



10311/2/1

Dual key switch module

Description

The 10311/2/1 module provides a Watchdog Reset key switch and a Force Enable key switch. Both key switches require different keys. However, the WD Reset keys and Force Enable keys of different 10311/2/1 modules are identical.

The Watchdog Reset key switch has three make contacts. It can only be removed in the open (i.e. horizontal) position. The switch is used for watchdog reset and fault reset.

The Force Enable key switch has one potential-free make contact. The key can be removed in both the open (i.e. horizontal) position and the closed (i.e. vertical) position. The enabled state of the Force Enable key switch is indicated by a red LED on the module front (underneath the switch). The switch is used to enable or disable forcing of the input and output signals, which is software-controlled.

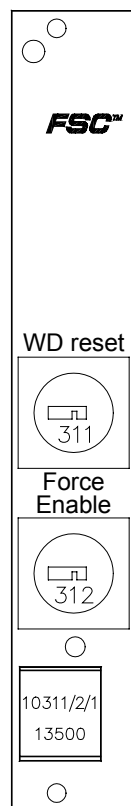


Figure 1 Module front

Block diagram

Figure 2 below shows the block diagram for the 10311/2/1 module:

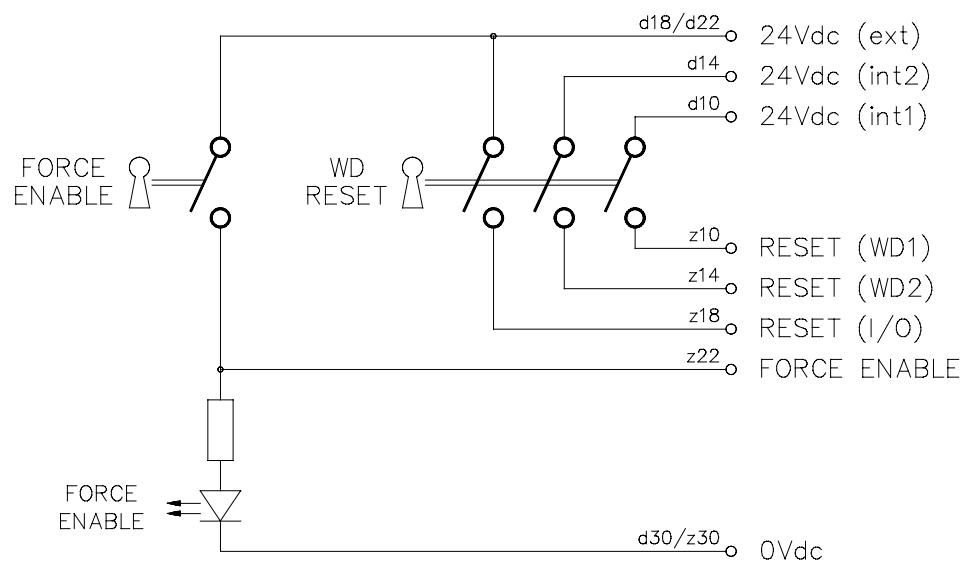


Figure 2 Block diagram



Technical data

The 10311/2/1 module has the following specifications:

General

Type number: 10311/2/1 13500
Approvals: CE, UL, TÜV
Software versions: not applicable
Space requirements: 4 TE, 3 HE (= 4 HP, 3U)

LED

Current consumption: typically 5 mA at 24 Vdc;
reverse polarity protected

Key switch contact

Maximum voltage: 36 Vdc
Maximum current: 2 A

Key coding

(See 'Key coding' data sheet)

Module code:
– holes A5, A13
Rack code:
– large pins A5, A13

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