Modicon Quantum automation platform
Modbus Plus network

References (continued)

Connection cables

Description	Length m/*ft*	Item	Reference	Weight kg/*lb*
Modbus Plus standard cables	30.5/*100.07*	–	**490NAA27101**	–
	152.5/*500.33*	–	**490NAA27102**	–
	305/*1000.65*	–	**490NAA27103**	–
	457/*1558.39*	–	**490NAA27104**	–
	1525/*5003.27*	–	**490NAA27106**	–
Modbus Plus drop cables	2.4/*7.87*	18	**990NAD21110**	–
	6/*19.68*	–	**990NAD21130**	–
PC programming cable/ T-connector	3.05/*10.01*	19	**990NAA21510**	–
Modbus Plus RS 485 cable	0.25/*0.82*	22	**170MCI02010**	–
	1/*3.28*	–	**170MCI02036**	–
Modbus Plus RS 485 Master communication cable (RJ45/RJ45)	0.3/*0.98*	–	**170MCI04110**	–
Modbus Plus RJ45 cable	3/*9.84*	20	**170MCI02120**	–
Modbus Plus differential RJ45 cables	3/9.84	–	**170MCI02180**	–
	10/*32.81*	23	**170MCI02080**	–
Cable (RJ45/RJ45)	1/*3.28*	–	**110XCA28201**	–
	3/*9.84*	–	**110XCA28202**	–
	6/*19.68*	–	**110XCA28203**	–

Cabling accessories

Description	Type	Item	Reference	Weight kg/*lb*
Modbus Plus power supply module connector	IP 20	–	**140XTS00500**	–
Modbus Plus D-shell adaptor for AT serial port	9-way RJ45	–	**110XCA20300**	–
Modbus Plus D-shell adaptor for XT serial port	25-way RJ45	–	**110XCA20400**	–

Cabling tools

Description		Item	Reference	Weight kg/*lb*
Modbus Plus network cable installation tool	–	–	**ASMBPL001**	–
RJ crimping tool	–	–	**170XTS02300**	–
Earthing clamp	–	–	**424244739**	–

Connectors

Description	Sold in lots of	Item	Reference	Weight kg/*lb*
Modbus Plus inline	1 per kit	–	**ASMBKT085**	–
Modbus Plus terminator	2 per kit	–	**ASMBKT185**	–
Modbus Plus "T" connector (DB9 base)	1	21	**170XTS02000**	–
RJ45 terminator	2 per kit	24	**170XTS02100**	–
RJ45 "T" connector for RS 485 cable (DB9 base)	–	–	**170XTS04000**	–
RJ45 shielded connectors	20 per kit	–	**170XTS02200**	–
RJ45 "T" connector for RS 485 cable	1	–	**170XTS04100**	–
RS 485 multi-master RJ45 drop connections	2	–	**170XTS04200**	–

T-connectors

Description	Sold in lots of	Item	Reference	Weight kg/*lb*
Modbus Plus T-connector, IP 20	1	16	**990NAD23000**	–
Modbus Plus ruggedized T-connector, IP 65	1	17	**990NAD23010**	–
Modbus Plus T-connector ruggedized terminators	2 per kit	13	**990NAD23011**	–
Modbus Plus DIN rack flush-mounting assembly with ruggedized T-connector	1	–	**990NAD23012**	–
Modbus Plus lightning arrester	1	–	**490NAC72100**	–