

NEW!

11/05

Steuerleitungen • LSC-Verdrahtungssystem • Entstörtechnik • Interfacetechnik • Spannungsversorgungen • Steuerungen • Feldbustechnik



10 V DC Constant-Voltage Source

24 V DC / 10 V DC / 60 mA

Article number: 762084

A constant voltage signal is often required in industrial process sequences in order to be able to provide specified values via a voltage divider. Constant-voltage sources are very often used in digital technology, especially with analogue displacement sensors (linear potentiometers). The reason for this is their highly cost-effective measurement of absolute positions, paths, angles and layer thicknesses. Besides the linear potentiometers, the only requirements are a constant-voltage source and an analogue input on the control or position indicator.

Constant-voltage source 762084 can be used directly in these applications and offers the following facilities:

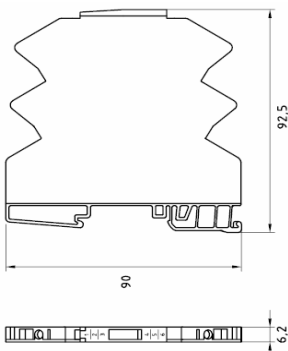
- **Broad range of input voltages from DC 16.8 V to DC 30 V**
- **60 mA output current**
- **Adjustable output voltage**
- **1 % control accuracy**
- **Short circuit-proof output**
- **Status indication**
- **Spring terminal technology**
- **6.2 mm overall component width**

Interface technology • Microcompact signal converter

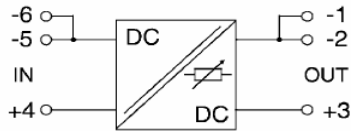
DC/DC converter, 1-channel

Input : DC 24 V

Output : DC 10 V



Pin assignment:



Description	Article number	Microcompact type	PU
DC 24/10 V	762084	CV 7-2084 DC 24/10 V	1

Input side

Rated operating voltage	DC 24 V
Input voltage range	DC 16.8 V - DC 30 V
Rated operating power	1 W
Mains buffering	< 10 ms
Rated operating current	30 mA
Overvoltage protection	Yes
Recommended back-up fuse	1 A
Max. switch-on current	DC 2.5 A

Output side

Rated output voltage	DC 10 V
Setting range	DC 9 V - 11 V
Rated output current	DC 60 mA
Current limit	DC 60 mA
Residual ripple	< 10 mV _{SS}
Control accuracy	1 %
Insulation voltage	50 V
Efficiency	85 %
Fusing	No
Short-circuit-proof	Yes
Parallel operation	No
Status indication	Yellow LED

General Data

Housing material	
Mount	Can be snapped onto TS 35 (EN50022)
IP rating	IP 20
Installation position	Any
Connection method	Screw terminal: 0.14 mm ² - 1.5 mm ² ; spring method: 0.14 mm ² - 1.5 mm ²
Operating temperature range	-25 °C to +60 °C
Storage temperature range	-40 °C to +85 °C
Dimensions	6.2 x 90 x 92.5 mm
Weight	0.035 kg
Approvals	

Accessories	Article number	Type	PU
Bridging link, 16-pin; 16 A	red	BK 7-802	5
	white	BK 7-803	5
	blue	BK 7-804	5
Text label 4.23 x 11 mm (sheet with 1056 labels)	681034	LEB 0411 PB	1