







MAIN FUNCTIONS

REFRIGERATION

HEATING

VENTILATION

AIR DIRECTION

MULTIPLEX

CABIN CONTROL

CHARACTERISTICS

- Innovative design
- Designed for heavy-duty applications
- Analog commands
- Backlit buttons and symbols
- Available as HMI Human Machine Interface (CAN Bus)
- Customer logo on the panel
- Screwless installation
- Automotive connector
- High frontal protection grade

- Innovative design
- Graphic 128x64px OLED Display
- Dynamic RGB backlight
- Circular Graphic 128x128px OLED Display
- Available as HMI Human Machine Interface (CAN Bus)
- Operation Screen with client logo
- Function Hourmeters
- 10 selectable languages via menu

AVAILABLE FOR























INTERFACE POSITIONS



CHOOSE BETWEEN THE HORIZONTAL OR VERTICAL (i) FORMATS





VENTILATION SPEED CONTROLLER

INTERFACES FOR COMPLETELY CUSTOMIZABLE FUNCTIONS

CONTROLLERS DEVELOPED WITH BUTTONS AND

3 speed 16A@12V or 10A@24V 4 speed 25A@12V or 15A@24V

* Not available at Neo3 central position











TEMPERATURE

Control in 22 or 10 positions Hot & Cold | Cold | Hot | Setpoint









AIR DIRECTIONING

3 or 5 positions Flap Positions







POTENTIOM ETER

2 INDIVIDUAL BUTTONS

6 available status LEDs



Present a not yet available function and Globus will analyze its development

CONFIGURATIONS OPTIONS

OUTPUTS: Analog, Digital Positive and Negative, Bridge (flap motor) and PWM

INPUTS: Analog and Digital

COMMUNICATION: CAN Bus and One Wire

FUNCTIONS UNDER REQUEST



















BLUETOOTH

CAN BUS INTERFACE

NETWORK

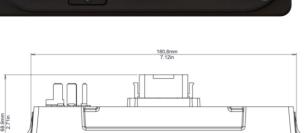
LOGGER

CUSTOMIZABLE **INTERFACES**



TECHNICAL DATA





Approximated weight: 465g

14.5mm 0.57in 8.0mm 0.31in 24.7mm 0.97in

OEM

HVAC

CABIN / MUX



CONNECTORS



3 SPEED POWER SWITCH Part Number: 754C3 Manufacturer: Koch Sales



4 SPEED POWER SWITCH Part Number: 12110047 Manufacturer: Delphi



POSITIVE LOCK 1 way Part Number: 154719-1 Terminal – PN: 880645-6 Manufacturer: Tyco Electronics



MATE-N-LOK 15 ways Part Number: 1-480710 - 0 Terminal - PN: 350689-3 Manufacturer: Tyco Electronics

TECHNICAL DATA	
OPERATING VOLTAGE	12 VDC / 24 VDC
OPERATING VOLTAGE RANGE	9 VDC to 30 VDC
MAXIMUM VOLTAGE	32 VDC during 5 min
MAXIMUM CURRENT PER OUTPUT	See individual product description
OUTPUT SHORT-CIRCUIT	Protected *
REVERSE POLARITY	Protected *
OPERATING TEMPERATURE RANGE	-40°C to +85°C /-40°F to +185°F
STORAGE TEMPERATURE	-40°C to +125°C /-40°F to +257°F
TEMPERATURE SENSOR	NTC - See individual product description
FRONTAL PROTECTION DEGREE	IP 54
COMMUNICATION	One Wire / CAN Bus
MAXIMUM CURRENT CONSUMPTION	
NEO1 - NO POWER KEY	25mA @ 12 VDC / 32mA @ 24 VDC
NEO1 – WITH POWER KEY - MINIMUM BRIGHTNESS	5,5mA @ 12 VDC / 16,5mA @ 24 VDC
NEO1 – WITH POWER KEY - MAXIMUM BRIGHTNESS	12mA @ 12 VDC / 36mA @ 24 VDC
NEO2	40mA @ 12 VDC / 20mA @ 24 VDC **
NEO3	70mA @ 12 VDC / 35mA @ 24 VDC **
STANDBY CONSUMPTION (NEO2 E NEO3)	**

^{*} According to product configuration. ** Consumption may vary according to customer specifications. We keep the right to update or change information regarding products without prior notice.



