

HSL-D116-UL

16-CH Discrete Input Module with Stretcher Function



Specifications

■ Slave ID Consumption	1
■ Transmission Mode	Full/Half duplex
■ Transmission Speed	3/6/12 Mbps selectable, 6 Mbps is default setting
■ Input Current	10 mA (max.), NPN sinking
■ Input Voltage	5 V, 12 V, and 24 V
■ Operation Temperature	0°C to +60°C
■ Photo Couple Isolation Voltage	2500 VRMS
■ LED Indicator	Power, Input status and Link
■ Dimension	138 x 52.7 x 71.8 mm (W x H x D)
■ Power Requirement	+24 VDC (±10%)

Features

- Support 16 DI channels
- Build in pulse stretcher function
- Suitable for single I/O channel wiring (3-pin)
- User stretch duration definable from 0 ms to 100 ms
- User can define active high or active low
- Input voltage can be selectable to cater for 5 V, 12 V, and 24 V
- Transmission speeds: 3/6/12 Mbps
- RJ-45 phone jack for easy installation
- Compact and single board design to meet space limitation and cost-effective requirement

Software Support

■ Windows® Platform

Windows® 7/Vista (32-bit)/XP/2000 libraries

■ HSL LinkMaster Utility

The HSL LinkMaster utility is used to scan and test slave devices.

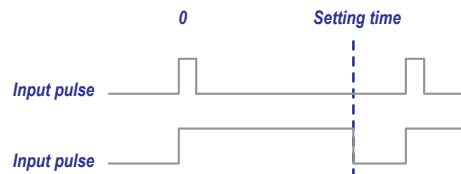
Ordering Information

■ HSL-D116-UL

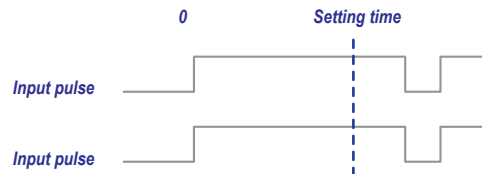
16-CH discrete input with stretcher function

Pulse Stretch Options

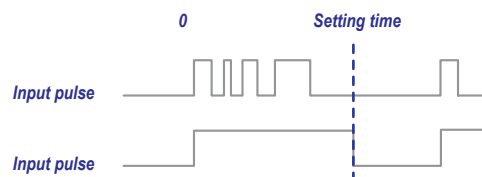
Case 1. Input pulse duration < setting duration:
stretch duration = setting time.



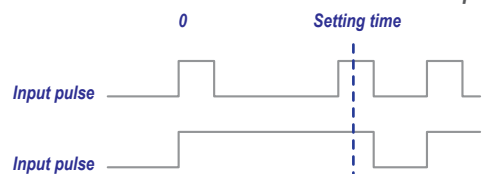
Case 2. Input pulse duration > setting duration:
stretch duration = input pulse duration



Case 3. Input pulse duration < setting duration,
but extra pulses occurs in this period:
Stretch active based on first pulse.



Case 4. Input pulse duration < setting duration,
but extra pulse occurs at the end of setting time:
Stretch will extend the duration until extra pulse ends.



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