

IndraControl L85





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	Intel Core2Duo (1,2 GHz)	
Real-time clock	Integrated	
Memory		
Application	512 MB	
Retentive memory	256 kB	
Buffered	8 MB	
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)	
Other	2 x Ethernet TCP/IP (Optional)	
Diagnostics		
Type	powerfail	
	watchdog	
	Temperature monitoring	
I/O		
Digital inputs	8 DC-decoupled inputs (with interrupt capability)	
Digital outputs	8 DC-decoupled outputs	
Channels, used	Max.	256
Function modules	Max.	4
I/O extension	Max. number of Inline modules	63
	Max. number 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)	
PROFIBUS	1 x PROFIBUS-Master/-Slave (Default)	
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]	2
Logic, segment supply U LS	[V DC]	24
	Tolerance	-25% ... +30%
	Max. [A]	max. 3 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 (Um + Us)
Main supply voltage U M	[V DC]	24
	Tolerance	-15% ... +20 %
	Max. [A]	max. 8 A (Um + Us)
Power consumption	[W]	20
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	

CYRUS