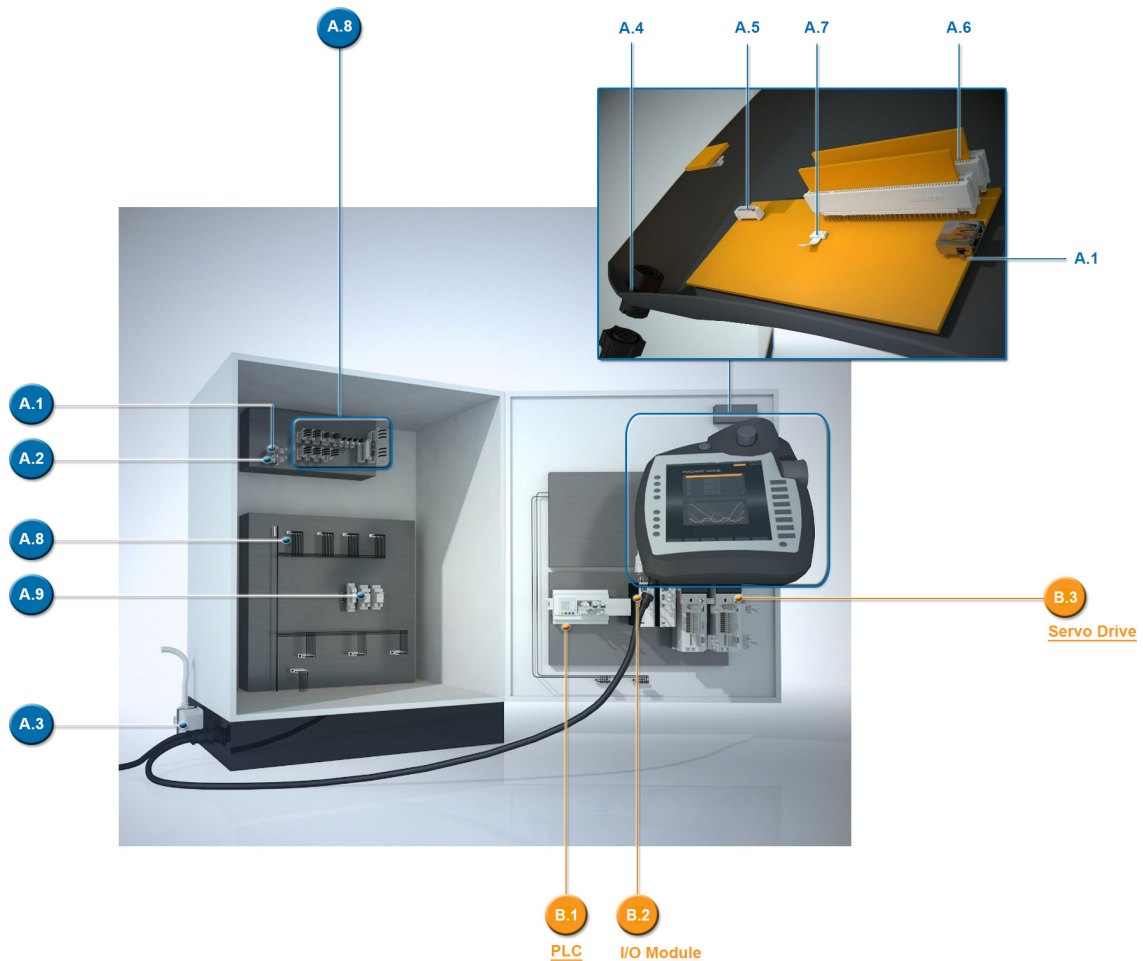


INDUSTRIAL ROBOT CONTROL

Overview



Industrial Robot Control solutions

The main task of robot control technology is to control industrial robots motion in the workspace position, attitude and trajectory, the operation sequence and time of action. TE Connectivity's wide range of power, data and signal interconnect products help to realize the technologies needed to precisely control robots.

