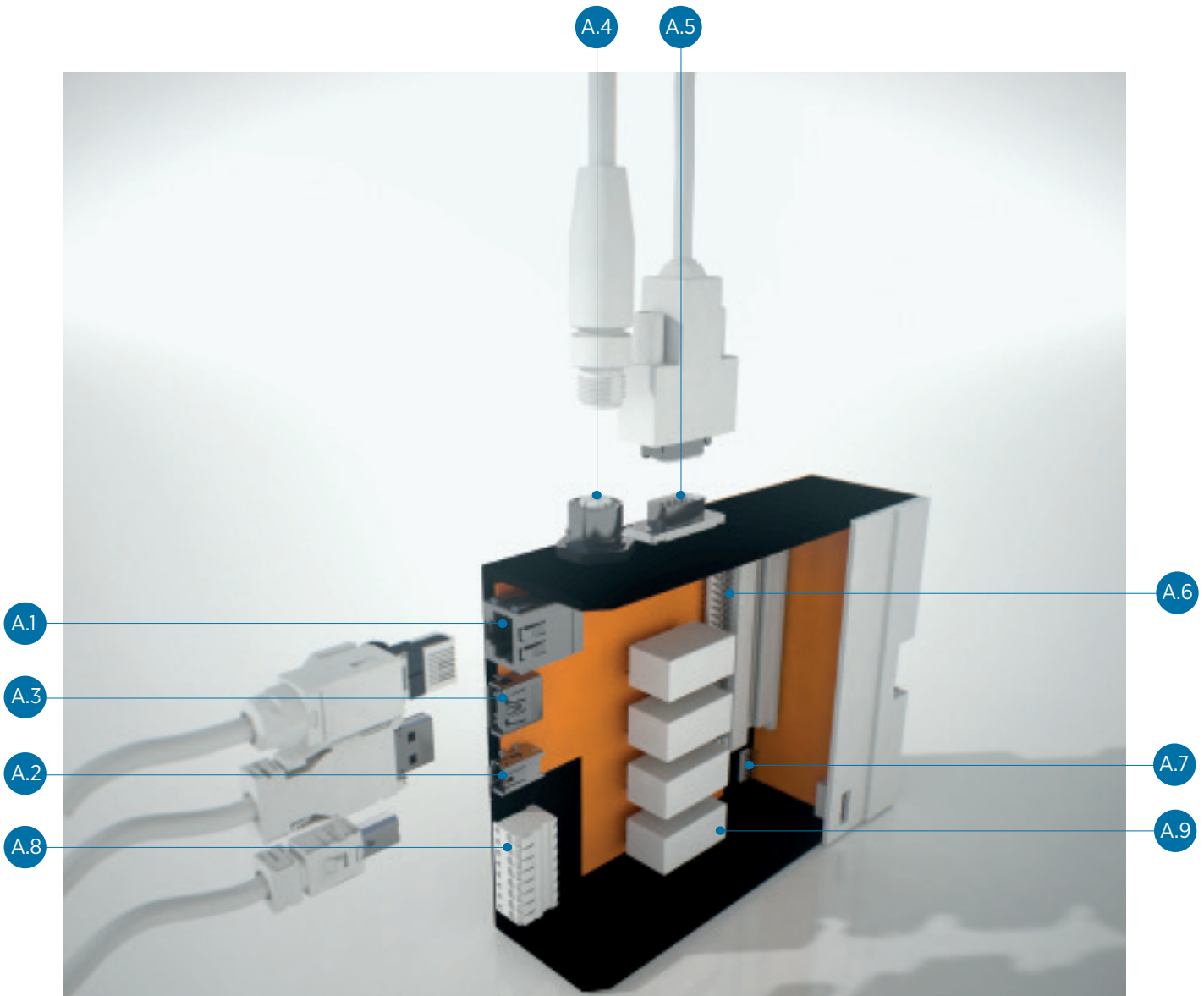


I/O MODULE

Cheat sheet

Overview



I/O Module solutions

The I/O system (or Remote I/O) provides the physical connection between devices and PLC's and therefore allow a closer control at the factory floor. I/O modules are growing in popularity as they provide flexible and fast reconfiguration of sensor-level networks without the need for panels and cabinets. TE connectivity offers innovative interconnect solutions that allow for reliable, uninterrupted industrial communication allowing I/O systems to fully control the factory floor.

