

Four-channel Power Supply**Product features**

- 4 × 22 VDC, 25 mA stabilized outputs
- Outputs are galvanic isolated from each other
- Overcurrent-protection with limiter characteristics
- 190-250 VAC / 90-250 VDC power supply
- TS-35 rail mounting
- 12.5 mm width only



The **DT2014 Four-channel Power Supply** is designed primarily to supply power for two-wire 4-20 mA transmitters. The unit provide four galvanically isolated 22 VDC, 25 mA stabilized outputs. The outputs are overcurrent-protected with limiter characteristics.

A green indicator shows the power OK status for each output.

The 12.5 mm instrument width assure a high density mounting on the rail.

Safety data:

The outputs and the Mains are galvanic isolated from each other; the isolation is in compliance with the standard EN 61010-1.
 Pollution level: 2
 Overvoltage group: II
 Test voltage between the outputs: 1 kV DC
 Overcurrent protection in installation: 4 A

Output parameters:

Number of outputs (channels): 4
 Output voltage: 22 VDC @ 4 × 25 mA
 22.5 VDC @ 4 × 20 mA
 ~25 VDC @ unloaded
 Output current: 25 mA (nominal)
 Output resistance: 10 ohm @ 2-25 mA
 Output noise voltage: 50 mV p-p (20 MHz bandwidth)
 Overcurrent protection: 28-32 mA, limiter characteristic
 Overload time without damage: 48 hours (all of the outputs are shorted)
 Power supply regulation: 2% (in the whole supply voltage range)

Indicators:

Indicators: 4 green LED for indicating the output states

Power supply:

Power supply: 190-250 VAC / 90-250 VDC
 Power consumption: 4.2 VA @ full load
 1.2 VA @ no load

Ambient conditions:

Operating temperature range: 0-50 °C
 Relative air humidity: 90% (max., non condensing)
 Place of installation: cabinet
 Installation: vertical (mounting of horizontal rail)

Electromagnetic compatibility (EMC):

Accordance with the standard EN 61326

Immunity: industrial area
 Noise emission: Group 1, Class B

General data:

Housing: TS-35 rail-mounting housing, material: polyamide PA6.6
 Connection: screw-fixed type connection
 Connecting cable: 0.25-2.5 mm² (max.)
 Dimensions: 12.5 × 105 × 114 mm (width × height × depth)
 Weight: 0.11 kg
 Protection: IP 20

Detailed information see in operating instructions. The Manufacturer maintains the right to change the technical data!