

IndraControl L10





Benefits

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

Technical data

Processor		
CPU	ST40, 200 MHz	
Memory		
Application	32 MB	
Retentive memory	32 kB	
Flash size	128 MB	
Interfaces		
Ethernet	1 x Ethernet TCP/IP (Default)	
Diagnostics		
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. number of Inline modules	63
	Max. number of bytes	32
Electrical data		
Supply voltage	U	24 V DC
Min.	Umin	19 V DC
Max.	Umax	30 V DC
Residual ripple	[±%]	5
Logic supply U L	[V DC]	7,5
	Max. [mA]	800
Logic, segment supply U LS	[V DC]	24
	Tolerance	-25% ... +30%
	Max. [A]	max. 1,25 A
Analog supply U ANA	[V DC]	24
	Max. [A]	0,5

Segment supply voltage U _S	[V DC]	24
	Tolerance	-15% ... +20 %
	Max. [A]	max. 8 A (U _m + U _s)
Main supply voltage U _M	[V DC]	24
	Tolerance	-15% ... +20 %
	Max. [A]	max. 8 A (U _m + U _s)
Power consumption	[W]	4,6
Protection		
Overall protection category	IP20	
Load		
Vibration resistance	[g]	1
Shock resistance	[g]	15
Norms and standards		
Certification	CE/UL/CSA	
Ambient conditions		
Permissible temperature (operation)	+5 °C ... +55 °C	
Permissible relative humidity (operation)	5 % ... 95 %, EN 61131-2	

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