

Automotive H-Bridge Module

Product Features

- Operating voltage range of 8-32 VDC
- Reverse battery protection
- Voltage transient protection
- Short circuit and over load protection
- Up to 30A per operating current
- J1113/13 and IEC61000-4-2 compliant
- 4 slew rate options
- Small footprint
- Potted - protection from harsh environments
- Easy 2 point mounting / rugged ABS housing
- Customizable



Automotive H-Bridge Module

This solid state DC load reversing contactor is wired in an H-Bridge configuration and is rated for up to 30A at 24VDC.

This device provides an efficient way to reverse polarity on a variety of DC loads including solenoids, motors, brake/clutch assemblies, etc.

Unit Connections

Input connector	.....	DT15-6P (or equivalent)
Mate connector	.....	DT06-6S
Pin 1	.....	Slew rate MSB*
Pin 2	.....	Slew rate LSB
Pin 3	.....	NC
Pin 4	.....	NC
Pin 5	.....	IN 2
Pin 6	.....	IN 1
Load connector	.....	DTP10-4P
Mate connector	.....	DTP06-4S
Pin 1	.....	Ground (- battery)
Pin 2	.....	(load side 1)
Pin 3	.....	+V (+ battery)
Pin 4	.....	Reverse (load side 2)

* Slew rate options include instant, 1 sec, 3 sec, 5 sec

Electrical Specifications

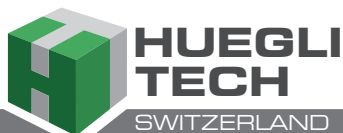
Power Supply Voltage	8-32 VDC
Logic Supply Voltage	5.0 VDC
Operating Current	30A Max
Surge Current (300uS)	200A Max
Off Leakage Current	250uA Max / 20uA Typ
On Resistance	7 mΩ Max / 3.5 mΩ Typ
Jewels @ Load Dump	3J Max (12 VDC@20A, 15mH inductance)

Environmental Specification

Storage temperature	-40° to 85°C
Operating temperature	-40° to 85°C
IP rating	67
Weight	0.40 lbs. Typ
Package Dimensions	2.000" W / 3.125" L / 2.250" H



Local Distributor / Partner:



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