BUS-COMMUNICATION, SERIES PE900

pe900-575-C1100 D/A Interface

To connect power supplies, controlled by analog signals into the pe900 system or to connect external set points into the pe900 system. The module converts analog voltage values (set points / actual values) to the internal bus system of the pe900 system.

Type: Digital / analog interface
Addressing: 0 – 79 via decimal coding switch for internal bus system
Interface: Internal bus system on cross connector from device to device (C-bus) (at the last module is a bus terminator for the internal bus system required)
In / Outputs: 2 x analog output 0–10V (Iset / Uset) 1 x analog input 0–1V (Iact) 1 x analog input 0–100V (Uact) 1 x digital input (operation indication from power supply ON) 2 x relay output (power supply On / Off / optional) (relay output max. 48V/500mA DC or. 24V/1A)
Accuracy: 0,5%
Supply voltage: 24V DC +/- 10 %
Current input: 50mA
Ambient temperature: 0°C – max. 40°C
LEDs: 1 LED to display “data send” at the internal bus 1 LED to display “data receive” at the internal bus 1 LED to display errors 1 LED to display relay status (power supply on)
Installation: Norm mounting rail EN60715
Installation position: Vertical (see picture)
Protection grade: IP20
Casing: Plastic
Cooling: Convection
Dimensions (W x H x D): 18 x 100 x 115mm
Weight: 112g

Example: wiring pe900-575 to an analog POWER STATION with service terminal X5