

Modicon X80 module platform

Dedicated parts for severe environments

X80 I/O expansion modules, communication modules, and gateway for severe environments



BMECRA31210C



BMXCRA31210C



PMEPM0100H



BMXNRP020C



BMECM0100H



BMENOS0300C



TCSEGA23F14FK

References

X80 Remote I/O drop adapters for severe environments

Description	SERVICE port	Reference	Weight kg/lb
X80 Remote I/O drop adapter	1	BMECRA31210C	—
X80 Remote I/O drop adapter	1	BMXCRA31210C	—

X80 Serial link module for severe environments

Description	Protocol	Physical layer	Reference	Weight kg/lb
Serial link module (2 channels)	Modbus client/server RTU/ASCII, Character mode, GSM/GPRS modem	1 non-isolated RS 232 channel (SL0) 2 isolated RS 485 channels (SL0 and SL1)	BMXNOM0200H	0.230/ 0.507

X80 CANopen client module for severe environments

Description	Protocols	Physical layer	Reference	Weight kg/lb
CANopen communication module	CiA 301 V4.2 standard (client or server); Ethernet/IP	ISO 11898 (9-way SUB-D connector)	BMECM0100H	0.200/ 0.441

X80 PROFIBUS DP module for severe environments

Description	Protocols	Physical layer	Reference	Weight kg/lb
X80 Profibus DP Master module	Implicit exchange of process data	EIA-485 (optical, MBP)	PMEPM0100H	0.270/ 0.595

X80 PROFIBUS DP network gateway for severe environments

Description	Protocols	Physical layer	Reference	Weight kg/lb
Profibus Remote Master (PRM) module	Modbus TCP	1 Ethernet switch, 2 ports 10BASE-T/ 100BASE-TX	TCSEGA23F14FK	—
	Profibus DP V1 and Profibus PA (via gateway)	1 isolated RS 485 Profibus DP port		

Modbus Plus Proxy module for severe environments

Description	Supplied with	Reference	Weight kg/lb
Modbus Plus Proxy module	2 front-mounted power supply connectors (2 positions)	TCSEGB23F24FK	—

X80 Fiber converter modules for severe environments (1) (2)

Description	Optical fiber	Reference	Weight kg/lb
Modules for fiber optic communications over long distances	Multimode	BMXNRP0200C	—
	Single-mode	BMXNRP0201C	—

X80 Ethernet switch module for severe environments

Description	SERVICE port	Device network port(Ethernet)	Reference	Weight kg/lb
Ethernet switch module	1	2	BMENOS0300C	—

Connection accessories

Designation	Description	RS 232 interface	Reference	Weight kg/lb
Cordset for DCE terminal (modem, etc.)	Equipped with 1 x RJ45 connector and 1 x 9-way male SUB-D connector Length 3 m/9.84 ft	Simplified 4-wire (RX, TX, RTS, and CTS)	TCSMCN3M4M3S2	0.150/ 0.331
		Full 8-wire (except RI signal)	TCSXCN3M4F3S4	0.165/ 0.364

(1) Requires Unity Pro Extra Large software ≥ V7.0; see our website www.se.com.

(2) Supports operation at -25 to 60°C / -13 to 140°F.