

Emotron VSX



Emotron VSX Series Drives offer customised solutions for your required application in an incredibly compact design with technologically advanced package capable of driving Induction and Permanent magnet motor. The LCD graphical display offers user-friendly interface and set up will have your system up and running in time.



Range : 0.75 kW to 22 kW

Current : 2.5 Amp to 45 Amp

Voltage : 3 Phase 380 to 480 VAC/50Hz



Unique Features

- LCD graphical display with Oscilloscope feature as standard
- Optimized and compact structural design, leading technology platform
- Strong overload capability with 200% of rated load for 1 sec
- High-speed pulse input and output up to 100 KHz
- Compatible for Induction Motor and Permanent Magnet Motor
- V/F fully separated and semi-separated operation
- Built-in PLC Logic Functions, Virtual Digital I/Os with multi Logic functions, timer and comparators
- Built-in C3 Class EMC Filter
- EmoWizard tool for convenient debugging

Benefits

- Excellent performance with high start torque characteristic
- Robust Drive with conformal coated boards enables application in hot and humid climate
- Efficient cooling, improved reliability with independent air duct design

Applications

Fan, Pump, Blower, Crusher, Crane Hoist, Feeders Extruder and many more.

Emotron VSX, 3-phase Supply $U_n = 415\text{ V} \pm 20\%$, IP20

Model	Normal Duty (120%, 1min every 10min)			Heavy Duty (150%, 1min every 10min)			High Overload ability		Weight kg	Dimensions [W*H*D] mm,
	P nom [kW]	I nom [A]	I max * [A]	P nom [kW]	I nom [A]	I max * [A]	I max (180%, 10s)	I max (200%, 1s)		
VSX48-003-20CEB	1.5	4.2	5.0	0.75	2.5	3.8	4.5	5	1.25	80X200X150
VSX48-004-20CEB	2.2	5.5	6.6	1.5	4.2	6.3	7.6	8.4		
VSX48-006-20CEB	3.7	9.5	11.4	2.2	5.5	8.3	9.9	11		
VSX48-009-20CEB	5.5	13	15.6	3.7	9.5	14.3	17.1	19	2.5	116.6X186.6X175
VSX48-013-20CEB	7.5	17	20.4	5.5	13	19.5	23.4	26		
VSX48-017-20CEB	11	25	30	7.5	17	25.5	30.6	34	3.9	146X249X177
VSX48-024-20CEB	15	32	38.4	11	25	37.5	45	50		
VSX48-032-20CEB	18.5	37	44.4	15	32	48.0	57.6	64	6.2	198X300X185
VSX48-038-20CEB	22	45	54	18.5	37	55.5	66.6	74		
VSX48-045-20CEB	30	57	68.4	22	45	67.5	81	90		