



## Features

- ✔ Digital inputs and outputs

## Input / Output module digital for 300 16x IN / 16x OUT

Digital mix modules for the 300 series

The module has 16 inputs and 16 outputs.

### General information

Order number	700-323-1BL00
Article name	DEA 300, DC 24 V, 0.5 A, 16 inputs (DC 24 V)/16 outputs (DC 24 V, 0.5 A)
Scope of delivery	DEA 300, DC 24 V, 0.5 A, 16 inputs (DC 24 V)/16 outputs (DC 24 V, 0.5 A)
Dimensions (DxWxH)	116 x 40 x 125 mm
Weight	Approx. 220g
Number of inputs	16
Number of outputs	16
Power dissipation (nominal operation)	typ. 6.8 W
Front connectors	40-pin

### Input voltage

For signal "0"	-3 ... +5 V
For signal "1"	+13 ... +30 V
Rated value	24 V DC
Input current for signal "1"	typ. 7 mA
Delay time	1.2 ... 4.8 ms
Can accommodate 2-wire initiator	Yes
Permitted bias current for signal "0"	1.5 mA

### Cable length

Unshielded	600 m
Shielded	1000 m

### Electrical isolation

from the backplane bus	Yes (optocoupler)
in groups to	16
Rated value	0.5 A
Short-circuit protection	Electronic
Inductive cutoff voltage limit	-48 V

### Supply voltage UP, US

Rated value	24 V DC
Ripple USS	max. 3.6 V
Permissible range (with ripple)	+20 ... +30 V
Voltage for t < 10 ms	max. 50 V

### Current draw

Internal (backplane bus)	typ. 90 mA
External (from +24 V/L+)	Max. 120 mA

**Ambient conditions**

Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C

Pollution degree	2
Protection rating	IP20
Approvals	CE

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