



### Features

- ✔ 32 Outputs 24V DC

## Output module digital for 300 32x 0,5A

Digital output modules for the 300 series

The module has 32 outputs.

### General information

Order number	700-322-1BL00
Article name	DEA 300, DC 24 V, 0.5 A, 32 outputs
Scope of delivery	DEA 300, DC 24 V, 0.5 A, 32 outputs
Dimensions (DxWxH)	116 x 40 x 125 mm
Weight	Approx. 250g
Number of outputs	32
Front connectors	40-pin

### Electrical isolation

from the backplane bus	Yes (optocoupler)
in groups to	8

### 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
Rated value	0.5 A

Short-circuit protection	Electronic
Inductive cutoff voltage limit	-48 V

### Cable length

Unshielded	max. 600 m
Shielded	max. 1000 m

### Ambient conditions

Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C
Protection rating	2
Certifications	IP20

### CE

RoHS	Yes
REACH	Yes





### Features

- ✔ 16 Outputs 24V DC

## Output module digital for 300 16x

Digital output modules for the 300 series

The module has 16 outputs.

## General information

Order number	700-322-1BH01
Article name	DEA 300, DC 24 V, 0.5 A, 16 outputs
Scope of delivery	DEA 300, DC 24 V, 0.5 A, 16 outputs
Dimensions (DxWxH)	116 x 40 x 125 mm
Weight	Approx. 220g
Number of outputs	16
Power dissipation (nominal operation)	typ. 5 W
Front connectors	20-pin

## Electrical isolation

from the backplane bus	Yes (optocoupler)
in groups to	8

## 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
Rated value	0.5 A
Short-circuit protection	Electronic

Inductive cutoff voltage limit	-48 V
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## Cable length

Unshielded	max. 600 m
Shielded	max. 1000 m

## Current draw

Internal (backplane bus)	Max. 100 m
External (from +24 V/L+)	typ. 120 mA

## Ambient conditions

Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C
Protection rating	2
Certifications	IP20

## CE

RoHS	Yes
REACH	Yes

## Output module digital for 300 8x Relai

### Features

- ✔ 8 relay outputs, 5A

Digital output modules for the 300 series

Digital output modules for the 300 series

The module has 8x relay outputs.

### General information

Order number	700-322-1HF20
Article name	DEA 300, relay, quenching circuit, 8 outputs
Scope of delivery	DEA 300, relay, quenching circuit, 8 outputs
Dimensions (DxWxH)	116 x 40 x 125 mm
Weight	Approx. 300g
Number of outputs	8
Isolation from the backplane bus	Yes (optocoupler)
Load voltage L+/L-	DC 24 V
Front connectors	40-pin

### Output voltage

AC to	230 V
DC to	120 V
Total current of the outputs (per group)	Max. 5 A

### Switching frequency of the outputs

Under resistive load max.	2 Hz
Under inductive load max.	0.5 Hz
Under lamp load max.	2 Hz

### Switching capacity of the contacts

Under resistive load max.	8 A (AC 230 V)
	8 A (DC 24 V)
Under inductive load max.	3 A (AC 230 V)
	2 A (DC 24 V)

### Switching operations of the contacts

Under mechanical load	10 million
Under resistive load	5 A, 0.2 million

### Ambient conditions

Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C
Pollution degree	2
Protection rating	IP20
Certifications	CE

### CE

RoHS	Yes
REACH	Yes



### Features

- ✓ 32 Outputs 24V DC

## Output module digital for 300 8x Relais 2A

Digital output modules for the 300 series

The module has 32 outputs.

### General information

Order number	700-322-1BL00
Article name	DEA 300, DC 24 V, 0.5 A, 32 outputs
Scope of delivery	DEA 300, DC 24 V, 0.5 A, 32 outputs
Dimensions (DxWxH)	116 x 40 x 125 mm
Weight	Approx. 250g
Number of outputs	32
Front connectors	40-pin

### Electrical isolation

from the backplane bus	Yes (optocoupler)
in groups to	8

### 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
Rated value	0.5 A

Short-circuit protection	Electronic
Inductive cutoff voltage limit	-48 V

### Cable length

Unshielded	max. 600 m
Shielded	max. 1000 m

### Ambient conditions

Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C
Protection rating	2
Certifications	IP20

### CE

RoHS	Yes
REACH	Yes





### Features

- ✔ 8 Outputs with 2A

## Output module digital for 300 8x 2A

Digital output modules for the 300 series

The module has 8 outputs with 2A.

### General information

Order number	700-322-1BF01
Article name	DEA 300, DC 24 V, 2 A, 8 outputs
Scope of delivery	DEA 300, DC 24 V, 2 A, 8 outputs
Dimensions (DxWxH)	116 x 40 x 125 mm
Weight	Approx. 220g
Number of outputs	8
Rated value	2 A
Power dissipation (nominal operation)	typ. 6.8 W
Front connectors	20-pin

### Electrical isolation

from the backplane bus	Yes (optocoupler)
in groups to	4

### 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. 40 V

### Short-circuit protection

Short-circuit protection	Electronic
Short-circuit current	Typ. 12 A clocked
Inductive cutoff voltage limit	-23 V

### Cable length

Unshielded	max. 600 m
Shielded	max. 1000 m

### Current draw

Current draw typical	typ. 40 mA
Current draw maximal	Max. 60 mA

### Ambient conditions

Ambient temperature	0 °C ... +60 °C
Transport and storage temperature	-25 °C ... +75 °C
Pollution degree	2
Protection rating	IP20
Certifications	CE



**CE**

REACH

Yes

RoHS

Yes

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