



DX80G9M6S-P2

► PERFORMANCE SERIES GATEWAYS AND NODES



DX80 Perf 900MHz Gateway 1W IP67
10-30Vdc Ext Antenna RS485
In: 4 Disc 2 Anlg Uni
Out: 4 Disc PNP 2 Anlg 0-20mA
Part Number: 17441

CERTIFICATIONS



SPECIFICATIONS

Housing Style	Enclosed Terminals
Device Type	Gateway
Analog Inputs	Yes
Analog Outputs	Yes

Discrete Outputs	Yes
Input Details	4 Selectable Discrete, 2 0-20 mA or 0-10 V
Output Details	4 Sourcing Discrete, 2 0-20mA Analog
Power Supply	10-30V dc
Environmental Rating (IP)	IP67
Environmental Rating (NEMA)	NEMA 6
LCD Display	Yes
Max Operating Temperature (°C)	85
Min Operating Temperature (°C)	-40
Relative Humidity	95%
Point-to-Multipoint Topology	Yes
Point-to-Point Topology	Yes
Star Topology	Yes
Tree Topology	No
Feature: Hazardous Area	No
Modbus RTU	Yes
RS-485	Yes
Wireless	Yes
Radio Frequency	900 MHz
Input/Output	Analog & Discrete

SINGLE ENDED CORDSETS

	MQDC1-501.5
	Euro-style Quick Disconnect Cable; 5-pin Straight Connector; 0.5 m (1.5 ft) in Length; Chrome plated Brass Coupling Nut
	MQDC1-506
	Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 2 m (6.5 ft) in Length; Chrome plated brass coupling nut
	MQDC1-506RA
	Euro-Style Quick Disconnect Cable; 5-Pin Right-Angle Connector; 2 m (6.5 ft) in Length; Chrome-plated brass coupling nut
	MQDC1-515
	Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 5 m (15 ft) in Length; Chrome plated brass coupling nut
	MQDC1-515RA
	Euro-Style Quick Disconnect Cable; 5-Pin Right-Angle Connector; 5 m (15 ft) in Length; Chrome-plated brass coupling nut
	MQDC1-530
	Euro-style Quick Disconnect Cable; 5 Pin Straight Connector; 9 m (30 ft) in Length; Chrome plated brass coupling nut
	MQDC1-530RA
	Euro-Style Quick Disconnect Cable; 5-Pin Right-Angle Connector; 9 m (30 ft) in Length; Chrome-plated brass coupling nut

ACCESSORIES

	SMBAMS18RA
	Bracket: Right-angle SMBAMS series with; 18 mm hole for mounting sensors; Articulation slots for 90 plus degree rotation; 12-ga. (2.6 mm) Cold-rolled Steel
	BWA-CG.5-10
	Cable Gland; 1/2-inch NPT Cordgrip; For 0.17-0.45 in diam; 10 Pack

	Cord grip; 1/2-inch NPT 2 holes of 1.2 - 2.5 mm dia; 10 Pack
	BWA-CG.5-3X5.6-10
	Cord grip; 1/2-inch NPT 3 holes of 2.8 - 5.6 mm dia ; 10 Pack
	BWA-CG.5-6X3.0-10
	Cord grip; 1/2-inch NPT 6 holes of 1.5 - 3.0 mm dia; 10 Pack
	BWA-CG.5-6X4.0-10
	Cord grip; 1/2-inch NPT 6 holes of 2.0 - 4.0 mm dia; 10 Pack
	BWA-HP.5-10
	Hole Plugs; 1/2-inch NPT; 10 Pack
	BWA-HW-001
	Mounting Hardware; M5 bolt set
	BWA-HW-004
	Replacement Seal Pack; O-Ring Gasket Rotary Cover
	BWA-HW-006
	Adapter Cable; RS-485 to USB; For 65mW or 150mW Models
	BWA-HW-007
	Housing Kits for DX80; 10 tops and bottoms
	BWA-HW-009
	Accessories Pack for Solar Power Assembly; Brackets bolts set screws
	BWA-HW-031
	Vent Plug; 1/2-in NPT Port; IP67

	BWA-RELAY-12V
	BWA-RELAY-24V
	BWA-RELAY-24V
	BWA-RH1B-UDC12V
	Power Relay, SPDT, 12VDC, 10A; Plug In
	BWA-RH1B-UDC24V
	Power Relay; SPDT; 24 VDC; 10A; PLUG IN
	BWA-RIBBON-001
	Ribbon Cable; 20-pin DBL socket
	BWA-SH1B-05
	Relay Socket; 5 Pin; 10A; Plug in
	BWA-SOLAR CNTRL-12V
	Solar Controller; 6A Load Current 12 V System Voltage; Recommended for 20 watts or less Solar Panel; and Sealed Lead Acid Battery (SLA)
	BWA-SOLAR PANEL 20W
	Solar Panel; 12V 20W Multicrystalline; 573 x 357 x 30 mm; (L) style mounting bracket included
	BWA-SOLAR PANEL 3W
	Solar Panel; 12V 3W Multicrystalline; 188 x 195 x 15 mm; Wall/Pole clamp style mounting bracket included
	BWA-SOLAR PANEL 5W
	Solar Panel; 12V 5W Multicrystalline; 270 x 222 x 17 mm; Wall/Pole clamp style mounting bracket included
	BWA-UCT-900
	Adapter Cable; RS-485 to USB; Includes AC Wall Plug; For up to 1W Models

