

Output binary board

Boards E850, E851 contain 16 galvanic separated binary outputs of contact type. Board **E850** has individual inputs mutually separated; board **E851** has all the contact inputs interconnected. The boards use one address in the system for output operations.

Function description

The control and storage circuits of boards E850, E851 process signals from BE bus and provide for energizing of sixteen output relays. Output relays have one NO contact led. When signals WD or R (of BE bus) are active, all the storage circuits are reset in a foreground way and output contacts are set into open state.

16 green LED diodes are placed on the board front panel. LED lighting indicates closing of relevant output contact.

Technical parameters

Bus

Bus type: BE
Feeding voltage: +5 VDC
+12 VDC

Feeding voltage +5V, +12V tolerance: ± 5%
Max. feeding current from + 5V: 100 mA
Typical feeding current from + 5V: 75 mA
Max. feeding current from + 12V: 300 mA
Typical feeding current from + 12V: 250 mA
Max. feeding power consumption: 4.3 W

Related equipment

Number of output circuits: 16
Output contacts load
- max. voltage: 60 V
- max. current: 0.5 A
Load type: resistance or inductive

Other parameters

Max. power consumption: 4.3 W
Operational temperature range: 0°C..60°C
Dimension: 6HE 4TE
Weight: 0.32 kg

Boards interface

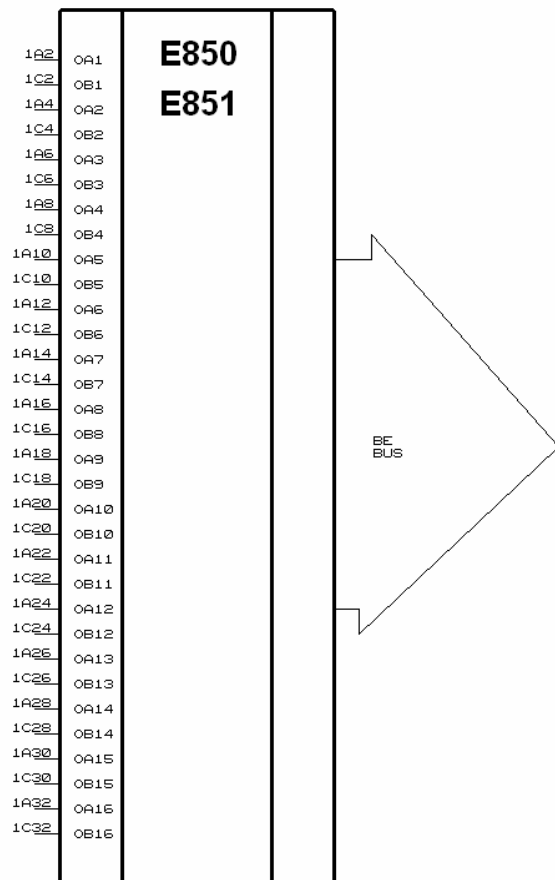
Bus connector

Connection, used signals and their levels comply with requirements of BE bus.

Connector of related equipment

OA, OB - freely led output contacts

Interface of boards E850, E851



Outputs OA1 up to OA16 of board E851 (ie. pins 1A2 up to 1A32) are mutually interconnected.

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