

Modicon TSX Micro automation platform

Modbus Plus network

Reference



TSX MBP 100



170 PNT 110 20

Description	Number per PLC Use	Addr.	Composition	Reference	Weight kg
Modbus Plus PCMCIA card	1 with TSX Micro Type III slot on: TSX 37 21/22 PLC 1 with Premium/Atrium TSX 57 10/20/30/40 Atrium T PCX 57 20/30 coprocessor	1	1 PCMCIA type III card	TSX MBP 100	0.110

Description	Connection	Addr.	Reference (1)	Weight kg
Communication module for Momentum I/O base units	Modbus Plus network on Momentum I/O base units	2	170 PNT 110 20	0.110

Connection accessories (1)

Description	Use	Mounting	Addr.	Reference	Weight kg
Modbus Plus taps	IP 20 tee, requires the wiring tool 043 509 283	–	5	990 NAD 230 00	0.230
	IP 20 tap for tap link connection (screw terminal connection), supports 1 RJ45 connector on front panel	DIN rail Mounting plate	6	990 NAD 230 20	–
			6	990 NAD 230 21	–
	IP 65 tap for tap link connection (tee), supports 1 RJ45 connector on front panel		6	990 NAD 230 10	0.650
	IP 20 tee with 2 RJ45 connectors for Modbus Plus cable and 1 9-way SUB-D connector for tap link devices		7	170 XTS 020 00	0.260
Line terminators (set of 2)	2 impedance adapters for local site tap (IP 20) 990 NAD 230 00		11	AS MBKT 185	–
	2 impedance adapters for tap (IP 20) 990 NAD 230 20/21		11	990 NAD 230 22	–
	2 impedance adapters for local site tap (IP 65) 990 NAD 230 10		11	990 NAD 230 11	–
	2 impedance adapters for tee (IP 20) 170 XTS 020 00		12	170 XTS 021 00	–
Mounting kit for IP 65 tee	DIN rail mounting for 990 NAD 230 10 local site tap		–	990 NAD 230 12	–
Protector pack	Replacement port protectors to prevent ingress into the RJ45 quick connect programming port of 990 NAD 230 10 tap		Sold in lot of 4	990 NAD 230 23	–
Wiring tool	Mounting trunk and tap wires in the local site tap.		–	043 509 383	–

Connection cables (1)

Description	Use		Addr.	Length	Reference	Weight kg	
	From	To					
Modbus Plus trunk cables	Local site tap	Local site tap	990 NAD 230 00/10	3	30 m	490 NAA 271 01	–
					150 m	490 NAA 271 02	–
					300 m	490 NAA 271 03	–
					450 m	490 NAA 271 04	–
					1,500 m	490 NAA 271 06	–
Drop cables	IP 20 170 XTS 020 00 tee	IP 20 170 XTS 020 00 tee	4	4	0.25 m	170 MCI 020 10	–
					1 m	170 MCI 020 36	–
					3 m	170 MCI 021 20	–
					10 m	170 MCI 020 80	–
	PCMCIA card TSX MBP 100 (miniature connector)	Drop cable with 9 way male SUB-D connector	10	10	0.2 m	TSX MBP CE 002	–
					3 m	TSX MBP CE 030	0.340
					6 m	TSX MBP CE 060	0.530
	Communication module for Momentum I/O base units	Local site tap 990 NAD 230 00/10	9	9	2.4 m	990 NAD 211 10	0.530
					6 m	990 NAD 211 30	0.530

(1) For other Modbus Plus network connecting cables and accessories, please consult your Regional Sales Office.
 (2) DIN rail mounting with the kit 990 NAD 230 12.



TSX MBP CE 030/060