

ILC 150 VLC

Order No.: 2985783

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Inline Controller with Ethernet interface for coupling to other controllers and systems, and integrated Steeplechase VLC runtime, complete with connector and labeling field.

Commercial data

GTIN (EAN)	 4 046356 182782
Note	Made-to-order
sales group	K223
Pack	1 pcs.
Customs tariff	85371091
Catalog page information	Page 66 (AX-2009)

Product notes

WEEE/RoHS-compliant since:
12/09/2009



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Technical data

Control system

Programming tool	Steeplechase VLC 7.2 (or higher) Control Designer
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Mechanical design

Height	119.8 mm
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Width	80 mm
Depth	71.5 mm
Weight	285 g
Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	5 % ... 90 % (no condensation)
Permissible humidity (storage/transport)	5 % ... 90 % (no condensation)
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above mean sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above mean sea level)
Vibration (operation)	5 g

Data interfaces

Interface	INTERBUS local bus (master)
Type of connection	Inline data jumper
Interface	Parameterization/operation/diagnostics
Type of connection	6-pos. MINI DIN socket (PS/2)
Interface	Ethernet 10Base-T/100Base-TX
Type of connection	RJ45 female connector
Transmission speed	10/100 MBit/s

Power supply

Typical current consumption	200 A (no local bus device connected during idling, bus inactive)
Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 30 V DC
Residual ripple	± 5 %

INTERBUS data

Type	INTERBUS master
Number of Inline terminals which can be connected	63
Note on the number of Inline terminals which can be connected	observe current consumption
Number of devices with parameter channel (PCP)	max. 8
Number of supported devices	max. 63
Number of I/O nodes	max. 4096
Battery	Integrated (rechargeable battery buffered)
Number of control tasks	1

Number of timers, counters	(depends on data memory)
Number of data blocks	(depends on data memory)
Retentive data memory	128 kByte (NVRAM)

IEC 61131 runtime system

Programming tool	Steeplechase VLC 7.2 (or higher) Control Designer
Retentive data memory	128 kByte (NVRAM)
Number of data blocks	(depends on data memory)
Number of timers, counters	(depends on data memory)
Number of control tasks	1
Realtime clock	Integrated (battery backup)

Inline potential routing

Communications power U_L	7.5 V DC $\pm 5\%$
Power supply at U_L	max. 0.8 A DC (observe derating)
Main circuit supply U_M	24 V DC -20% / +20% (in accordance with EN 61131-2)
Power supply at U_M	max. 8 A DC (Sum of $U_M + U_S$)
Current consumption from U_M	max. 8 A DC
Segment supply voltage U_S	24 V DC -20% / +20% (in accordance with EN 61131-2)
Power supply at U_S	max. 8 A (Sum of $U_M + U_S$)
Current consumption from U_S	max. 8 A DC
I/O supply voltage U_{ANA}	24 V DC -15% / +20%
Power supply at U_{ANA}	0.5 A DC (observe derating)

Certificates / Approvals

Certification CUL, UL

Certification Ex: PxC-EX

Accessories

Item	Designation	Description
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Memory

2700551	SD FLASH 256MB PDPI BASIC	Program and configuration memory, plug-in, 256 MB with license key for licensing PDPI controller blocks.
2700552	SD FLASH 256MB PDPI PRO	Program and configuration memory, plug-in, 256 MB with license key for licensing PDPI controller blocks.

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