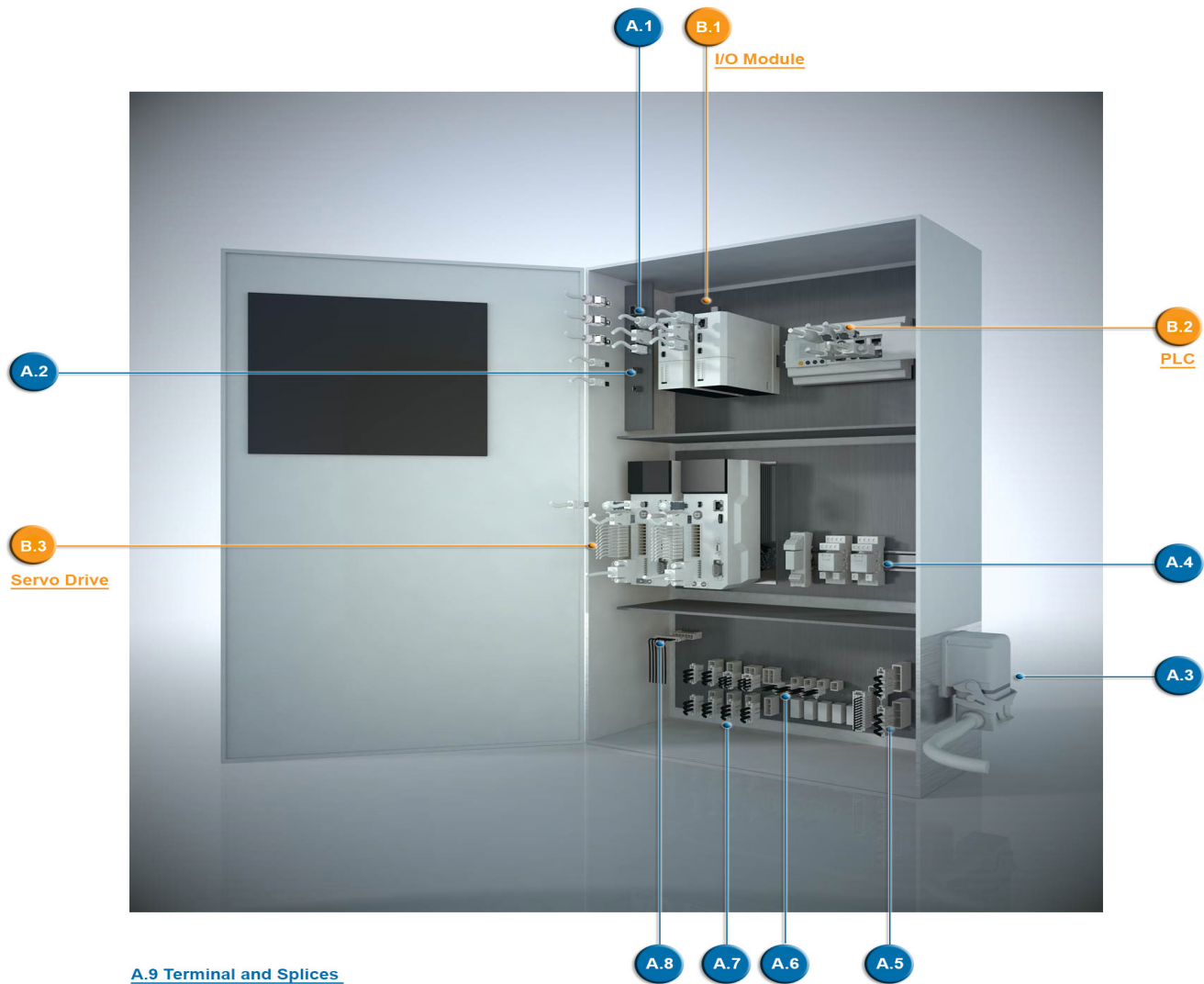


CONTROL CABINET

Cheat sheet

Overview



Control Cabinet solutions

The overall decentralization trend reduces the need for control cabinets, but for a lot of machine operations (like highly dynamic and precise motion control) central control cabinets are still preferred. TE Connectivity is a leading solution provider for electromechanical and electrical components in industrial control cabinets. For new system design or for retrofitting existing systems, TE's reliable, quick installable components help to save on overall machine maintenance costs and prevent downtime.