VENTILATION, TEMPERATURE and AIR DIRECTION

OEM

HVAC

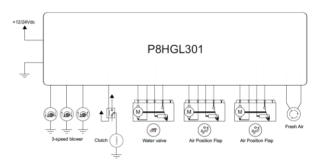
Allows for speed, temperature and air direction adjustments

3-SPEED VENTILATION, PROPORTIONAL TEMPERATURE AND AIR DIRECTION CONTROLLER

GL-P8HGL301

- 3-Speed ventilation control
- Proportional hot water valve control
- 2 proportional air position flaps
- 1 Fresh Air flap
- Standard DIN radio size
- 500mA negative clutch output
- A/C button
- Fresh Air button
- Diagnostic LED





OEM

HVAC

CARIN / MIIX



Use the panel as an interface and develop your own control algorithm

VENTILATION, PROPORTIONAL TEMPERATURE AND AIR DIRECTION CONTROLLER

GL-P8HGL302

- HMI Human Machine Interface
- CAN Bus communication with ECU
- Knob position reading
- Button status reading
- Temperature sensor reading
- LED status writing
- Standard DIN radio size
- Up to 2 function buttons
- Up to 8 indication LEDs







VENTILATION, TEMPERATURE and AIR DIRECTION

OEM

HVAC

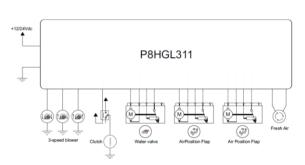
For vertical mounting option

3SPEED VENTILATION, PROPORTIONAL TEMPERATURE AND AIR DIRECTION CONTROLLER

GL-P8HGL311

- 3-Speed evaporator power switch 16A@12V
- Proportional hot water valve control
- 2 proportional air position flaps
- 1 Fresh Air flap
- Standard DIN radio size
- Vertical format
- 500mA negative clutch output
- A/C button
- Fresh Air button
- Diagnostic LED









