

## Controller - ILC 150 VLC - 2985783

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	352.800 g
Custom tariff number	85371091
Country of origin	Germany

### Technical data

#### Dimensions

Width	80 mm
Height	119.8 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)	10 % ... 95 % (according to DIN EN 61131-2)
Permissible humidity (storage/transport)	10 % ... 95 % (according to DIN EN 61131-2)
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Shock	25g, Criterion 1, according to IEC 60068-2-27
Vibration (operation)	5g

#### Control system

# Controller - ILC 150 VLC - 2985783

## Technical data

### Control system

Engineering tool	Steeplechase VLC 7.2 (or higher) Control Designer
------------------	---

### Mechanical design

Weight	285 g
Diagnostics display	No
Controller redundancy	No

### Data interfaces

Interface	INTERBUS local bus (master)
Connection method	Inline data jumper
Transmission speed	500 kBaud / 2 MBaud (can be switched)
Interface	Parameterization/operation/diagnostics
Connection method	RS-232-C, 6-pos. MINI-DIN socket (PS/2), Ethernet 10/100 (RJ45)
Transmission speed	9600 Baud
Interface	Ethernet 10Base-T/100Base-TX
Connection method	RJ45 jack
Transmission speed	10/100 Mbps

### Power supply

Typical current consumption	200 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	max. 5 W

### Fieldbus function

Amount of process data	max. 4096 Bit (INTERBUS)
Number of supported devices	max. 63
Number of local bus devices that can be connected	63 (observe current consumption)
Number of devices with parameter channel	max. 8
Number of supported branch terminals with remote bus branch	3
Program memory	typ. 256 kByte (Including the mass storage)

### Direct I/Os

Input name	Digital inputs
Number of inputs	8
Connection method	Inline potential distributor
Connection technology	2, 3, 4-wire
Output name	Digital outputs
Number of outputs	4

# Controller - ILC 150 VLC - 2985783

## Technical data

### Direct I/Os

Connection method	Spring-cage connection
Connection technology	2, 3, 4-wire
Maximum output current per channel	500 mA

### IEC 61131 runtime system

Engineering tool	Steeplechase VLC 7.2 (or higher) Control Designer
Program memory	typ. 256 kByte (Including the mass storage)
Mass storage	256 kByte
Retentive mass storage	128 kByte (NVRAM)
Number of control tasks	1
Realtime clock	Integrated (battery backup)

### Standards and Regulations

Vibration (storage/transport)	5g
Shock	25g, Criterion 1, according to IEC 60068-2-27
Vibration (operation)	5g

## 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
eCl@ss 8.0	27242207
eCl@ss 9.0	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

## Controller - ILC 150 VLC - 2985783

### Classifications

#### UNSPSC

UNSPSC 12.01	43201404
UNSPSC 13.2	43201404