Modicon Quantum automation platform

Discrete I/O modules

Mixed I/O modules and accessories

References (continued)

Mixed discrete I/O modules

Number	Inputs	Outputs	Safety	Reference	Weight kg/*lb*
24 I/O	**16 inputs 24 V ⎓** 2 groups of 8, positive logic	**8 outputs 24 V ⎓** 2 groups of 4, positive logic	–	**140DDM39000**	0.300/ *0.661*
	16 inputs 125 V ∿ 2 groups of 8	**8 outputs 125 V ∿** 2 groups of 4	–	**140DAM59000**	0.450/ *0.992*
8 I/O	**4 inputs 125 V ⎓** 1 group of 4, positive logic	**4 outputs 24…125 V ⎓** No common point, positive or negative logic	–	**140DDM69000**	0.300/ *0.661*

Accessories

Description	Sold in lots of	Safety	Reference	Weight kg/*lb*
40-way screw terminal block for I/O modules *(1)* Degree of protection < IP 20	–	Non-interfering	**140XTS00200**	0.150/ *0.331*
40-way screw terminal block for I/O modules *(1)* Degree of protection IP 20	–	–	**140XTS00100**	–
Empty module without screw terminal block	–	–	**140XCP50000**	–
Empty module with hinged cover without screw terminal block	–	–	**140XCP51000**	–
Pack of jumpers for 40-way screw terminal block	12	–	**140XCP60000**	–

Connection cables for I/O modules with HE 10 connectors

Description	Used for	Gauge Cross-sect.	Length m/*ft*	Reference	Weight kg/*lb*
Connection cables 1 HE 10 connector at each end	96-channel modules 140DDI36400 140DDO36400 With Modicon Telefast ABE 7 pre-wired system (see page 7/8)	AWG 22 0.324 mm²	0.5/ *1.64*	**TSXCDP053**	0.085/ *0.187*
			1/ *3.28*	**TSXCDP103**	0.150/ *0.331*
			2/ *6.56*	**TSXCDP203**	0.280/ *0.617*
			3/ *9.84*	**TSXCDP303**	0.410/ *0.904*
			5/ *16.40*	**TSXCDP503**	0.670/ *1.477*
			10/ *32.81*	**TSXCDP1003**	1.180/ *2.601*

Replacement parts

Description	Sold in lots of	Reference	Weight kg/*lb*
Set of keying pins for 40-way screw terminal blocks	60	**140XCP20000**	–

(1) Except for 96-channel modules **140DDI36400** *and* **140DDO36400** *which are connected via 6 HE 10 connectors. Require the Modicon Telefast ABE 7 pre-wired system.*

Modicon Quantum automation platform
Non-interfering modules

Conformal Coating non-interfering modules and racks

Non-interfering Quantum modules and racks are also available in a Conformal Coating version, for operation in severe environments.
These modules and racks with protective coating have an additional letter "**C**" at the end of their references (see pages 8/2 to 8/9).

Accessories

Accessories for power supply module 140CPS12420

Description	Degree of protection	Safety	Reference	Weight kg/ *lb*
7-way screw terminal block	IP 20	–	**140XTS00500**	0.150/ *0.331*

Accessories for mixed discrete I/O module

Description	Sold in lots of	Safety	Reference	Weight kg/ *lb*
40-way screw terminal block for I/O modules, degree of protection IP 20		Non-interfering	**140XTS00100**	0.150/ *0.331*
40-way screw terminal block for I/O modules, degree of protection < IP 20	–	Non-interfering	**140XTS00200**	0.150/ *0.331*
Empty module Without screw terminal block	–	–	**140XCP50000**	–
Empty module with hinged cover Without screw terminal block	–	–	**140XCP51000**	–
Pack of jumpers for 40-way screw terminal block	12	–	**140XCP60000**	–
Set of keying pins for 40-way screw terminal blocks	60	–	**140XCP20000**	–

Rack accessories

Description	Length/ Size	Safety	Reference	Weight kg/ *lb*
19" support for flush mounting a 140XBP01000 rack	125 mm deep	–	**140XCP40100**	–
19" support for surface mounting a 140XBP01000 rack	20 mm deep	–	**140XCP40200**	–

Earthing accessories

Description	Sold in lots of	Used for	Safety	Reference	Weight kg/ *lb*
Earthing kit	1	Earthing the cable shielding. Kit comprises 1 bar (1 m long) and 2 lateral supports	–	**STBXSP3000**	–
Terminal blocks for earthing kit	10	Cables, cross-section 1.5...6 mm²	–	**STBXSP3010**	–
	10	Cables, cross-section 5...11 mm²	–	**STBXSP3020**	–



STBXSP3000 + STBXSP3010/3020

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