Choose the best options for your system

PIN CN1		NEO 3 I	POSSIBLE CONFIGURATIONS	- HARD	WARE 1		
1	POWER SUPPLY	OR		OR	-	OR	-
2	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	BRIDGE H1	OR	PWM OUTPUT
3	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	BRIDGERI	OR	PWM OUTPUT
4	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	BRIDGE H2	OR	PWM OUTPUT
5	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	BRIDGE HZ	OR	PWM OUTPUT
6	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE SA	OR	PWM OUTPUT	OR	-
7	DIGITAL OUTPUT NEGATIVE 0.5A	OR	PWM OUTPUT	OR		OR	-
8	GND	OR		OR		OR	-
9	DIGITAL INPUT	OR	CAN L	OR		OR	-
10	ANA LOG INPUT	OR	DIGITAL INPUT	OR		OR	-
- 11	GND	OR	-	OR		OR	-
12	ANA LOG INPUT	OR	DIGITAL INPUT	OR		OR	-
13	GND	OR		OR		OR	-
14	ANA LOG INPUT	OR	DIGITAL INPUT	OR	CAN H	OR	-
15	ANA LOG INPUT	OR	DIGITAL INPUT	OR		OR	-
PIN CN2							
1	POWER SUPPLY	OR		OR			
		UK		OR		OR	-
2	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR		OR	PWM OUTPUT
2					BRIDGE H3		
	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	BRIDGE H3	OR	PWM OUTPUT
3	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A	OR OR	DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A	OR OR		OR OR	PWM OUTPUT
3	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A	OR OR	DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A	OR OR	BRIDGE H3	OR OR	PWM OUTPUT PWM OUTPUT
3 4 5	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A	OR OR OR	DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A	OR OR OR	BRIDGE H3	OR OR OR	PWM OUTPUT PWM OUTPUT PWM OUTPUT
3 4 5 6	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A	OR OR OR OR	DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A	OR OR OR OR OR	BRIDGE H3 BRIDGE H4	OR OR OR OR	PWM OUTPUT PWM OUTPUT PWM OUTPUT
3 4 5 6 7	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A	OR OR OR	DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A	OR OR OR OR OR OR	BRIDGE H4	OR OR OR OR OR	PWM OUTPUT PWM OUTPUT PWM OUTPUT
3 4 5 6 7 8	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A GND	OR OR OR	DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A	OR OR OR OR OR OR OR OR	BRIDGE H4	OR OR OR OR OR OR OR	PWM OUTPUT PWM OUTPUT PWM OUTPUT
3 4 5 6 7 8	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A GND ANALOG INPUT	OR	DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL INPUT	OR	BRIDGE H4	OR OR OR OR OR OR OR OR OR	PWM OUTPUT PWM OUTPUT PWM OUTPUT
3 4 5 6 7 8 9	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A GND ANALOG INPUT	OR	DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL INPUT DIGITAL INPUT	OR	BRIDGE H4	OR	PWM OUTPUT PWM OUTPUT PWM OUTPUT
3 4 5 6 7 8 9 10	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A GND ANALOG INPUT ANALOG INPUT	OR	DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL INPUT DIGITAL INPUT	OR	BRIDGE H4	OR	PWM OUTPUT PWM OUTPUT PWM OUTPUT
3 4 5 6 7 8 9 10 11	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A GND ANALOG INPUT ANALOG INPUT ONE WIRE	OR O	DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL INPUT DIGITAL INPUT ANALOG INPUT	OR	BRIDGE H4 BRIDGE H4 DIGITAL INPUT	OR	PWM OUTPUT PWM OUTPUT PWM OUTPUT
3 4 5 6 7 8 9 10 11 12	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A GND ANALOG INPUT ANALOG INPUT ONE WIRE GND	OR O	DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL OUTPUT POSITIVE 0.5A DIGITAL INPUT DIGITAL INPUT ANALOG INPUT	OR O	BRIDGE H4 BRIDGE H4 DIGITAL INPUT	OR O	PWM OUTPUT PWM OUTPUT PWM OUTPUT





PIN	NEO 3 POSSIBLE CONFIGURATIO	ONS - HARDWARE 2	
1	POWER SUPPLY - COMUM DEFROST KEY / MAX POT VALVE / MIN POT FLAP	OR	
2	N.O. DEFROST KEY – 10A	OR	
3	-	OR	MAX POT BLOWER (*)
4	-	OR	MIN POT BLOWER (*)
5	-	OR	CENTER POT BLOWER (*)
6	N.O. A/C KEY - 10A	OR	
7	-	OR	MIN POT FLAP
8	GND - BACKLIGHT / MIN POT VALVE	OR	
9	CENTER POT FLAP	OR	
10	CENTER POT VALVE	OR	
11	-	OR	
12	POWER SUPPLY BACKLIGHT	OR	
13	MAX POT FLAP	OR	
14	-	OR	COMUM DEFROST KEY
15	POWER SUPPLY A/C KEY	OR	

^{*} The potentiometer is not mounted when the power switch is used.

