

## IndraControl L25





### Benefits

- Scalable hardware platform
- Interfaces on board
- 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

<b>Processor</b>		
CPU	Renesas SH 7785	
Real-time clock	Integrated	
<b>Memory</b>		
Application	128 MB	
Retentive memory	256 kB	
Flash size	1 GB	
<b>Display</b>		
Type	LCD 1-line	
<b>Operation</b>		
Type	4 Operator keys	
<b>Interfaces</b>		
Ethernet	1 x Ethernet TCP/IP (Default)	
Ready	1 x ready contact (Default)	
<b>Diagnostics</b>		
Type	powerfail	
	watchdog	
	Temperature monitoring	
<b>I/O</b>		
Channels, used	Max.	256
I/O extension	Max. number of Inline modules	63
	Max. number of bytes	64
<b>Fieldbus</b>		
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 DP-Master/Slave (Optional)	

Electrical data		
Supply voltage	U	24 V DC
Min.	U <sub>min</sub>	19 V DC
Max.	U <sub>max</sub>	30 V DC
Residual ripple	[±%]	5
Logic supply U <sub>L</sub>	[V DC]	7,5
	Max. [mA]	1
Logic, segment supply U <sub>LS</sub>	[V DC]	24
	Tolerance	-25% ... +30%
	Max. [A]	max. 1,25 A
Analog supply U <sub>ANA</sub>	[V DC]	24
	Max. [A]	0,5
Segment supply voltage U <sub>S</sub>	[V DC]	24
	Tolerance	-15% ... +20 %
	Max. [A]	max. 8 A (U <sub>m</sub> + U <sub>s</sub> )
Main supply voltage U <sub>M</sub>	[V DC]	24
	Tolerance	-15% ... +20 %
	Max. [A]	max. 8 A (U <sub>m</sub> + U <sub>s</sub> )
Power consumption	[W]	5,5
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