12.16 2DO 24 VDC/2 A High Feature digital electronic module (6ES7132-4BB30-0AB0)

Order number

6ES7132-4BB30-0AB0

Features

- Digital electronic module with two outputs
- Output current 2 A per output
- Rated load voltage 24 VDC
- Suitable for solenoid valves, DC contactors, and indicator lights
- Supports clocked operation

Peculiarity

When you connect the 24 VDC rated load voltage to the power module by means of a mechanical contact, depending on the circuit the digital outputs carry the “1” signal for approximately 50 μs. You need to take this into account if you connect the module to fast counters.

Terminal assignment

The following table indicates the terminal assignment of the 2DO 24 VDC, 2 A High Feature for the different terminal modules:

Table 12-24 Terminal assignment of the 2DO 24 VDC/2 A High Feature

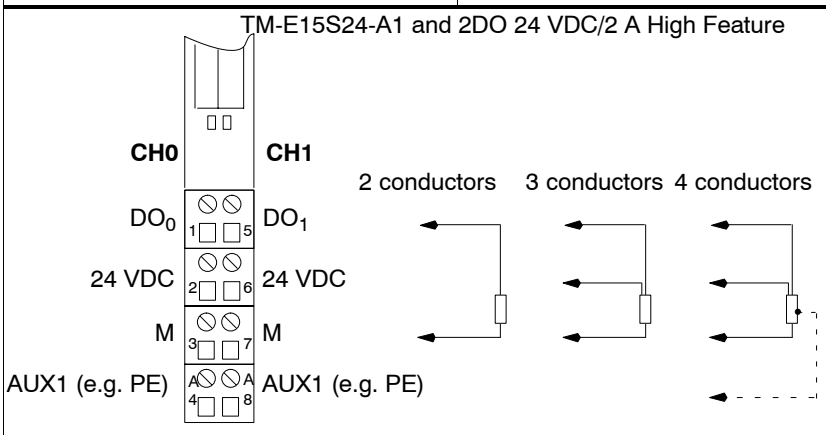
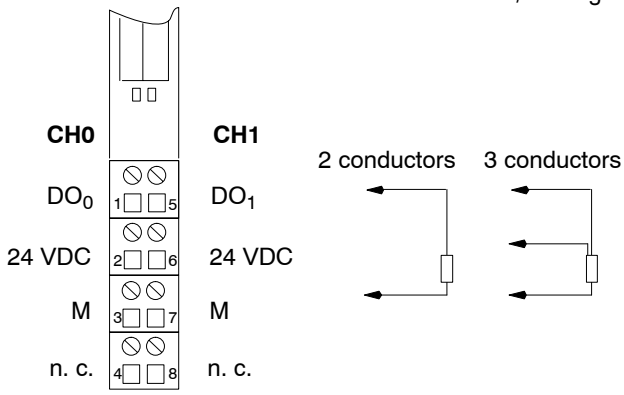
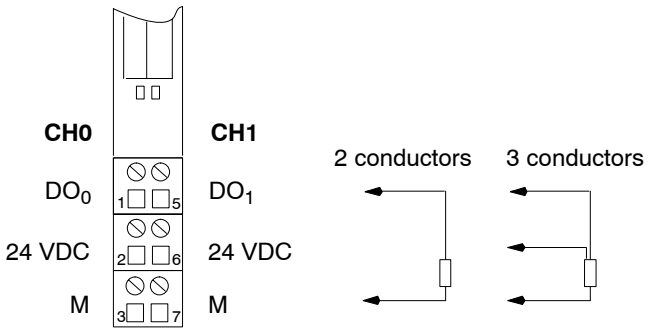
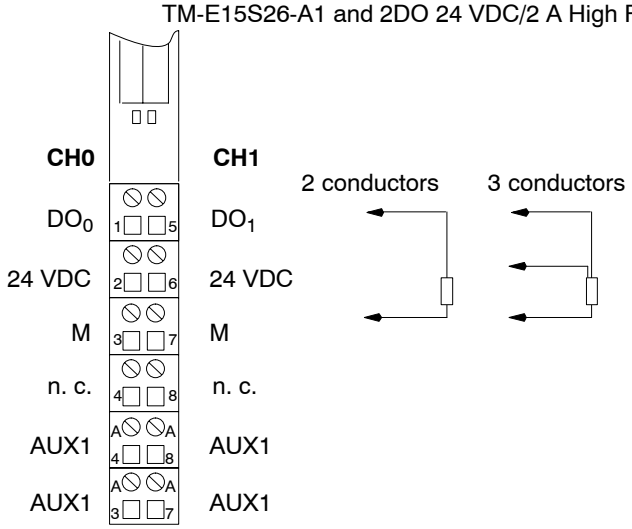
View	Terminal assignment	Remarks
	When there are 4 conductors, AUX1 must be applied to PE.	Channel 0: Terminals 1 to A4 Channel 1: Terminals 5 to A8 DO: Output signal (maximum 2 A per channel) 24 VDC: Sensor supply M: Ground, load power supply