PIN			NEO 3 POSSIBLE CONFI	GUR	ATIONS - HA	\RD\	WARE 3		
1	POWER SUPPLY	OR		OR		OR		OR	-
2	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	BRIDGE H1	OR	PWM OUTPUT	OR	-
3	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	DRIDGE HI	OR	PWM OUTPUT	OR	-
4	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	BRIDGE H2	OR	PWM OUTPUT	OR	-
5	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	DRIDGE HZ	OR	PWM OUTPUT	OR	DIGITAL OUTPUT POSITIVE 5A
6	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 5A	OR	PWM OUTPUT	OR		OR	-
7	DIGITAL OUTPUT NEGATIVE 0.5A	OR	PWM OUTPUT	OR		OR		OR	-
8	GND	OR		OR		OR		OR	-
9	DIGITAL INPUT	OR	CAN L	OR	ONEWIRE	OR	ANALOG INPUT	OR	-
10	ANALOG INPUT	OR	DIGITAL INPUT	OR		OR		OR	-
11	GND	OR	-	OR		OR		OR	-
12	ANALOG INPUT	OR	DIGITAL INPUT	OR		OR		OR	-
13	GND	OR		OR		OR		OR	-
14	ANALOG INPUT	OR	DIGITAL INPUT	OR	CAN H	OR		OR	-
15	ANALOG INPUT	OR	DIGITAL INPUT	OR		OR		OR	-





PIN	NEO	3 POSS	IBLE CONFIGURATIONS - HARD	WARE 4	
1	POWER SUPPLY	OR		OR	
2	DIGITAL OUTPUT NEGATIVE 0.5A	OR	PWM OUTPUT	OR	
3	ANALOG OUTPUT 50mA	OR		OR	
4	ANALOG OUTPUT 50mA	OR		OR	
5	ANALOG OUTPUT 50mA	OR		OR	
6	DIGITAL OUTPUT POSITIVE 5A	OR		OR	
7	ANALOG INPUT	OR	DIGITAL INPUT	OR	ONE WIRE
8	GND	OR	-	OR	
9	DIGITAL INPUT	OR	CAN L	OR	
10	ANALOG INPUT	OR	DIGITAL INPUT	OR	
11	GND	OR		OR	
12	ANALOG INPUT	OR	DIGITAL INPUT	OR	
13	GND	OR		OR	
14	ANALOG INPUT	OR	DIGITAL INPUT	OR	CAN H
15	ANALOG INPUT	OR	DIGITAL INPUT	OR	

INTERFACE POSITIONS



CHOOSE BETWEEN THE HORIZONTAL OR VERTICAL (i) FORMATS

CONTROLLERS DEVELOPED WITH BUTTONS AND INTERFACES FOR COMPLETELY CUSTOMIZABLE FUNCTIONS





VENTILATION KNOBS

- 3 speed 16A@12V AND 10A@24V
- 4 speed 25A@12V AND 15A@24V
- * Not available in Neo 3 Plus central position







POTENTIOMETER WITH 22, 10, 5 OR 3 POSITIONS Central button available









ENCODER WITH CENTRAL BUTTON Dynamic RGB button available









OLED GRAPHIC DISPLAY 128x64px Horizontal and vertical position available





DISPLAY

BUTTONS

CIRCULAR OLED GRAPHIC DISPLAY 128x128px Customized operation screen



2 DIGITS / 7 SEGMENTS LED DISPLAY

- 4 button keyboard
- 2 status LEDs available



5 BUTTON KEYBOARD

4 status LEDs available



2 INDIVIDUAL BUTTONS

6 status LEDs available



Present a not yet available function and Globus will analyze its development

FUNCTIONS UNDER REQUEST











NETWORK









BLUETOOTH

INTERFACE

CAN BUS

LOGGER

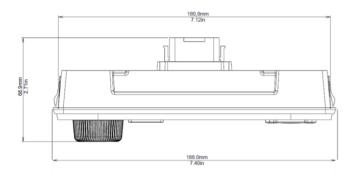
INTERFACES



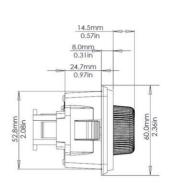


TECHNICAL DATA





Approximated weight: 465g





OEM



CONNECTORS



3 SPEED POWER SWITCH Part Number: 754C3 Manufacturer: Koch Sales



4 SPEED POWER SWITCH Part Number: 12110047 Manufacturer: Delphi



MATE-N-LOK 15 ways Part Number: 1-480710 - 0 Terminal - PN: 350689-3 Manufacturer: Tyco Electronics

