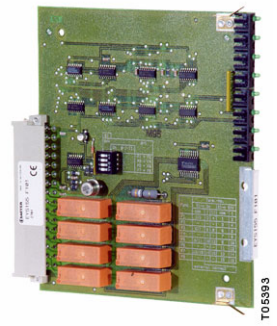
PDS 92.655 | en Product Data Sheet | EYS155

EYS155: nova106, Function card for 0-I/0-I-II commands

This card allows independent switching of up to eight single- or four double-stage actuators. The switching stage for each function can be chosen via the S1 block of switches. The digital outputs are via relays.

Application: for controlling single- and double-stage actuators; without feedback



Products

Type	Description	Weight (kg)
EYS155F001	Function card for 0-I/0-I-II commands	0.18
EYS155F101	Function card for 0-I/0-I-II commands, with LED	0.18

Technical data

Electrical supply

Power supply	from rack
Max. current	
EYS155F001	170 mA
EYS155F101	185 mA
Power loss, max.	approx. 6.2 W

Inputs/Outputs

Number of inputs	8× 0-I
	4× 0-I-II
Type of outputs	Relay
Loading of outputs	42 V/2 A ≅

Permitted ambient conditions

Operating temperature	0…45 °C
Storage and transport temperature	–25…70 °C
Humidity	10…90% rh no condensation

Standards, guidelines and directives

CE conformity as per	
EMC Directive 2004/108/EC	EN 61000-6-1/EN 61000-6-2
	EN 61000-6-3/EN 61000-6-4

Additional information

Fitting instructions	MV 505539
Wiring diagram	A04509

Engineering notes

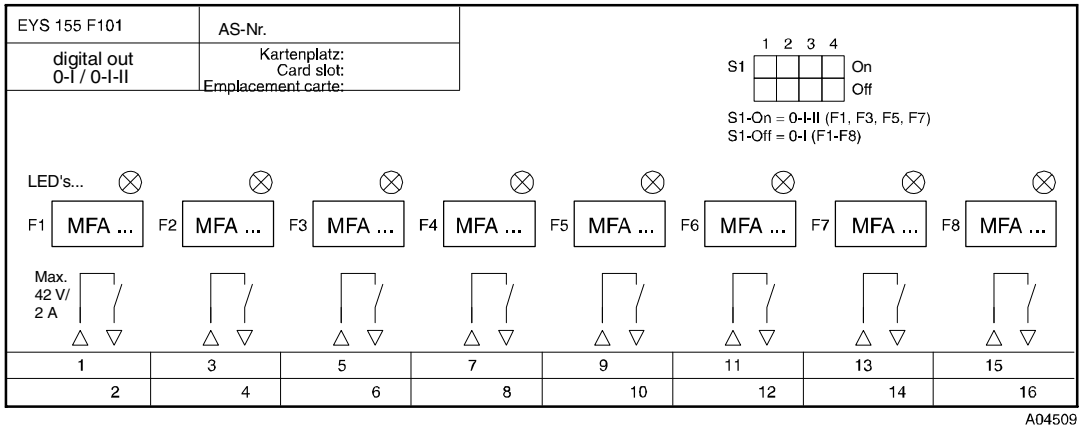
- The eight digital outputs are independent of each other.
- In each case, the actuator is connected to two terminals.
- If you choose a double-stage output, there must be power at both pairs of terminals (bridge). The relay contacts can be loaded at 42 V, 2 A ~/=.
- The switching stage for each function can be chosen via the S1 block of switches.

Switch Block S1

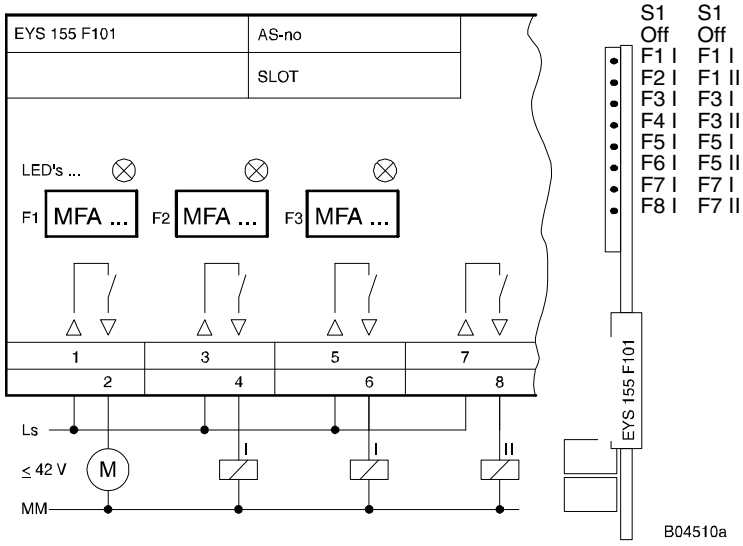
	Off: 0-I	On: 0-I-II
S1-1	F1 + F2	F1
S1-2	F3 + F4	F3
S1-3	F5 + F6	F5
S1-4	F7 + F8	F7

- The LEDs on the EYS155F101 card show which command stage is issued. This is equivalent to an optical, simulated feedback.

Wiring diagram



Wiring detail



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