Table 12-24 Terminal assignment of the 2DO 24 VDC/2 A High Feature, continued

View	Terminal assignment	Remarks
TM-E15S24-01 and 2DO 24 VDC/2 A High Feature  		Channel 0: Terminals 1 to 4 Channel 1: Terminals 5 to 8 DO: Output signal (maximum 2 A per channel) 24 VDC: Sensor supply M: Ground, load power supply Terminals 4 and 8 can be used for unneeded wires of up to 30 VDC.
TM-E15S23-01 and 2DO 24 VDC/2 A High Feature  		Channel 0: Terminals 1 to 3 Channel 1: Terminals 5 to 7 DO: Output signal (maximum 2 A per channel) 24 VDC: Sensor supply M: Ground, load power supply
TM-E15S26-A1 and 2DO 24 VDC/2 A High Feature  		Channel 0: Terminals 1 to A3 Channel 1: Terminals 5 to A7 DO: Output signal (maximum 2 A per channel) 24 VDC: Sensor supply M: Ground, load power supply Terminals 4 and 8 can be used for unneeded wires of up to 30 VDC.

Block diagram

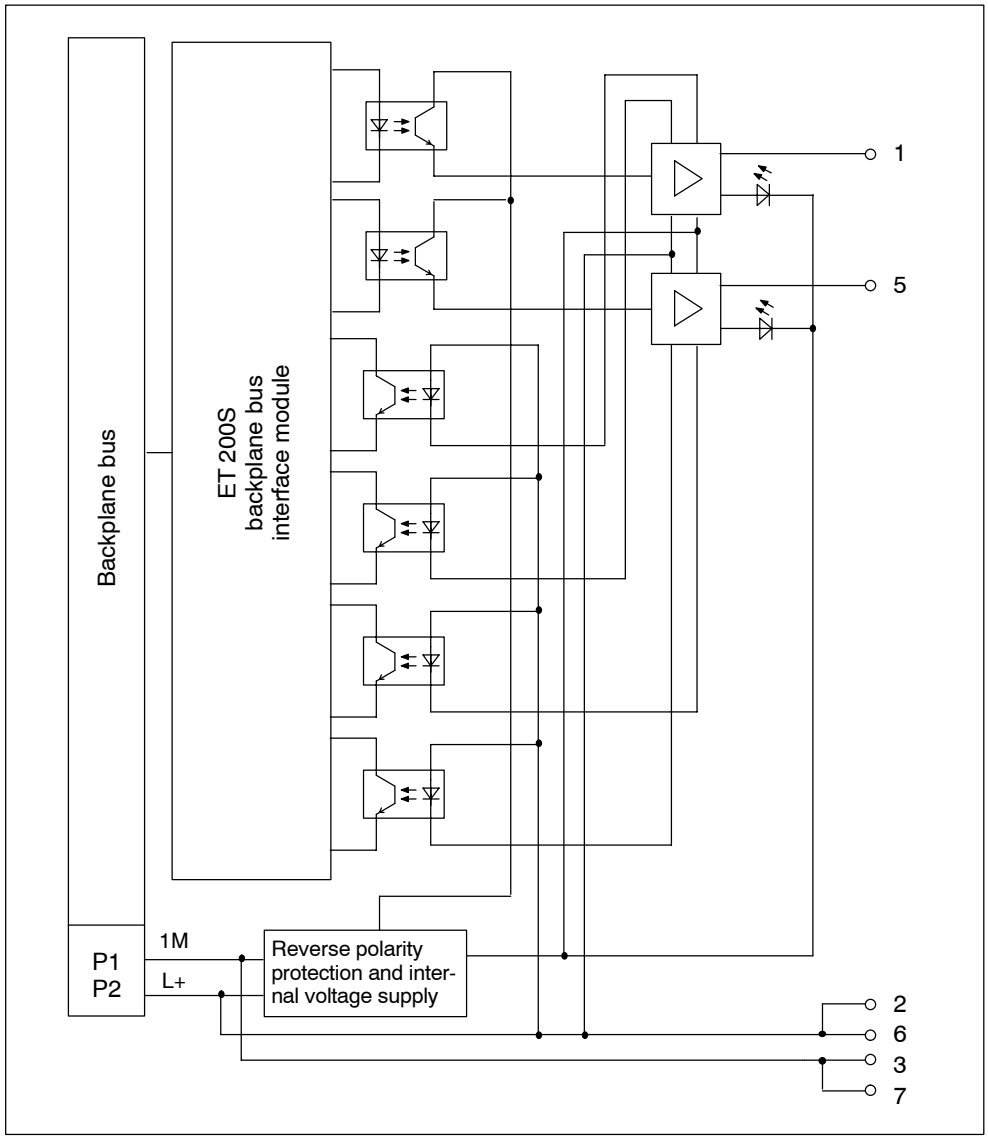


Figure 12-18 Block diagram of the 2DO 24 VDC/2 A High Feature