	Surge Suppressor Bulkhead; N Female to N Male; DC Blocking
	BWC-LMRSFRPB
	Surge Suppressor Bulkhead; RP-SMA
	IB6RP
	Interface box; Six Discrete PNP inputs; Six Independent SPST relay outputs; Six Amber Indicator LEDs Signal
	PS24W
	DC Power Supply; 24Vdc 1A; Wall Plug
	PSDINP-24-06
	DC Power Supply Din Rail Mount C1D2 ; Input 100-240 V ac 50/60 Hz; Output 24-28 Vdc 0.6 Amps 15W; Terminal Block Connectors
	PSDINP-24-25
	DC Power Supply Din Rail Mount C1D2 ; Input 100-240 V ac 50/60 Hz; Output 24-28 Vdc 2.5 Amps 60W; Terminal Block Connectors
	SMBDX80DIN
	Bracket: DIN Rail Assembly; For DX80
	DIN-35-105
	DIN Rail Section; 35mm Design; 105mm long
	DIN-35-140
	35 mm DIN Rail Track; 140 mm length track; Accommodates up to 8 MD 14 Amplifiers
	DIN-35-70
	35 mm DIN Rail Track; 70 mm length track; Accommodates up to 4 MD 14 Amplifiers
	PSDINP-24-13
	DC Power Supply Din Rail Mount C1D2 ; Input 100-240 V ac 50/60 Hz; Output 24-28 Vdc 1.3 Amps 30W; Terminal Block Connectors

	BWA-902-C Antenna Omni 900MHz; 2 dBi Rubber Swivel; RP-SMA MALE
	BWA-902-D Antenna 900 MHz 2 dBi Omni Dome RPSMA Box Mount; 18 in Cable
	BWA-902-RA Antenna Omni 900MHz; 1/4 Wave 2 dBi Fixed Right Angle; RP-SMA MALE 40MM
	BWA-905-C Antenna Omni 900MHz; 5 dBi Rubber Swivel; RP-SMA MALE
	BWA-906-A Antenna Omni 900MHz; 6 dBd/8.2 dBi Fiberglass 6-foot; N Female
	BWA-906-AS Antenna Omni 900MHz 6 dBi Fiberglass 23.6 in N female
	BWA-908-AS Antenna Omni 900MHz 8 dBi Fiberglass 6-foot N female
	BWA-9Y10-A Antenna Yagi 900MHz; 10 dBd/12.2 dBi; N FEMALE
	BWA-9Y6-A Antenna Yagi 900 MHz; 6.5 dBd/8.7 dBi; N FEMALE

ANTENNA ACCESSORIES

	BWC-1MRSFRSB0.2 Cable Antenna RG58; RP-SMA TO RP-SMA Female Bulkhead; 0.2 m
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	Cable Antenna RG58; RP-SMA TO RP-SMA Female Bulkhead; 1 m
	BWC-1MRSFRSB2
	Cable Antenna RG58; RP-SMA TO RP-SMA Female Bulkhead; 2 m
	BWC-1MRSFRSB4
	Cable Antenna RG58; RP-SMA TO RP-SMA Female Bulkhead; 4 m
	BWC-1MRSMN05
	Cable Antenna LMR200; RP-SMA TO N Male; 0.5 m
	BWC-1MRSMN2
	Cable Antenna LMR200; RP-SMA TO N Male; 2 m
	BWC-2MRSFRS12
	Cable Antenna PFP195; RP-SMA Male to RP-SMA Female; 40 ft
	BWC-2MRSFRS3
	Cable Antenna PFP195; RP-SMA Male to RP-SMA Female; 10 ft
	BWC-2MRSFRS6
	Cable Antenna PFP195; RP-SMA Male to RP-SMA Female; 20 ft
	BWC-2MRSFRS9
	Cable Antenna PFP195; RP-SMA Male to RP-SMA Female; 30 ft
	BWC-4MNFN15
	Cable Antenna LMR400; N Male to N Female; 15 m
	BWC-4MNFN3
	Cable Antenna LMR400; N Male to N Female; 3 m



Cable Antenna LMR400; N Male to N Female; 30 m



BWC-4MNFN6

Cable Antenna LMR400; N Male to N Female; 6 m



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