Controller - ILC 350 VLC - 2985013

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Inline controller with Ethernet interface for coupling to other controllers or systems, with flow chart programming with Steeplechase VLC, complete with accessories (connector and labeling field)

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	815.4 GRM
Custom tariff number	85371091
Country of origin	Germany

Technical data

Dimensions

Width	182 mm
Height	140.5 mm
Depth	71.5 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
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)
Shock	25g, Criterion 1, according to IEC 60068-2-27
Vibration (operation)	5g, accordance to IEC 60068-2-6

Control system

Programming tool	Steeplechase VLC 7.x Control Designer

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Technical data

Mechanical design

Weight	440 g

Data interfaces

Interface	INTERBUS local bus (master)
Connection method	Inline data jumper
Transmission speed	500 kBaud / 2 MBaud umschaltbar
Interface	Parameterization/programming/diagnostics
Connection method	6-pos. MINI DIN socket (PS/2)
Transmission speed	max. 38,4 kBit/s
Interface	Ethernet 10Base-T/100Base-TX
Connection method	RJ45 socket
Transmission speed	10/100 MBit/s

Power supply

Typical current consumption	250 mA (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 %
Power dissipation	

Fieldbus function

Amount of process data	max. 8192 Bit (INTERBUS)
Number of supported devices	max. 512 (in total, of which 254 are remote bus devices/bus segments)
Number of local bus devices that can be connected	63 (observe current consumption)
Number of devices with parameter channel	max. 62
Number of branch terminals with remote bus branch	15
Module classification	INTERBUS master
Processing speed	0.5 ms

Direct I/Os

Input name	Digital inputs
Number of inputs	12
Connection method	Inline potential distributor
Description of the input	Eight fast inputs, interrupt input
Output name	Digital outputs
Number of outputs	4
Connection method	2, 3, 4-wire
Maximum output current per channel	500 mA

IEC 61131 runtime system

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Technical data

IEC 61131 runtime system

Programming tool	Steeplechase VLC 7.x Control Designer
Processing speed	0.5 ms (1 K mix instructions)
	9 µs (1 K bit instructions)
Program memory	typ. 1 Mbyte (Including the mass storage)
Mass storage	2 Mbyte
Retentive mass storage	64 kByte (NVRAM)
Number of data blocks	depends on mass storage
Number of timers, counters	depends on mass storage
Number of control tasks	1
Realtime clock	Integrated (battery backup)

Classifications

eCl@ss

eCl@ss 4.0	27250203
eCl@ss 4.1	27240601
eCl@ss 5.0	27242215
eCl@ss 5.1	27242207
eCl@ss 6.0	27242207
eCl@ss 7.0	27242207

ETIM

ETIM 2.0	EC000236
ETIM 3.0	EC000236
ETIM 4.0	EC000236
ETIM 5.0	EC000236

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172018
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

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Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

Approval details

UL Listed

cUL Listed

cULus Listed

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