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Compact controller system – Easy Automation – product overview

Class 100 compact controllers

Type Order No. Description	ILC 131 ETH 2700973	ILC 151 ETH 2700974	ILC 171 ETH 2TX 2700975	ILC 191 ETH 2TX 2700976	ILC 151 GSM/GPRS 2700977	ILC 131 STARTERKIT 2701835
Description					Class 100 compact controllers are at the heart of the Easy Automation system from Phoenix Contact. As the interface between the control center and I/O level, they efficiently control the data flow within your system.	
Page	532	533	533	533	534	544

Software

Type Order No. Type Order No. Description	PC Worx EXPRESS 2988670	PROJECT+ 2988667	WEBVISIT 6 EXPRESS 2700954	SAFECONF 2986119	SD FLASH 2GB 2988162	SD FLASH 256MB PDPPI PRO 2700552
Description		Software for I/O configuration	Software for web-based visualizations	Configuration software for SafetyBridge modules	SD card with license for IT and controller function blocks	SD card with license for controller function blocks with self-optimization
Page	499	514	503	110	501	501

Industrial network technology

Type Order No. Type Order No. Description	FL SWITCH SFN 5TX 2891152	FL SWITCH SFN 4TX/FX 2891851	FL BT EPA AIR SET 2693091	FL WLAN EPA 2692791	PSI-MODEM/ETH 2313300	PSI-MODEM-3G/ROUTER 2314008
Description		Standard switches with fiber optics	Bluetooth transmission of an Ethernet connection	WLAN transmission of an Ethernet connection	Connection via a telephone line	Connection via a mobile phone network
Page	8	9	53	51	428	423

Panels for operation and monitoring

Type Order No. Description	TD 1030T 2701257	WP 04T 2913632	WP 06T 2913645	WP 07T/WS 2700307	WP09T/WS 2700309	
Description		4.3 7.1 cm (2.8") display	4.3 8.9 cm (3.5") display	4.3 14.5 cm (5.7") display	Widescreen 17.8 cm (7") display	Widescreen 22.9 cm (9") display
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I/O systems for the control cabinet (IP20)