T	TECHNICAL DATA
OPERATING VOLTAGE	12 VDC / 24 VDC
OPERATING VOLTAGE RANGE	10 VDC to 30 VDC
MAXIMUM VOLTAGE	32 VDC during 5 min
MAXIMUM CURRENT PER OUTPUT	500mA/5A *
OUTPUT SHORT-CIRCUIT	Protected *
REVERSE POLARITY	Protected *
OPERATING TEMPERATURE RANGE	-40°C to +85°C /-40°F to +185°F
STORAGE TEMPERATURE	-40°C to +125°C /-40°F to +257°F
TEMPERATURE SENSOR	NTC - See individual product description
FRONTAL PROTECTION DEGREE	IP 54
COMMUNICATION	One Wire / CAN Bus
MAXIMUM CURRENT CONSUMPTION (N	NEO2 Plus) 55mA @ 12 VDC / 30mA @ 24 VDC **
MAXIMUM CURRENT CONSUMPTION (N	NEO3 Plus) 80mA @ 12 VDC / 40mA @ 24 VDC **
STANDBY CONSUMPTION	10mA @ 12 VDC / 20mA @ 24 VDC **

^{*} According to product configuration. ** Consumption may vary according to customer specifications. We keep the right to update or change information regarding products without prior notice.







HVAC + R

OLED Display, backlit buttons and symbols

CUSTOMIZABLE CLIMATIZATION CONTROL*

- Innovative Design
- Backlit symbols and buttons
- Customer logo on the panel (optional)
- Screwless installation
- Designed for heavy-duty applications
- Up to 8 function buttons
- Up to 10 indication LEDs
- Standard DIN radio size







For the vertical mounting option

FLEXIBLE AND CUSTOMIZABLE HVAC CONTROLLER*

- Innovative Design
- Backlit symbols and buttons
- Customer logo on the panel (optional)
- Screwless installation
- Standard DIN radio size
- Designed for heavy-duty applications



^{*}Concept product, under request





PRODUCT CONFIGURATION

Choose the best options for your system

PIN			NEO 3 PLUS POSSIBLE CO	NFIC	GURATIONS	HAR	DWARE 1		
1	POWER SUPPLY	OR		OR	-	OR		OR	
2	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	DDID CE LI	OR	PWM OUTPUT	OR	
3	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	BRIDGE H1	OR	PWM OUTPUT	OR	
4	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	DDIDCELIA	OR	PWM OUTPUT	OR	CAN L
5	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	BRIDGE H2	OR	PWM OUTPUT	OR	CAN H
6	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	PWM OUTPUT	OR	DIGITAL OUTPUT POSITIVE 5A	OR	
7	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	PWM OUTPUT	OR	DIGITAL OUTPUT POSITIVE 5A	OR	ONE WIRE
8	GND	OR		OR	-	OR		OR	
9	ANALOG INPUT	OR	DIGITAL INPUT	OR	-	OR		OR	
10	ANALOG INPUT	OR	DIGITAL INPUT	OR	-	OR		OR	
11	GND	OR		OR	-	OR		OR	
12	ANALOG INPUT	OR	DIGITAL INPUT	OR	-	OR		OR	
13	GND	OR		OR	-	OR		OR	
14	ANALOG INPUT	OR	DIGITAL INPUT	OR	-	OR		OR	
15	ANALOG INPUT	OR	DIGITAL INPUT	OR	-	OR		OR	





