E·T·N
Powering Business Worldwide

9PX6KIPM31 + 9PXEBM240

Eaton 9PX 6000 3:1

General

Topology	On-line double conversion with PFC (Power Factor Correction) system
Configuration	Rack/Tower
Part Number	9PX6KIPM31 + 9PXEBM240
Rating (VA/Watts)	6000/5400
Dimensions (H x W x D, mm)	440 x 260 x 700
Weight (kg)	88
Warranty	3 years electronics, 2 years battery

Electrical Input

Connection	Hardwired - see manual for terminal block layout
Input Voltage Range	305V-480V without derating (up to 175V-480V with derating)
Nominal Voltage	380/400/415V
Frequency	50/60 Hz autoselection
Frequency Range	40-70 Hz
Short Circuit Current	90 A
THDI	<5%

Electrical Output

Voltages	200/208/220/230/240V +/– 1%
Voltage THD	< 2%
Output Receptacles	Hardwired - see manual for terminal block layout
Overload Capacity	102–110% : 120s, 110–125%: 60s, 125–150%: 10s, >150%: 900ms
Efficiency (Normal Mode)	Up to 94% in Online mode, 98% in Hi-Efficiency mode
Output Frequency	50/60 Hz autoselect, frequency converter as standard

Battery

Battery Management	ABM® and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units.
Extended Battery Capability	EBM (3U)

Communications

User Interface	Multilingual graphical LCD display
Communication Ports	1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 mini terminal block for remote On/Off and 1 for remote power Off, 1 DB15 for parallel operation
Communication Slot	1 slot for Network-MS card, ModBus-MS or Relay-MS cards.

Environmental & Standards

Audible Noise	<48dB

Operating Temperature	0 to 40°C continuous
Safety markings	IEC/EN 62040-1, CSA 22.2
EMC Markings	IEC/EN 62040 -2 , IEC/EN 62040-3 (Performance)
Approvals	CE, CB report (TUV), C-Tick

In the interests of continuous product improvement all specifications are subject to change without notice.

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