DX80N2X1S-P4E

▶ PERFORMANCE SERIES GATEWAYS AND NODES

DX80 Performance 2.4GHz Node 65mW IP65 Integrated Battery External Antenna

Input: 4 RTD

Part Number: 18093

CERTIFICATIONS

cULus   CSA C US   CE

SPECIFICATIONS

Housing Style	Integrated Battery
Device Type	Node
Input/Output	RTD
Input Details	4 RTDs
Power Supply	D-Cell Lithium
Environmental Rating (IP)	IP65
Environmental Rating (NEMA)	NEMA 4x
Hazardous/Intrinsically Safe Classification	Class I, Division 2/Zone 2; ATEX Zone 2
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	Yes
Application: Temperature Input	Yes
EtherNet/IP	No
Modbus RTU	No
Modbus/TCP	No
RS-232	No
RS-485	No
Wireless	Yes
Wireless Radio Frequency	2.4 GHz
1-wire Serial Interface	No
Ships With Battery	Yes

RECOMMENDED PRODUCTS

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

ADAPTERS, BRACKETS, CLAMPS AND MOUNTING ACCESSORIES

	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
	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
	SMBDX80DIN Bracket: DIN Rail Assembly; For DX80

ANTENNAS

	BWA-2O1-001
	Antenna 2.4GHz 1dB, 1 in short, RP-SMA
	BWA-2O2-C
	Antenna Omni 2.4GHz; 2 dBi Rubber Swivel; RP-SMA MALE
	BWA-2O2-D
	Antenna 2.4 GHz 2 dBi Omni Dome RPSMA Box Mount; 18 in Cable
	BWA-2O5-C
	Antenna Omni 2.4GHz; 5 dBi Rubber Swivel; RP-SMA MALE
	BWA-2O5-M
	Antenna Omni 2.4 GHz; 5 db Mini Mag; RP-SMA Male 12 ft Cable
	BWA-2O6-A
	Antenna Omni 2.4GHz; 6 dBi Fiberglass 16- in Outdoor; N Female
	BWA-2O7-C
	Antenna Omni 2.4GHz; 7 dBi Rubber Swivel; RP-SMA MALE
	BWA-2O8-A
	Antenna Omni 2.4GHz; 8.5 dBi Fiberglass 24- in Outdoor; N Female

ANTENNA ACCESSORIES

	BWC-1MRSFRSB0.2
	Cable Antenna RG58; RP-SMA TO RP-SMA Female Bulkhead; 0.2 m
	BWC-1MRSFRSB1
	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
	BWC-4MNFN30 Cable Antenna LMR400; N Male to N Female; 30 m
	BWC-4MNFN6 Cable Antenna LMR400; N Male to N Female; 6 m

HARDWARE

	BWA-HP.5-10 Hole Plugs; 1/2-inch NPT; 10 Pack
	BWA-HW-001 Mounting Hardware; M5 bolt set
	BWA-HW-007 Housing Kits for DX80; 10 tops and bottoms
	BWA-HW-031 Vent Plug; 1/2-in NPT Port; IP67

BATTERY PACKS

	BWA-BATT-001 Replacement Battery; 3.6V D Lithium Cell
	BWA-BATT-011 Replacement Battery; 3.6V D Lithium Cell Standard
	DX81-LITH DX81 Battery Unit Single 3.6 V Lithium Battery
	DX81H DX81 Battery Supply; Intrinsically Safe
	DX81P6 DX81 Battery Supply; 6-pack Battery

ACCESSORIES

	BWA-CG.5-10 Cable Gland; 1/2-inch NPT Cordgrip; For 0.17-0.45 in diam; 10 Pack
	BWA-CG.5-2X2.5-10 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-HW-004 Replacement Seal Pack; O-Ring Gasket Rotary Cover
	BWA-RELAY-12V 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
	BWC-LFNBMN-DC 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
	BWA-HW-032 Access Hardware for E Housing; One 1/2-in plug On 1/2-in gland