PRODUCT CONFIGURATION

201.004					1					
PIN CN1		_	3 PLUS POSSIBLE CONF		RATIONS HA		ARE 2			
1	POWER SUPPLY	OR	-	OR		OR		-	OR	
2	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	BRIDGE H1	OR	PWA	OUTPUT	OR	
3	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR		OR	PWA	OUTPUT	OR	
4	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	BRIDGE H2	OR	PWA	OUTPUT	OR	CANL
5	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR		OR	PWA	OUTPUT	OR	CANH
6	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	PWM OUTPUT	OR	DIGITAL OUT	TPUT POSITIVE 5A	OR	
7	DIGITAL OUTPUT NEGATIVE 0.5A	OR	DIGITAL OUTPUT POSITIVE 0.5A	OR	PWM OUTPUT	OR	DIGITAL OUT	TPUT POSITIVE 5A	OR	
8	GND	OR		OR		OR		-	OR	
9	ANALOG INPUT	OR	DIGITAL INPUT	OR		OR		-	OR	
10	ANALOG INPUT	OR	DIGITAL INPUT	OR		OR		-	OR	
11	GND	OR	-	OR		OR		-	OR	
12	ANALOG INPUT	OR	DIGITAL INPUT	OR		OR		-	OR	
13	GND	OR	-	OR		OR		-	OR	
14	ANALOG INPUT	OR	DIGITAL INPUT	OR		OR		-	OR	
15	ANALOG INPUT	OR	DIGITAL INPUT	OR		OR		-	OR	
PIN CN2										
PIN CN2	POWER SUPPLY		OR -		OR			OR		
	POWER SUPPLY DIGITAL OUTPUT NEGATIVE 0.5A		OR – OR DIGITAL OUTPUT POSIT	IVE 0.5			 RDIDCE U2	OR OR		
1		(5 A OR		 BRIDGE H3		PWM	
1 2	DIGITAL OUTPUT NEGATIVE 0.5A	,	OR DIGITAL OUTPUT POSIT	IVE 0.5	5A OR			OR	PWM C	OUTPUT
1 2 3	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A		OR DIGITAL OUTPUT POSIT	IVE 0.5	5A OR 5A OR 5A OR		 BRIDGE H3 BRIDGE H4	OR OR	PWM C	OUTPUT
1 2 3 4	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A		OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT	IVE 0.5	5A OR 5A OR 5A OR			OR OR OR	PWM C	OUTPUT OUTPUT
1 2 3 4 5	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A	,	OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT	IVE 0.5	SA OR SA OR OR OR	E		OR OR OR OR	PWM C	OUTPUT OUTPUT
1 2 3 4 5	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A GND	,	OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR -	IVE 0.5	SA OR SA OR OR OR	E	BRIDGE H4	OR OR OR OR OR	PWM C	OUTPUT OUTPUT OUTPUT
1 2 3 4 5 6 7	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A GND DIGITAL OUTPUT NEGATIVE 0.5A	,	OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR - OR DIGITAL OUTPUT POSIT	IVE 0.5	5A OR 5A OR 5A OR 6A OR	E	BRIDGE H4	OR OR OR OR OR OR OR	PWM C	OUTPUT OUTPUT OUTPUT
1 2 3 4 5 6 7	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A GND DIGITAL OUTPUT NEGATIVE 0.5A GND	,	OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR - OR DIGITAL OUTPUT POSIT OR -	IVE 0.5	5A OR 5A OR 6A OR	E	BRIDGE H4	OR OR OR OR OR OR OR OR	PWM C	DUTPUT DUTPUT DUTPUT DUTPUT
1 2 3 4 5 6 7 8	DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A DIGITAL OUTPUT NEGATIVE 0.5A GND DIGITAL OUTPUT NEGATIVE 0.5A GND ANALOG INPUT	,	OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR DIGITAL OUTPUT POSIT OR - OR DIGITAL OUTPUT POSIT OR - OR DIGITAL OUTPUT POSIT OR -	IVE 0.5	5A OR 5A OR 5A OR 6A OR	E	BRIDGE H4 WM OUTPUT	OR	PWM C	DUTPUT DUTPUT DUTPUT
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