Input/ Output



PREFERRED PN DESCRIPTION FULL PARTNUMBER

MODULAR JACKS AND PLUGS

A.1	RJ45	
	RJ45 IE PLUG IP20 4POS 180DEG FIELD INST.	1903526-1
	RJ45 IE PLUG IP20 4POS 45DEG FIELD INST	1987236-1
	RJ45 IE PLUG IP20 8POS 180DEG FIELD INST.	1903527-1
	RJ45 IE PLUG IP20 8POS 45DEG FIELD INST.	1987236-3
	RJ45 CAT5 HORIZONTAL RECEPTACLE 8POS THT	1-5406299-1
	RJ45 CAT5 HORIZONTAL RECEPTACLE 8POS SMT	2178126-2
	RJ45 CAT5 VERTICAL RECEPTACLE 8POS THT	6116202-2
	RJ45 CAT5 VERTICAL RECEPTACLE 8POS SMT	1705549-2
	IP20 JACK WITH RJ45 CAT5E 8 POS; UNSHIELDED;IDC	1987671-1
	IP20 JACK WITH RJ45 CAT5E 8 POS; SHIELDED	1987672-1

A.2	MINI I/O	
	MINI IO PLUG TYPE II FI; ISOLATION DIAMETER 1.05-1.15MM	1-2201855-1
	MINI IO PLUG TYPE II FI; ISOLATION DIAMETER 0.93-1.05MM	1-2201855-2
	MINI IO PLUG TYPE II SOLDER	2040008-1
	MINI IO VERTICAL RECEPTACLE TYPE II SMT WITH CAP	1-1971885-2
	MINI IO VERTICAL RECEPTACLE TYPE II SMT WITHOUT CAP	1971885-2
	MINI IO HORIZONTAL RECEPTACLE TYPE II SMT T&R	2069552-2
	MINI IO HORIZONTAL RECEPTACLE TYPE II SMT TRAY	1981386-1

A.3	DATA INTERCONNECT	
	USB 2.0	
	USB 2.0 INDUSTRIAL PLUG	2013798-1
	USB 2.0 VERTICAL RECEPTACLE TYPE A THT	1734366-1
	USB 2.0 HORIZONTAL RECEPTACLE TYPE A SMT	5353929-1

A.4	CIRCULAR INDUSTRIAL	
	M12XCODE	
	M12 X-CODE PLUG CABLE ASSY DOUBLE ENDED 1MTR...10MTR	2241021
	M12 X-CODE REAR PANEL MOUNT WIRE RECEPTACLE	2271195-1
	M12 X-CODE REAR PANEL MOUNT PCB RECEPTACLE	2232331-1
	M12 X-CODE MALE CONNECTOR INSTALLABLE (IDC)	2120952-1

A.5	D-SUB	
	STANDARD BOARD MOUNT CONNECTORS	
	DSUB 9POS RIGHT ANGLE PLUG THT	788792-1
	DSUB 9POS CABLE CONNECTOR RECEPTACLE	1-747943-5

Board to Board



PREFERRED PN DESCRIPTION FULL PARTNUMBER

A.6	CARD EDGE CONNECTORS	
	TWIN LEAF	
	1.27MM VERTICAL RECEPTACLE SMT	1903188-8
	1.27MM RIGHT-ANGLE PLUG SMT	1903187-8
	3.96MM TWINLEAF EDGE CARD CONNECTOR	1-5583660-0

A.7	AMPMODU 2.54MM	
	SHROUDED HEADER	
	2.54MM 2ROW SHROUDED HEADER, VERTICAL THT	28038
	2.54MM 2 ROW RIGHT-ANGLE SHROUDED HEADER THT	280390
	UNSHROUDED HEADER	
	2.54MM 2ROW UNSHROUDED HEADER, VERTICAL SMT	1241050
	2.54MM 2ROW UNSHROUDED HEADER, VERTICAL THT	826632
	2.54MM 2ROW UNSHROUDED HEADER, HORIZONTAL THT	826634

	PCB RECEPTACLE	
	2.54MM 2ROW VERTICAL PCB RECEPTACLE SMT	969973
	2.54MM 2ROW VERTICAL PCB RECEPTACLE THT	215315
	2.54MM 2ROW HORIZONTAL PCB RECEPTACLE THT	216604
	2.54MM 2ROW UNSHROUDED HEADER, VERTICAL THT	828296

