Rexroth
Bosch Group

Control hardware
IndraControl L10

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Advantages:

• Scalable hardware platform
• Standardized communication interfaces
• Optional extension through function and technology modules
• Ideal for centralized and distributed controller topologies
• Individually extendable with high-grade visualization components
• Modular I/O units

Technical data

		L10
Processor		
CPU		(ST40, 200 MHz)
Memory		
Use / application		32 MB
Remanent memory		32 kB
Flash size		128 MB
Interfaces		
Ethernet		1 x Ethernet TCP/IP (Standard)
Diagnosis		
Type		Powerfail
		Watchdog
I/O		
Digital inputs		8 DC-decoupled inputs (with interrupt capability)
Digital outputs		4 DC-decoupled outputs
Channels, used	Max.	128
I/O extension	Max. no. of Inline modules	63
	Max. no. of bytes	32
Electrical data		
Supply voltage U		24 V DC
$U_{min} ... U_{max}$		19 V DC ... 30 V DC
Residual ripple		+/-5 %
Logic supply U_L		7.5 V (transformed from external 24 V DC)
		Max. 800 mA
Logic, segment supply U_{LS}	Tolerance	-25% … +30%
	Max. [A]	Max. 1.25 A
Segment supply voltage U_S	Tolerance	-15% … +20 %
	Max. [A]	Max. 8 A (Um + Us)

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Main supply voltage U$_M$	[V DC]	24
	Tolerance	-15% … +20 %
	Max. [A]	Max. 8 A (Um + Us)
Power consumption		4,6 W
Norms and Standards		
Certification		CE/UL/CSA
Weight		
Weight		0.48 kg
Ambient conditions		
Permissible temperature (operation)		+5 °C ... +55 °C
Permissible relative humidity (operation)		5% to 95%, EN 61131-2
Protection category		IP20
Fatigue limits according to EN 60068-2-6		1 g
Shock resistance (single shock) according to EN 60068-2-27		15 g

Dimensions

		L10
Dimensions		
Height H	[mm]	121
Width B	[mm]	124
Depth T	[mm]	71

Order details

Type code	Description	Material number:
CML10.1-NN-210-NB-NNNN-NW	IndraControl L10	R911170722

Accessories

Type code	Description	Material number:
R-IB IL CML S03-PLSET	Connector set for IndraControl L10, separate numbering	R911171803
R-IB IL CML S01-PLSET	Connector set for IndraControl L10, L20, L40, L45, L65, L75	R911299856
R-IB IL FIELD 2	Labeling field, narrow	R911289341
R-IB IL FIELD 8	Labeling field, wide	R911289342

System

Description	Page	Details
PLC	IndraLogic L	Controller-based

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Accessories

Auxiliary components

Description	
Power module	Boost module

Local contact information can be found at:
www.boschrexroth.com/adressen

The data specified above only serve to describe the product.
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statements concerning a certain condition or suitability for a certain
application can be derived from our information. The information
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and verification.
It must be remembered that our products are subject to a natural
process of wear and aging.