

DEA 300, Digital Output Module; 2 Amps



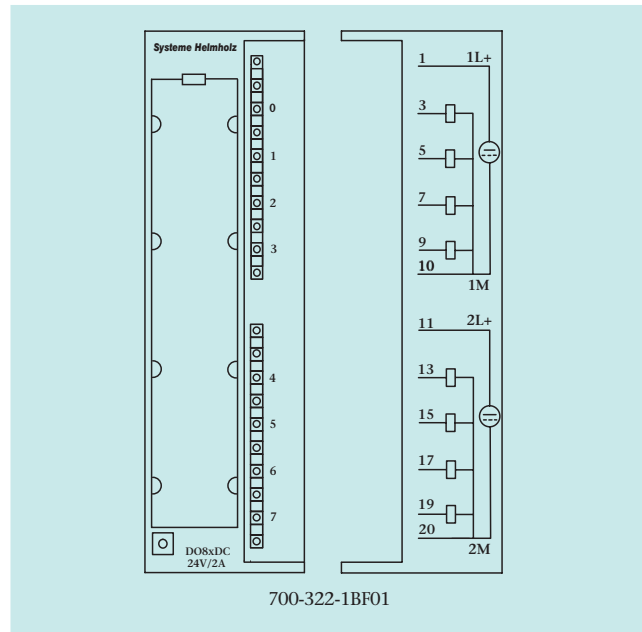
Digital output module ; 8 outputs, 2 amps

The digital outputs convert the internal signal level to the external signal level required for the process. Green LEDs indicate the signal state of the outputs.

The outputs of the modules from the Systeme Helmholtz GmbH are also suitable for connection of, for example, solenoid valves, contactors, and small-power motors within the permissible data. The output power of 2 amps per channel is also suitable for larger loads.

Accessory-Note

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



Ordering Data

	Order-No.
DEA 300 8 outputs (DC 24 V, 2 A)	700-322-1BF01
Manual DEA 300 , german/english	900-321-1DE11

Technical Data

Number of outputs	8
Isolation (from backplane bus) in groups of	yes (optocoupler) 4
Supply voltage L+/L- - nom. value - ripple V_{PP} max. - permissible range (with ripple) - value at $t < 10$ ms max.	DC 24 V 3.6 V 20 ... 30 V 40 V
Output current - nom. value	2 A
Aggregate current of the outputs (per group, horizontal mounting) - to 40°C - to 55°C	8 A 6 A
Short-circuit protection	electronic
Short-circuit current typ.	12 A clocked
Voltage induced on circuit interruption limited to	-23 V
Cable length - unshielded max. - shielded max.	600 m 1000 m
Current consumption - internal (backplane bus) max. - ext. without load (from +24 V) max.	25 mA 70 mA
Power loss (nominal operation) typ.	3.7 W
Front connector	20-way
Permissible ambient temperature - operating - transport and storage	0°C ... 60°C -25°C ... 75°C