Control Cabinet preferred partnumber list

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	1-1971885-2
	MINI IO HORIZONTAL RECEPTACLE TYPE II SMT T&R	2069552-2
	MINI IO HORIZONTAL RECEPTACLE TYPE II SMT TRAY	1981386-1
	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 FEMALE CONTACT INSERT	1102896-1
	HEAVY DUTY MALE CONTACT INSERT	1102895-1
	MALE CONTACT	2-1105100-1
	FEMALE CONTACT	2-1105101-1
	QUICK-IN SYSTEM	1106515-1
	CABLE CLAMP	1108723-1
	CABLE GRIP	1-1106301-9

Relays



PREFERRED PN DESCRIPTION FULL PARTNUMBER

A.4	RELAY	
	Force guided contact relay	
	SR2ZY024	9-1415536-1
	PCN / PTH / PTF	
	RT314024	9-1393239-8
	K-Series panel plug-in relays	
	KUEP-11D15-24	9-1415536-1
	KUP-14A15-120	8-1393113-7
	KHAU-11D12-12	7-1393117-8
	KUL-11A15S-120	1-1393122-6
	K10P-11D15-24	2-1393115-6
	KRPA-11AG-120	5-1393144-7
	Relay Package SNR	2-1393104-5
	ST3P2LC4	3-1416100-0
	Relay Package RT	
	ST3P2LC4	3-1416100-0
	Relay Package XT	
	RT3S4LC4	4-1415073-1
	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
	Force Guided Relay on DIN-rail SR2 Z	
	SR2ZY024	9-1415536-1
	Force Guided Relay on DIN-rail SR6 Z	
	SR6ZB024	5-1415033-1

Cabled power connectors



PREFERRED PN DESCRIPTION FULL PARTNUMBER

DYNAMIC SERIES CONNECTORS

A.5	DYNAMIC 1500 SERIES	
	3.50MM MODULAR VERTICAL HEADER THT	1-1827581-4
	3.50MM MODULAR RECEPTACLE HOUSING CTW	1-1827579-1
	3.50MM CTW CONTACT	1827570-2

A.6	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

A.7	DYNAMIC 5200 SERIES	
	10.16MM DYNATAB DIN RAIL TYPE CTW	1903146-1
	10.16MM RECEPTACLE HOUSING CTW	1-179958-4
	10.16MM RECEPTACLE CONTACTS CTW	179956-6

A.8	DYNAMIC 7100 SERIES	
	16.00MM 2ROW HORIZONTAL HEADER THT	1981823-1
	16.00MM 2ROW RECEPTACLE HOUSING HEADER THT	2134055-1
	16.00MM RECEPTACLE CONTACTS CTW	1871132-2

	RITS CONNECTOR	
	3 POS RIGHT-ANGLE HEADER 1ROW SMT	1-1565994-3
	3POS VERTICAL HEADER 4ROWS THT	1473567-3
	3POS PLUG	1-1473562-3

Terminal and splices



PREFERRED PN DESCRIPTION FULL PARTNUMBER

A.9	TERMINAL AND SPLICES	
	PIDG GPL 097:	
	RING TONGUE TERMINAL AWG 22-16	2-36154-2
	RING TONGUE TERMINAL AWG 16-14	2-36160-1
	RING TONGUE TERMINAL AWG 12-10	2-36161-2

	SOLISTRAND GPL 204:	
	SPLICES - CLOSED BARREL AWG 16-14	34137
	SPLICES - CLOSED BARREL AWG 22-16	34130
	SPLICES - CLOSED BARREL AWG 12-10	34138

	WINDOW SPLICES GPL 207	
	CLOSED BARREL SPLICE AWG 22-16	320559
	CLOSED BARREL SPLICE AWG 12-10	320570
	CLOSED BARREL SPLICE AWG 16-14	327583

	CLOSED END SPLICE GPL 208	
	CLOSED END BARREL AWG 22-14	35115
	CLOSED END BARREL AWG 22-10	53915-1

	FASTON TERM PRE-INSUL GPL 215	
	FASTON RECEPTACLE TERMINAL AWG 22-18	640903-1
	FASTON RECEPTACLE TERMINAL AWG 16-14	640905-1
	FASTON RECEPTACLE TERMINAL AWG 12-10	640907-2