

CuteLine

Common features

- Communication by CAN bus (supports div. protocols)
- Communication by Modbus RTU RS485
- Power supply 7-30 VDC
- -40°C - +85°C
- DIN Rail 35mm



Overview CuteLine Modules

The multifunctional I/O modules from HUEGLI TECH.

Cost saving expansion for complex application where you need additional I/O for your Gen-Set controller.

Offered in a very durable space saving size, simple connection to the main unit via CAN or Modbus.

By using of the regular configuration software you simply add and embed it into your control system.

General Technical Data

Communication Supported Protocols	Can Bus IS/IG/IC/IL
	Can Bus HT Controller
	Can J1939
	Mod Bus RTU
Operational Temperature	-40 to +85 oC (-40 to +185oF)
Storage Temperature	-40 to +85 oC (-40 to +185oF)
Relative Humidity	5 to 95%, Non-condensing
Dimension (including terminal blocks)	30 x 110 x 94 mm
Weight (including terminal blocks)	190g
Wire Size	22 to 12 AWG
Mounting	DIN Rail 35 mm

Available Models

HT-CL-AIN8T
(item no 8435)



Technical Data

Power Supply	7-30VDC, Reverse Polarity Protected
Current Consumption	40mA with 24VDC Input 25°C
Number of Inputs	8, differential
Sensor Types/Range	Thermocouple Type K 0 - 850°C (32 - 1562°F)
	Thermocouple Type J 0 - 635°C (32 - 1175°F)
	Thermocouple Type L 0 - 620°C (32 - 1148°F)
	Pt100 (RTD) 0 - 300°C (32 - 572°F)
	NI100 0 - 160°C (32 - 320°F)
Resolution	1°
Accuracy	Thermocouples: 0.7% of Full Scale Reading @ 25°C
	RTD: 1.2% of Full Scale Reading @ 25°C
Calibration	Factory Calibrated

HT-CL-AIN8UI
(item no 8434)



Technical Data

Power Supply	7-30VDC, Reverse Polarity Protected
Current Consumption	35mA with 24VDC Input 25°C
Number of Inputs	8, Non-Isolated
Sensor Types/Range	Input Current 0-20mA/ 4-20mA
	Input Voltage 0 - 10V
Accuracy	0.5% of Full Scale @ 25°C
Calibration	Factory Calibrated

Available Models

HT-CL-AOUT4
(item no 8758)



Technical Data

Power Supply	9-30VDC, Reverse Polarity Protected
Current Consumption	70 mA with 24VDC Input @ 25°C under no load condition
Number of Inputs	4, Non-Isolated
Number of Outputs	4, Galvanic Isolated
Input/Output type	Current 0-20mA/ 4-20mA
	Voltage 0 - 10V
Accuracy	0.5% of Full Scale @ 25°C
Calibration	Factory Calibrated

HT-CL-BOUT8
(item no 8431)



Technical Data

Power Supply	7-30VDC, Reverse Polarity Protected
Current Consumption	45mA with 24VDC Input @ 25°C(Output Fully Off State)
Number of Outputs	8, Configurable, Non-Isolated, Short-Circuit Protected
Output Current Rating	Maximum 0.5A Per Channel
On/Off State Voltage Drop	0.2Vdc Maximum
Output Signal Delay	Off to On State @ 10mS Maximum
	On to Off State @ 10mS Maximum

HT-CL-BIN8
(item no 8189)

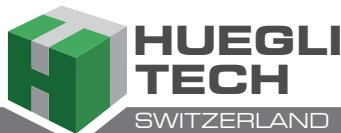


Technical Data

Power Supply	7-30VDC, Reverse Polarity Protected
Current Consumption	85mA with 24VDC Power Supply Input @ 25°C
Number of Outputs	8, Configurable in 4 groups of 2 channel, Non-Isolated
COM x+y connected to Ground (-) Configuration	
On State Voltage	Minimum 3.5V
	Maximum 28.8V
Off State Voltage	Maximum 1.8V
COM x+Y connected to +24VDC	
On State Voltage	Minimum 4.5V
	Maximum 28.8V
Off State Voltage	Maximum 2.5V

Local Distributor / Partner:

PCL USA
www.pcl-usa.com



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