

IndraControl L
IndraControl L25



IndraControl L

IndraControl L25**Documentation**

- Project Planning Manual

**Benefits:**

- Scalable hardware platform
- Standardized communication interfaces
- Optional expansion through function and technology modules
- Ideal for centralized and distributed
- Individually expandable with high-grade Human-Machine Interface (HMI) components
- Modular I/O units

Technical data

		L25
Processor		
CPU	Renesas SH 7785	
Real-time Clock	Integrated	
Memory		
Application	128 MB	
Retentive memory	256 kB	
Flash size	1 GB	
Display		
Type	LCD 1-line	
Operation		
Type	4 operator keys	
Interfaces		
Ethernet	1 x Ethernet TCP/IP (Default)	
Ready	1 x ready contact (Default)	
Diagnostic		
Type	powerfail	
	watchdog	
	Temperature control	
I/O		
Channels, used	Max.	256
I/O extension	Max. no. of Inline modules	63
	Max. no. of bytes	64
Fieldbus		
sercos III	1 x sercos III (Optional)	
PROFINET	1 x PROFINET IO-Controller/-Device (Optional)	
EtherNet/IP	1 x ETHERNET/IP-Scanner/-Adapter (Optional)	

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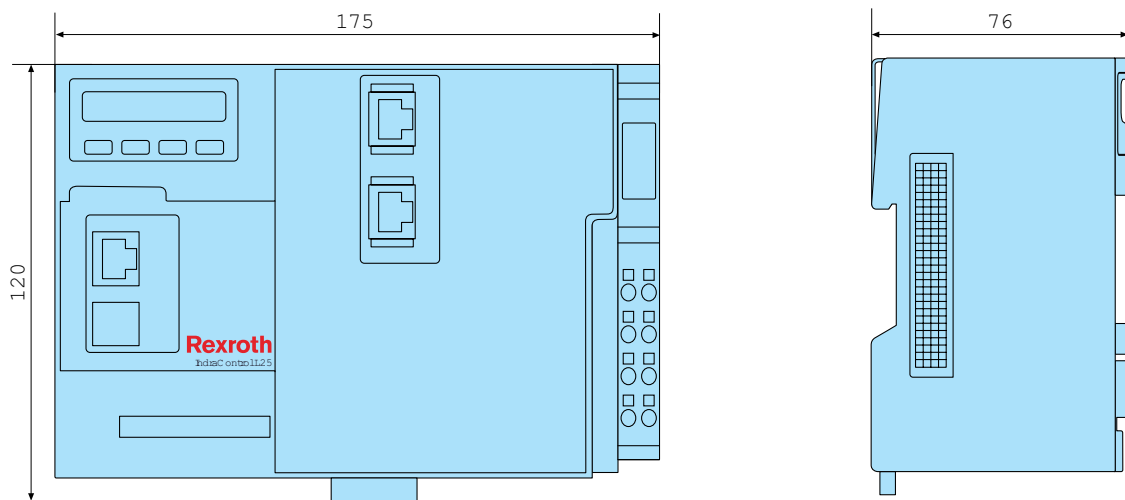
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PROFIBUS	1 x PROFIBUS DP-Master/Slave (Optional)	
Electrical data		
Voltage supply	U	24 V DC
Min.	U_{\min}	19 V DC
Max.	U_{\max}	30 V DC
Residual ripple	[±%]	5
Logic supply U_L	[V DC]	7.5
	Max. [mA]	2
Logic, segment supply U_{LS}	[V DC]	24
	Tolerances	-25% ... +30%
	Max. [A]	max. 2 A
Analog supply U_{ANA}	[V DC]	24
	Max. [A]	0.5
Segment supply voltage U_S	[V DC]	24
	Tolerances	-15% ... +20 %
	Max. [A]	max. 8 A ($U_m + U_s$)
Main supply voltage U_M	[V DC]	24
	Tolerances	-15% ... +20 %
	Max. [A]	max. 8 A ($U_m + U_s$)
Power consumption	[W]	8.7
Protection		
Category Total	IP20	
Forces		
Vibration Resistance	[g]	1
Shock Resistance	[g]	15
Standards		
Certification	CE/UL/CSA	
Weight		
Weight	0.64 kg	
Ambient conditions		
Ambient temp. operation	+5 °C ... +55 °C	
Relative humidity, operation	5 % ... 85 %, EN 61131-2	

Dimensions

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Dimensions		
Height H	[mm]	120
Width B	[mm]	175.4
Depth T	[mm]	84.7

System

Description	Page	Details
Motion-Logic system	IndraMotion MLC	Controller based
PLC	IndraLogic XLC	

Accessories

Auxiliary components

Description		
IndraControl L	Function Modules CFL	Fast I/O
IndraControl L	Function Modules CFL	
IndraControl L	Function Modules CFL	Programmable limit switch
IndraControl L	Function Modules CFL	Cross-Communication
IndraControl L	Function Modules CFL	sercos III

Type code

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Type code	Description	Part No.:
CML25.1-PN-400-NN-NNC1-NW	IndraControl L25, RT Ethernet + PROFIBUS, configurable field bus interface	R911172155
CML25.1-3N-400-NN-NNC1-NW	IndraControl L25, SERCOS III	R911171363

Accessories

Type code	Description	Part No.:
R-IB IL SCN-PWR IN-PWR	Power plug in	R911171765
R-IB IL FIELD 2	Labeling field, narrow	R911289341
R-IB IL FIELD 8	Labeling field, wide	R911289342

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