Input / Output



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
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DATA INTERCONNECT

A.1	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

MODULAR JACKS AND PLUGS

A.2	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

HEAVY DUTY CONNECTOR

A.3	HDC	
	HEAVY DUTY RIGHT ANGLE MOTOR HOUSING	8-1108772-2
	HEAVY DUTY HOOD	1106430-5
	HEAVY DUTY FEMALE CONTACT INSERT	1-1103637-1
	HEAVY DUTY MALE CONTACT INSERT	1-1103636-1

CIRCULAR INDUSTRIAL

A.4	CPC	
	CIRCULAR PLASTIC RECEPTACLE HOUSING	206061-1
	CIRCULAR PLASTIC PLUG HOUSING	206060-1
	CIRCULAR PLASTIC SOCKET CONTACTS SIZE 16 STAMPED	66100-9
	CIRCULAR PLASTIC PIN CONTACTS SIZE 16 STAMPED	66098-9
	CIRCULAR PLASTIC CABLE CLAMP	1-206062-4
	CIRCULAR PLASTIC HEAT SHRINK BOOT	54010-1
	CIRCULAR PLASTIC SEALING CAP	206903-2
	CIRCULAR METAL RECEPTACLE HOUSING	208489-1
	CIRCULAR METAL PLUG HOUSING	208488-1
	CIRCULAR METAL SOCKET CONTACTS SIZE 16 STAMPED	66100-9
	CIRCULAR METAL PIN CONTACTS SIZE 16 STAMPED	66098-9
	CIRCULAR METAL CABLE CLAMP	208945-7
	CIRCULAR METAL SEALING CAP	211903-1

Board to Board



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
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MEZZANINE CONNECTORS

A.5	FREE HEIGHT	
	0.8MM BOARD TO BOARD RECEPTACLE SMT	5177985-1
	0.8MM BOARD TO BOARD PLUG SMT	5177984-1
	0.8MM BOARD TO BOARD RECEPTACLE SMT	2-1735482-1
	0.8MM BOARD TO BOARD PLUG SMT	5-5177986-1

CARD EDGE CONNECTORS

A.6	PCI CONNECTOR	
	PCI EDGE CARD	1-5145167-2

Cable/wire to Board



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
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FPC

A.7	FLEXIBLE PRINTED CIRCUIT	
	0.50MM FFC-FPC RIGHT ANGLE SMT	2-1734592-0
	0.50MM FFC-FPC VERTICAL SMT	2-1734741-0
	1.00MM FFC-FPC RIGHT ANGLE SMT	2-84952-0
	1.00MM FFC-FPC VERTICAL SMT	2-1734248-0

Cabled power connectors



PREFERRED PN	DESCRIPTION	FULL PARTNUMBER
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A.8 DYNAMIC SERIES CONNECTORS

DYNAMIC SERIES 2100		
2.5MM VERTICAL HEADER THT		1318124-1
2.5MM RECEPTACLE HOUSING		1-1318119-3
2.5MM CTW CONTACT		1318105-1

DYNAMIC SERIES 2600		
2.5 / 3.81MM HYBRID RIGHT ANGLE HEADER THT		1827538-1
2.5 / 3.81MM HYBRID RECEPTACLE HOUSING		1827540-1
2.5MM RECEPTACLE CONTACTS		1318105-1
3.81MM RECEPTACLE CONTACTS		175195-2

DYNAMIC SERIES 3200		
5.08MM RIGHT ANGLE HEADER THT		1-178140-5
5.08MM RIGHT ANGLE HEADER THT		1-178129-6
5.08MM RECEPTACLE CONTACTS CTW		175195-2

DYNAMIC SERIES 4200		
6.35MM RIGHT ANGLE HEADER THT		1-1747277-3
6.35MM RECEPTACLE HOUSING		1-1747276-3
6.35MM CTW CONTACT		1747418-2

DYNAMIC SERIES 5200		
10.16MM VERTICAL HEADER THT		1-353082-2
10.16MM RECEPTACLE HOUSING		1-179958-3
10.16MM RECEPTACLE CONTACTS CTW		179956-6

Relays



A.9 FORCE GUIDED CONTACT RELAY

K-SERIES KHAU PANEL PLUG-IN RELAYS		
KHAU-11D12-12		1-1393122-6
KHAU-17D12-24		5-1393122-7
KHAU-17A16-120		3-1393122-7
KHAU-17D16-24		7-1393122-1
KHAU-17A11-120		2-1393122-0
Force Guided Relay SR2M		
V23047-A1024-A511		1-1393258-7
Force Guided Relay SR4 D/M		
SR4M4024		4-1415053-1
Force Guided Relay SR6 A/B/C/V		
SR6B4024 (V23050-A1024-A542)		1393260-7
Force Guided Relay on DIN-rail SR2 Z		
SR2ZY024		9-1415536-1
Force Guided Relay on DIN-rail SR6 Z		
SR6ZB024		5-1415033-1
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