

DEA 300, Digital Output Convert; Relays



Digital output convert; 8 relays

The digital outputs convert the internal signal level into the external signal levels required for the process.

A green LED indicates the signal state of the outputs.

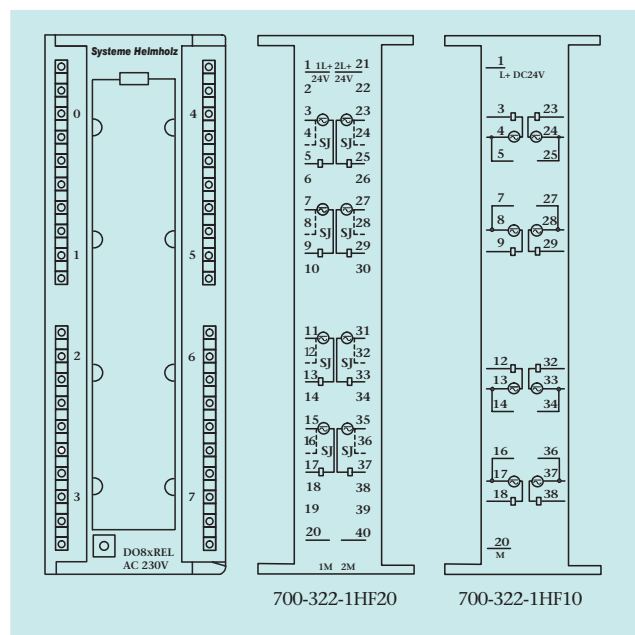
The outputs of the modules from the Systeme Helmholz GmbH are suitable for connection of solenoid valves, contactors, and small-power motors within the permissible range, etc. The output power of up to 5 amps per group is also suitable for larger loads.

Accessory-Note

The Systeme Helmholz GmbH supplies front connectors and cable sets (see page 27).



Ordering Data	
	Order-No.
DEA 300 8 output, relays, 5 A 8 output, relays, 5 A, snubber	700-322-1HF10 700-322-1HF20
Manual DEA 300, german/english	900-321-1DE11



Technical Data		
Number of outputs		8
Nom. load voltage L+/L-		DC 24 V
Switching voltage		AC to 230 V DC to 120 V
Output current Aggregate current of the output (per group) max.		5 A
Isolation to backplane bus - in groups		optocoupler 1
Switching frequency - resistive load max. - inductive load max. - lamp load max. - mechanical max.		2 Hz 0.5 Hz 2 Hz 10 Hz
Rated load - resistive load max. - inductive load max.		5 A (AC 230 V) 5 A (DC 24 V) 2 A (AC 230 V) 2 A (DC 24 V)
Expected life - mechanical - resistive load		10 Mio. 5 A, 0.2 Mio.
Permissible ambient temperature - operating - transport and storage		0°C ... 60°C -25°C ... 75°C

DEA 300, Digital Output Convert; Relays



Digital output convert, 16 relays

The digital outputs convert the internal signal level into the external signal levels required for the process. A green LED indicates the signal state of the outputs. The outputs of the modules from the Systeme Helmholz GmbH are suitable for connection of solenoid valves, contactors, and small-power motors within the permissible range, etc. The output power of up to 8 amps per group is also suitable for larger loads.

Accessory-Note

The Systeme Helmholz GmbH supplies front connectors and cable sets (see page 27).

Technical Data		
	700-322-1HH01	700-322-1HF01
Number of outputs	16	8
Nom. load voltage L+/L-	DC 24 V	DC 24 V
Switching voltage	AC to 230 V DC to 120 V	AC to 230 V DC to 120 V
Output current		
Aggregate current of the output (per group) max.	8 A	4 A
Isolation to backplane bus	optocoupler	optocoupler
- in groups	8	2
continuous thermal current	2 A	3 A
Switching frequency		
- resistive load max.	1 Hz	1 Hz
- inductive load max.	0.5 Hz	0.5 Hz
- lamp load max.	1 Hz	1 Hz
- mechanical max.	10 Hz	10 Hz
Rated load		
- resistive load max.	2 A (AC 230 V) 2 A (DC 24 V)	2 A (AC 230 V) 2 A (DC 24 V)
- inductive load max.	2 A (AC 120 V) 2 A (DC 24 V)	2 A (AC 120 V) 2 A (DC 24 V)
Expected life		
- mechanical	10 Mio.	10 Mio.
- resistive load	2 A, 1 Mio.	2 A, 0.7 Mio.
Perm. ambient temperature		
- operating	0°C ... 60°C	0°C ... 60°C
- transport and storage	-25°C ... 75°C	-25°C ... 75°C

Ordering Data	
	Order-No.
DEA 300	
16 outputs, relays, 2 A	700-322-1HH01
8 outputs, relays, 2 A	700-322-1HF01
Manual DEA 300, german/english	900-321-1DE11