	AMPMODU 2.00MM	
	SHROUDED HEADER	
	2.00MM 2ROW SHROUDED HEADER, VERTICAL THT	1470109
	2.00MM 2ROW SHROUDED HEADER, VERTICAL SMT	2041068
	2.00MM 2 ROW RIGHT-ANGLE SHROUDED HEADER THT	2-1734493-0

	UNSHROUDED HEADER	
	2.00MM 2ROW UNSHROUDED HEADER, VERTICAL SMT	5084476
	2.00MM 2ROW UNSHROUDED HEADER, VERTICAL THT	1734508
	2.00MM 2ROW UNSHROUDED HEADER, HORIZONTAL THT	1734508

	PCB RECEPTACLE	
	2.00MM 2ROW VERTICAL PCB RECEPTACLE SMT	1734606
	2.00MM 2ROW VERTICAL PCB RECEPTACLE THT	1470209
	2.00MM 2ROW HORIZONTAL PCB RECEPTACLE THT	1734531

A.8	TERMINAL BLOCK	
	EUROSTYLE TERMINAL BLOCK	
	3.50MM FIXED TERMINAL BLOCK SIDE ENTRY SCREW THT	284391-3
	3.50MM PLUGGABLE TERMINAL BLOCK VERTICAL HEADER THT	284514-3
	3.50MM PLUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	284512-3
	3.50MM PLUGGABLE TERMINAL BLOCK VERTICAL PLUG SCREW	284506-3
	3.81MM FIXED TERMINAL BLOCK SIDE ENTRY SCREW THT	284392-3
	3.81MM PLUGGABLE TERMINAL BLOCK VERTICAL HEADER THT	284517-3
	3.81MM PLUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	284513-3
	3.81MM PLUGGABLE TERMINAL BLOCK VERTICAL PLUG SPRING	1986720-3
	5.00MM FIXED TERMINAL BLOCK SIDE ENTRY SCREW THT	796683-3
	5.00MM FIXED TERMINAL BLOCK SIDE ENTRY SPRING THT	1776261-3
	5.00MM PLUGGABLE TERMINAL BLOCK VERTICAL HEADER THT	796642-3
	5.00MM PLUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	796644-3
	5.00MM PLUGGABLE TERMINAL BLOCK VERTICAL PLUG SCREW	284040-3
	5.08MM FIXED TERMINAL BLOCK SIDE ENTRY SCREW THT	282841-3
	5.08MM PLUGGABLE TERMINAL BLOCK VERTICAL HEADER THT	796636-3
	5.08MM PLUGGABLE TERMINAL BLOCK RIGHT ANGLE HEADER THT	796638-3
	5.08MM PLUGGABLE TERMINAL BLOCK VERTICAL PLUG SCREW	284041-3

Relays



A.9

PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
RELAY		
RELAY		
PCN series		
PCN-105D3MHZ,000		3-1461491-0
PCN-112D3MHZ,000		3-1461491-3
PCN-124D3MHZ,000		3-1461491-6
RYII series		
RY211012		4-1393224-6
RY211024		4-1393224-9
RY531012		7-1393224-9
RY531024		8-1393224-2
MSR series		
V23061-A1005-A302		2-1393222-0
V23061-A1007-A302		3-1393222-9
SNR series		
V23091-A1012-A301		1393236-7
V23091-A1024-A301		2-1393236-4
Relay Package SNR		
ST3P2LC4		3-1416100-0
Relay Package RT		
RT3S4LC4		4-1415073-1
Relay Package XT		
XT3S4LC4		4-1415540-1
Relay Package PT		
PT5L7LC4		1415535-9
Interface Power Relay RT1		
RT314024		9-1393239-8
Interface Plug-in Relay XT		
XT484LC4		1887212-1
Miniature Relay PT		
PT570024		1-1393154-2
Multimode Relay MT		
MT321024		7-1393091-0
Power Relay RM 2/3/7		
RM702024		8-1393146-5
Power Relay RM 5/6/B 3mm		
RM602024		1393844-4
Power Relay RM 8 (25A)		
RM809024		5-1393149-8