

Q64PN

Power Supply Module

**New high capacity power supply module
supporting wide range 100 to 240 V AC!**

Features

Previously

100 to 120 V AC

or

Q64P

200 to 240 V AC



When using the Q64PN

100 to 240 V AC

Q64PN



- 1.** Covers a wide input voltage range from 100 to 240 V AC.
Reliable even at a temporary voltage fluctuation.
- 2.** Supports momentary voltage drop from 200 to 100 V AC required in the SEMI-F47 standard. (Usable for semiconductor manufacturing equipment.)
- 3.** Conforms to UL/cUL and CE standards.
- 4.** Offers interchangeability with existing Q64P model.

Mitsubishi Electric Corporation Nagoya Works is a factory certified for ISO14001 (standards for environmental management systems) and ISO9001 (standards for quality assurance management systems)



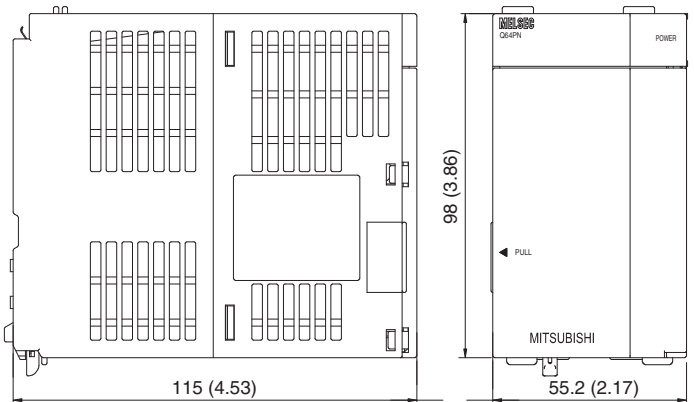
Specifications

Item		Specifications	
Input	Rated input voltage	100 to 240 V AC	
	Variable input voltage range	85 to 264 V AC (-15 to +10% of rated input voltage)	
	Input frequency	50/60 Hz ±5%	
	Allowable momentary power failure period	20 ms or less	
	Inrush current	20A, 8 ms or less	
	Max. input apparent power	160 VA	
	Efficiency	70% or more	
Output	ERR contact output	24 V DC, 0.5 A	
	Rated output current	5 V DC	8.5 A
		24 V DC	N/A
	Overcurrent protection	9.9 A or more	
	Overvoltage protection	5.5 to 6.5 V	

External dimensions

Q64PN

Unit: mm (inch)



Product list

Product name	Model	Model code
Power supply module	Q64PN	1W4C12

Manuals

Manual name	Manual supply status	IB/SH No.	Model code
QCPU User's Manual (Hardware Design, Maintenance and Inspection)	Sold separately	SH-080483ENG-J or later	13JR73
QCPU (Q mode) CPU Module User's Manual (Hardware)	Sold separately (Shipped with base unit)	IB-0800061-X or later	13JL96

Country/Region	Sales office	Tel/Fax	Country/Region	Sales office	Tel/Fax
USA	Mitsubishi Electric Automation Inc. 500 Corporate Woods Parkway, Vernon Hills, IL 60061, USA	Tel: +1-847-478-2100 Fax: +1-847-478-0327	Taiwan	Setস্যু Enterprise Co., Ltd. 6F, No.105 Wu-Kung 3rd Rd, Wu-Ku Hsiang, Taipei Hsine, Taiwan	Tel: +886-2-2299-2499 Fax: +886-2-2299-2509
Brazil	MELCO-TEC Rep. Com.e Assessoria Tecnica Ltda. Rua Correia Dias, 184, Edificio Paraiso Trade Center-8 andar Paraiso, Sao Paulo, SP Brasil	Tel: +55-11-5908-8331 Fax: +55-11-5574-5296	Korea	Mitsubishi Electric Automation Korea Co., Ltd. 3F, 1480-6, Gayang-dong, Gangseo-gu, Seoul 157-200, Korea	Tel: +82-2-3660-9552 Fax: +82-2-3664-8372
Germany	Mitsubishi Electric Europe B.V. German Branch Gothaer Strasse 8, D-40880 Ratingen, Germany	Tel: +49-2102-486-0 Fax: +49-2102-486-1120	Singapore	Mitsubishi Electric Asia Pte. Ltd. 307 Alexandra Road #05-01/02, Mitsubishi Electric Building Singapore 159943	Tel: +65-6470-2460 Fax: +65-6476-7439
UK	Mitsubishi Electric Europe B.V. UK Branch Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, UK	Tel: +44-1707-276100 Fax: +44-1707-278992	Thailand	Mitsubishi Electric Automation (Thailand) Co., Ltd. Bang-Chan Industrial Estate No.111, Soi Serithai 54, T. Kannayao, 10230 Thailand	Tel: +66-2-517-1326 Fax: +66-2-906-3239
Italy	Mitsubishi Electric Europe B.V. Italian Branch Viale Colleoni 7 1-20041 Agrate Brianza (Milano), Italy	Tel: +39-39-60531 Fax: +39-39-6053312	Indonesia	P.T. Autoteknindo Sumber Makmur Muara Karang Selatan Block A/Utara No.1 Kav. No.11, Kawasan Industri/ Pergudangan, Jakarta - Utara 14440, P.O. Box 5045 Jakarta 11050, Indonesia	Tel: +62-21-663-0833 Fax: +62-21-663-0832
Spain	Mitsubishi Electric Europe B.V. Spanish Branch Carretera de Rubi 76-80 E-08190 Sant Cugat del Valles (Barcelona), Spain	Tel: +34-93-565-3131 Fax: +34-93-589-1579	India	Messung Systems Pvt., Ltd. Electronic Sadan NO: III Unit No.15, M.I.D.C. Bhosari, Pune-411026, India	Tel: +91-20-2712-3130 Fax: +91-20-2712-8108
France	Mitsubishi Electric Europe B.V. French Branch 25, Boulevard des Bouvets, F-92741 Nanterre Cedex, France	Tel: +33-1-5568-5568 Fax: +33-1-5568-5757	Australia	Mitsubishi Electric Australia Pty. Ltd. 348 Victoria Road, Rydalmere, NSW 2116, Australia	Tel: +61-2-9684-7777 Fax: +61-2-9684-7245
South Africa	Circuit Breaker Industries Ltd. Private Bag 2016, ZA-1600 Isando, South Africa	Tel: +27-11-928-2000 Fax: +27-11-392-2354			
Hong Kong	Mitsubishi Electric Automation (Hong Kong) Ltd. 10F, Manulife Tower, 169 Electric Road, North Point, Hong Kong	Tel: +852-2887-8870 Fax: +852-2887-7984			
China	Mitsubishi Electric Automation (Shanghai) Ltd. 4F Zhi Fu Plaza, No. 80 Xin Chang Road Shanghai 200003, China	Tel: +86-21-6120-0808 Fax: +86-21-6121-2444			

MITSUBISHI ELECTRIC CORPORATION

HEAD OFFICE: TOKYO BUILDING, 2-7-3 MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN
NAGOYA WORKS: 1-14, YADAMINAMI 5, HIGASIKU, NAGOYA, JAPAN