDAA1	xTE6000 Series, 12" HMI, DC 24V, Eth	2,12,000
		xTE6000-15EDAA1	xTE6000 Series, 15" HMI, DC 24V, Eth	2,63,000
	xTS6000 Series	xTS6000-04EDAA1	xTS6000 Series, 04 inch Advance HMI	49,000
		xTS6000-07EDAA1	xTS6000 Series, 07 inch Advance HMI	1,40,000
		xTS6000-10EDAA1	xTS6000 Series, 10 inch Advance HMI	2,05,000
		xTS6000-12EDAA1	xTS6000 Series, 12 inch Advance HMI	2,80,000
		xTS6000-15EDAA1	xTS6000 Series, 15 inch Advance HMI	3,32,000

Note:

Configuration software for s-XT HMI : XP-Builder

Configuration software for xT1000 HMI : xP Studio

Configuration software for xTE6000 & xTS6000 HMI : GP-Pro EX

*xTS6000 HMI needs License to download the project.

GP-Pro EX Software for xTS6000 Series HMI [8537]

Group	Series	Catalogue	Description	MRP
Software	GP-Pro Ex License	PFXEXBT5SA	GP-Pro EX V5 single lic. (1 seat)	40,000
		PFXEXBT5GA	GP-Pro EX V5 group lic. (3 seats)	80,000
		PFXEXBT5TA	GP-Pro EX V5 team lic. (10 seats)	1,60,000
		PFXEXBT5EA	GP-Pro EX V5 entity lic. (100 seats)	2,38,000



Active Harmonic Filters

Features:

- › Mitigates 2nd to 50th order Harmonics
- › Reduces THD within IEEE limits
- › Improves power factor
- › Load balancing and neutral current reduction
- › Any number of units can be connected in parallel
- › 7 inch TFT touch screen for monitoring and diagnostics
- › Modular design for easy maintenance and upgradation
- › Various alarms for easy diagnostics

Range: 30A to 600A in 3-Ph 3-W and up to 300A in 3-Ph 4-W versions



High V-THD Reactors

Features:

- › Operates at safer temperature. It will not overheat due to high V-THD%.
- › Lower Power loss and doesn't make humming noise.
- › Mitigates significant current harmonic amplification & resonance.
- › Avoids capacitor over-loading, AHF rating can be optimized

Range: 5 kVAR to 100 kVAR



High V-THD Reactors

Features:

- › Glimpse of entire energy consumption in the plant on a dashboard
- › Quick understanding of energy consumption
- › Easy navigation through the modules
- › All parameters in the device can be monitored from the software
- › Multiple combination of devices and parameters for analysis
- › Various spreadsheet reports with charts
- › Specific energy consumption report
- › Access to features defined by user levels
- › E&A meters preconfigured in the software
- › Provision for auto emails and SMS
- › Provision for Breaker status monitoring of ON, OFF, TRIP and RTC status along with control through UNCO module.

SmartComm Integrated Solution

Integration | Monitoring | Protection | Control | Reporting

Features:

- › Real-time communication for Monitoring, Control & Diagnostics generates immediate reports
- › Single platform integrating entire range of E&A communicable products with option of integrating third party products
- › Supports multiple protocols and drivers like Modbus TCP/IP, Modbus RTU, BACnet, IEC 61850, DeviceNet, Profibus & ProfiNet
- › Customised SLD Creation by user based on IEC 617-2-8 symbol library
- › Real-time & historical trends for user-selectable parameters
- › Fully customized reports with user-created templates
- › System provides various alarms & events - alerts & acknowledgement
- › Email/SMS facility for predetermined events/schedules/alerts user management



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Product improvement is a continuous process. For the latest information and special application, please contact any of our offices listed here. Product photographs shown for representative purpose only.



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