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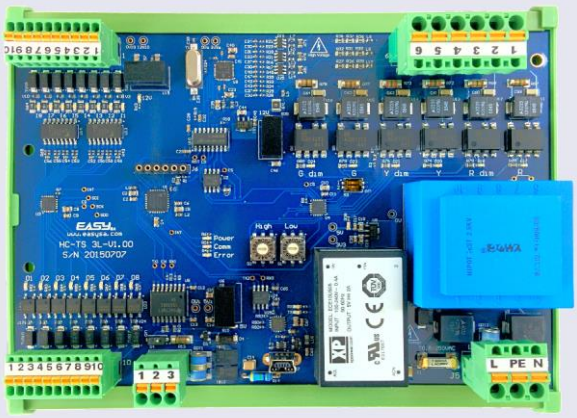
Interface for traffic lights LED HC-TS



The interface for traffic lights LED **HC-TS**, developed and manufactured by ***EASYsa***, is the ideal solution for a safe and remote control of traffic lights. The proper operation of the lights is guaranteed by the continuous current and voltage measurements and the feedback of the lights status to the control system

HC-TS is equipped with a serial and a parallel interface for the communications with the control system. There is also an extra USB interface for settings and local diagnostics. In addition to the control functions the serial interface allows remote diagnostics and updates.

The high technology of **HC-TS** brings together the functionalities of use, safety and service in a minimum volume in order to become the ideal universal solution for the control of any type of road traffic lights.

HC-TS, the best answer for modern needs :

- Day/night mode with operating capacity of 12/4 W per canal with 230/160VAC
- Synchronization function and adjustment of flashing duration
- Additional inputs/outputs for special functions
- Guarantee of functionality by continuous monitoring of current and voltage of the 3 output lines
- High immunity against parasites with galvanic separations between electronic – output lines and between electronic – input lines
- Diagnostics and software updates by remote access

and numerous advantages …

- **complete solution, minimal congestion**
- **mounting on DIN rails and connection by plug-in terminals**
- **2 serial interfaces and 1 parallel interface with 8 inputs and 8 outputs**
- **customizable parallel interface**
- **USB interface for configuration and local diagnostics**
- **monitoring lights on board**
- **long service life, contactless electronics and no stressed components**
- **unique model for all types of LED lights**

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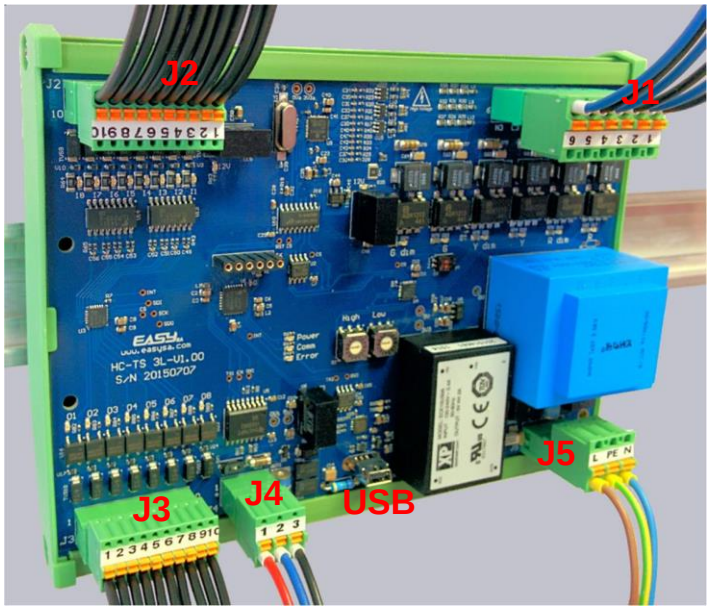
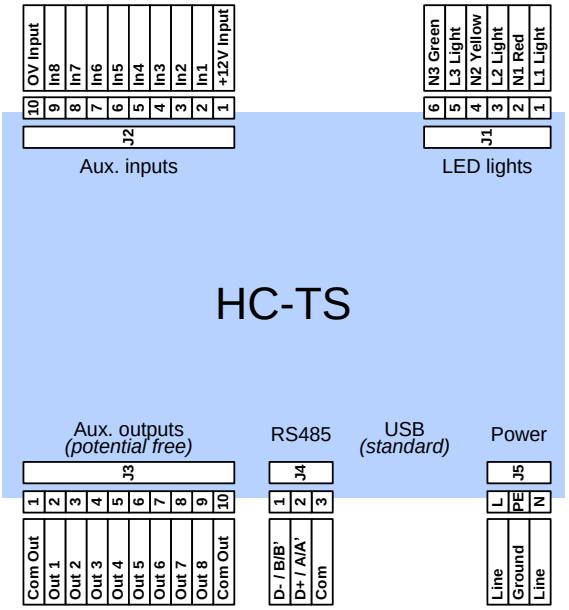
Utilization : pattern, connections and informations

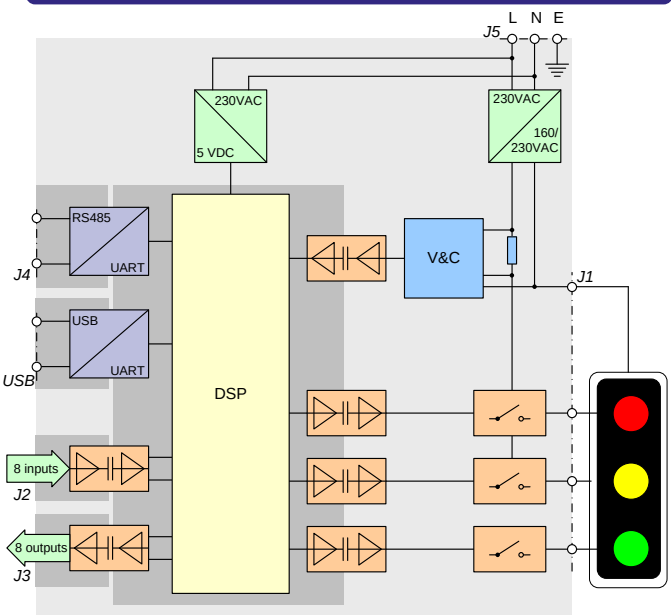




Technical data

Output types		3 x 230/160VAC
Output power		12W per output, 4W in reduced mode
Eligible sections	J1	0.2..2.5 mm², AWG 24-12
"	J2, J3	0.14..0.5 mm², AWG 26-20
"	J4	0.14..1.5 mm², AWG 26-16
"	J5	0.75..2.5 mm², AWG 19-12
Supply voltage		230VAC, ±10%, 40-60 Hz
Power consumption		< 10 W
Serial control interface		RS485 half-duplex isolated
Protocol		Modbus RTU
Data transfer		4800..115200 bauds
Parity		without, pair, impair
Stop		1 or 2 bits
Addressing		2 rotary switches
Parallel control interface		
Inputs		8 isolated inputs 10-30V
Outputs		8 isolated outputs 10-30V, 75mA
Diagnostic interface		USB
Montage		rail DIN TH 35 or wall mounting
Dimensions		162 x 124 x 64 mm

Pattern bloc



Do not hesitate to express your interest and needs and we gladly prepare an individual offer

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