

digital motor excess rotation speed protection

dimensions **85 x 65x 35.6mm**

frequency range adjustable **10 to 800Hz**



- ✓ plastic housing
- ✓ relay output
- ✓ mounting on DIN-rail
- ✓ status display LED
- ✓ terminal connection

adjustable frequency range
DIN-rail mounting

DC**RELAIS****Poti****device function:**

The digital excess rotation speed protection evaluates the signals of a transducer element, that is threaded on the motor's power supply line. Via the evaluation a monitoring of the rotation speed is realized. In case of exceeding the adjustable rotation speed the integrated relay is set.

article no.

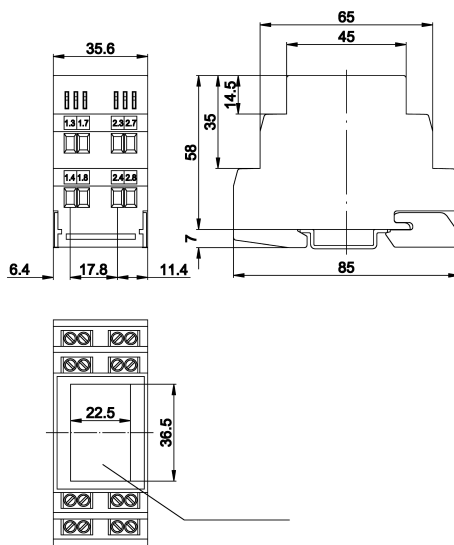
VY860800

output

relay

connection

screw terminals

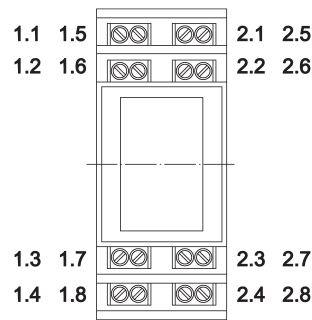


TECHNICAL DATA

inputs	current converter (max. 1W), reset (min. pulse length 300ms)
adjustment	diff. refl. sensor (teach-in), trimmer (rotation speed offset (1 ... 5%))
operating voltage	24V DC $\pm 20\%$
current consumption (w/o load)	< 15mA
output signal (relais)	nc
output current (max. load)	1.5A (at 250V AC)
display (operating)	LED green
display (functioning)	LED yellow
display (alarm)	LED red, excess rotation speed
display (teach)	LED red flashing
reverse polarity protection	+
dimensions	85 x 65 x 35.6mm
material (housing)	plastic PC
temperature (operating)	-25 ... +75°C
protection class (EN60529)	IP20
connection	screw terminals
mounting	DIN-rail
accessories	current converter NY98A943 (50A) / NY98A964 (100A) / NY98C491 (200A)

screw terminal

1.1 & 1.5	+24V DC $\pm 20\%$
2.1 & 2.5	GND (+24V)
1.2 & 1.6	current sensor connection
2.2 & 2.6	current sensor screen
1.4 & 1.8	relay COM
2.4 & 2.8	relay NC
1.3 & 1.7	reset
2.7	not connected
2.3	not connected



Warning: Never use these devices in applications where the safety of a person depends on their functionality.