

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 | <p></p> |

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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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

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 