	Digital input						Security
	1 channel	2 channels	4 channels	8 channels	16 channels	32 channels	
	IB IL 120 DI 1-PAC 2861917 IB IL 230 DI 1-PAC 2861548	IB IL 24 DI 2-PAC 2861221 IB IL 24 DI 2-NPN-PAC 2861483	IB IL 24 DI 4-PAC 2861234 IB IL 24 DI 4-ME 2863928	IB IL 24 DI 8-PAC 2861247 IB IL 24 DI 8/T2-PAC 2862204 IB IL 24 DI 8/HD-PAC 2700173	IB IL 24 DI 16-PAC 2861250 IB IL 24 DI 16-NPN-PAC 2863520 IB IL 24 DI 16-ME 2897156	IB IL 24 DI 32/HD-PAC 2862835 IB IL 24 DI 32/HD-NPN-PAC 2878243	
From page	204	200	200	201	200	201	
	Digital output						Security
1 channel	2 channels	4 channels	8 channels	16 channels	32 channels		
IB IL DO 1 AC-PAC 2861920	IB IL 24 DO 2-PAC 2861274 IB IL 24 DO 2-2A-PAC 2861263 IB IL 24 DO 2-NPN-PAC 2861496	IB IL 24 DO 4-PAC 2861276 IB IL 24 DO 4-ME 2863931 IB IL DO 4-AC-1A-PAC 2861658	IB IL 24 DO 8-PAC 2861289 IB IL 24 DO 8-2A-PAC 2861603 IB IL 24 DO 8-NPN-PAC 2863546 IB IL 24 DO 8/HD-PAC 2700172	IB IL 24 DO 16-PAC 2861292 IB IL 24 DO 16-ME 2897253	IB IL 24 DO 32/HD-PAC 2862322 IB IL 24 DO 32/HD-NPN-PAC 2878340	See section: functional safety	
210	206	206	206	206	207	105	
	Relay output terminals (PDT contacts)		Analog input		Analog output		
1 PDT	2 PDTs	4 PDTs	2 channels	8 channels	1 channel	4 or 8 channels	
IB IL 24/230 DOR1/W-PAC 2861981 IB IL 24/230 DOR1/W-PC-PAC 2862178	IB IL 24/48 DOR 2/W-PAC 2863119	IB IL 24/230 DOR4/W-PAC 2861878 IB IL 24/230 DOR4/W-PC-PAC 2862181 IB IL 24/230 DOR4/HC-PAC 2897716	IB IL AI 2/SF-PAC 2861302 IB IL AI 2/SF-ME 2863944	IB IL AI 8/SF-PAC 2861412 IB IL AI 8/SF-PAC 2861661	IB IL AO 1/SF-PAC 2861315 IB IL AO 1/U/SF-PAC 2861399	IB IL AO 4/8/U/BP-PAC 2878036	
211	211	211	212	213	220	221	
	Strain gauge		Temperature recording				
2 channels	2 channels	1 channel	2 channels	2 channels	4/8 channels		
IB IL SGI 2/P-PAC 2878638	IB IL SGI 2/P-PAC 2884907	IB IL 24 TC-PAC 2861360	IB IL TEMP 2 UTH-PAC 2861386	IB IL TEMP 2 RTD-PAC 2861328	IB IL TEMP 4/8 RTD/IEF-PAC 2897402 IB IL TEMP 4/8 RTD-PAC 2863915		
216	216	219	218	219	219		
	Communication		Position detection	Function	Motor starter	Individually sub. I/Os for Ex applications	
IB IL RS 232-PAC 2861357 IB IL RS 232-PRO-PAC 2878722 IB IL RS 485/422-PAC 2861933	IBS IL 24 RB-T-PAC 2861441 IB IL 24 IOL 4 DI 12-PAC 2692717 IB IL IFS-MA-PAC 2692720	IB IL INC-IN-PAC 2861755 IB IL SSI-IN-PAC 2819574	IB IL PWM/2-PAC 2861632 IB IL CNT-PAC 2861852	IB IL 400 ELR 1-3A 2727352 IB IL 400 MLR 1-8A 2727365 IB IL 400 ELR R-3A 2727378	IB IL EX-IS PWR IN-PAC 2869910 IB IL EX-IS DIO 4/NAM-PAC 2869911	IB IL EX-IS AIO 4/EF-PAC 2869912 IB IL EX-IS TEMP 4 RTD/TC-PAC 2869913	
228	226	238	234	242	490	492	

I/O systems for field installation (IP65/IP67)

	Digital input		Digital input/output			Digital output terminals
	8 channels	16 channels	4/4 channels	8/8 channels	16/16 channels	8 channels
	FLM DI 8 M12 2736288	FLM DI 16 M12 2736835	FLM DIO 4/4 M12-2A 2736369	FLM DIO 8/8 M12 2736848	FLM DIO 16/16 M12/8-DIAG 2736738	FLM DO 8 M12 2736291
298	298	299	299	299	299	
	Analog input	Temperature recording	Wireless			
4 channels	4 channels	Base station	8/8 channels	16 channels		
FLM AI 4 SF M12 2736453	FLM TEMP 4 RTD M12 2736819	FLM BT BS 3 2736770	FLM BT DIO 8/8 M12 2736767	FLM BT DI 16 M12 2693208		
301	301	457	457	457		
	Digital input	Digital input/output	Digital output terminals			
8 channels	4(8)/4 channels	4 channels	8 channels			
FLM DI 8 M8 2773348	FLM DIO 8/4 M8 2773351	FLM DO 4 M8-2A 2736932	FLM DO 8 M8 2736893			
302	303	303	303			



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Product	Code	Reference	Product link
Program and configuration memory, plug-in, 256 MB with license key for licensing the PDPI - BASIC function block for precise multi-channel controllers with self-optimization, additional functions: e.g., for heating and cooling functions or hydraulic movem	2700551	SD FLASH 256MB PDPI BASIC	<a href="#">Buy on EAN</a>
Program and configuration memory, plug-in, 256 MB with license key for licensing the PDPI - PRO function block for precise multi-channel controllers with self-optimization, additional functions: e.g., for setpoint processing, for heating and cooling funct	2700552	SD FLASH 256MB PDPI PRO	<a href="#">Buy on EAN</a>