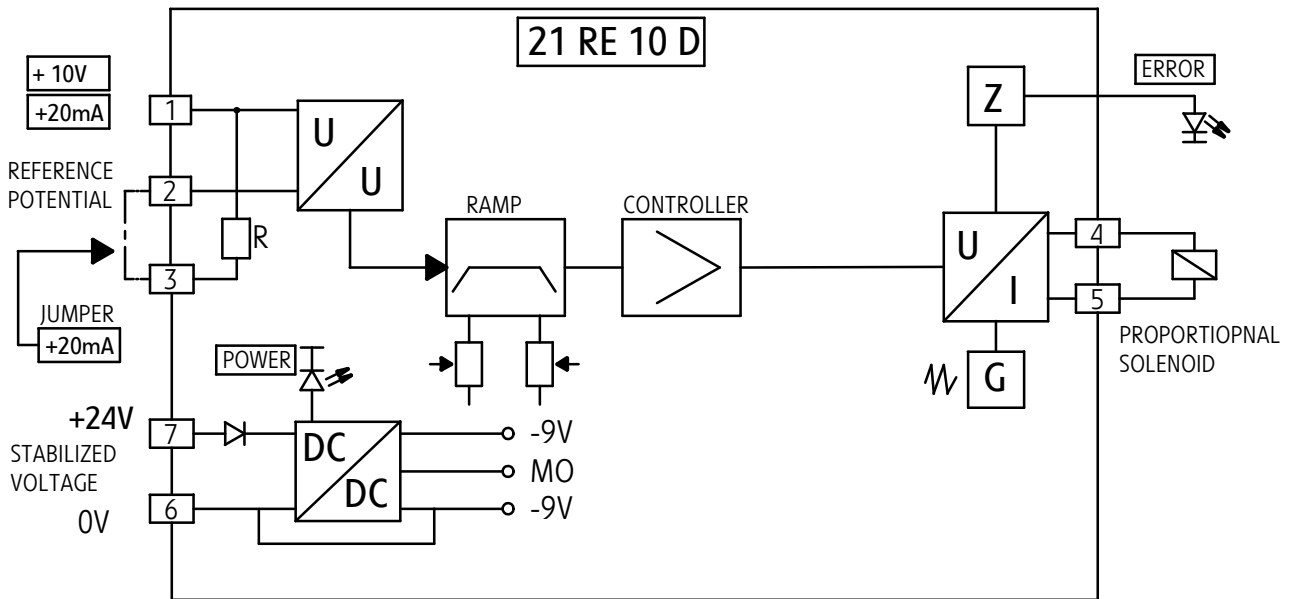


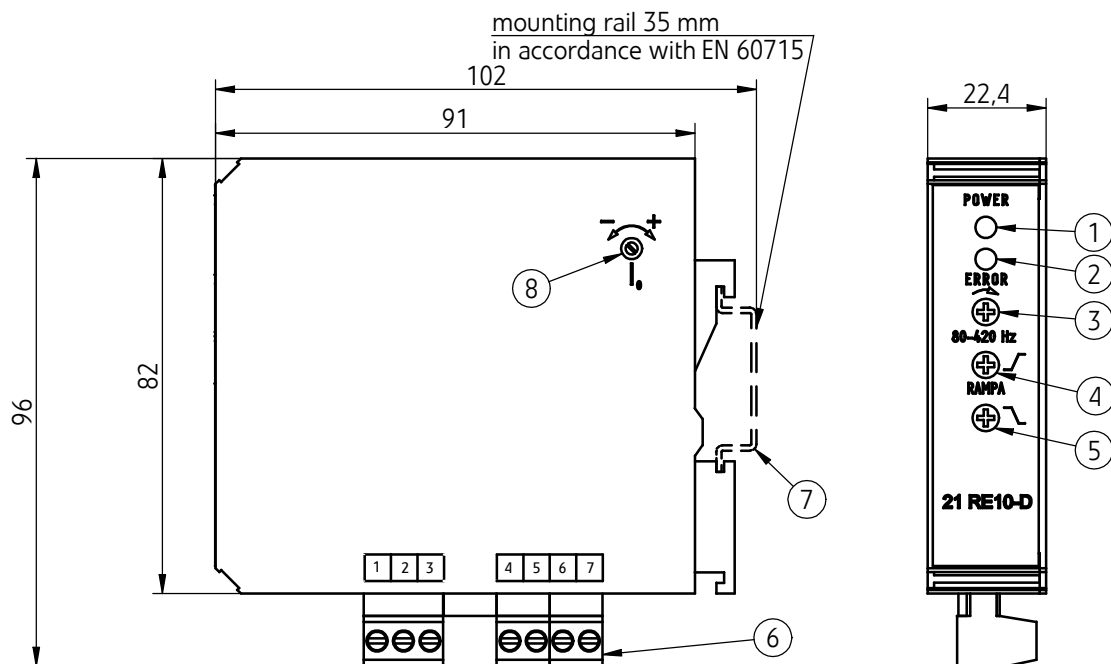
BLOCK DIAGRAM



TECHNICAL DATA

Supply voltage	24 V <u>stabilized</u>
Control voltage or current	0 - 10 V or 0 - 20 mA (terminals 2 and 3 shorted)
Ramp time (rising, falling)	0 - 5 seconds
Minimum output current	160 mA at set value of zero
Maximum output current	1,6 A at set value of maximum
Frequency of bias current	80 - 420 Hz (factory setting 180 Hz)
Housing insulation	IP 20 (PN - EN 60529: 2003)
Permissible operating temperature	0 - 50 [°C]
Mounting method	rail 35x7,5x1 mm (EN 60715)
Dimensions (L x H x W)	102 x 96 x 22,4 [mm]
Weight	0,11 kg

OVERALL DIMENSIONS



1	Green LED power supply (POWER)
2	Red LED failure (ERROR)
3	Potentiometer for regulation of frequency of bias current
4	Regulation of current rising
5	Regulation of current falling
6	Connection terminals (see table below)
7	Mounting rail 35 mm in accordance with EN 65715
8	Regulation of minimum current (I₀)

CONNECTION OF TERMINALS

TERMINAL	DESCRIPTION
1	Control voltage +10 V or current +20 mA
2	Reference potential
3	Jumper with terminal 2 when controlled by current
4	Proportional solenoid
5	
6	Supply voltage 0 V stabilized
7	Supply voltage +24 V stabilized

HOW TO ORDER

The amplifier should be ordered according to the below coding.

21RE10D	★
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Further requirements in clear text (to be agreed with the manufacturer e. g. adapted for low temperature)

ASSEMBLY AND APPLICATION REQUIREMENTS

Wiring and regulation may be done when disconnected from the power supply.
Distance from radio devices should be greater than 1m.
Control signal cable should be shielded.
Cables of solenoid to mustn't be laid down together with signal cables.
Current amplifier type **21RE10D** must be wired to proportional solenoid and control terminals in accordance with block diagram.

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