

# Technical data sheet - Power supply

DC/DC converter



<b>Identification</b>	Type	CV 7-2084 DC24V/10V
	Part-No.	762084
<b>Description</b>	DC/DC converter, 1-channel Input: DC 24 V Output: DC 10 V	

31.01.2020 – Subject to technical modification

Part-No. 762084

USA: LUTZE INC.

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## Input

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Rated voltage $U_N$	DC 24 V
Operation voltage range	DC 16.8–30 V
Rated current $I_N$	14 mA

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## Output

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Rated voltage $U_N$	DC 10 V
Rated current $I_N$	0.1 A
Short-circuit current	<900 mA
Setting range $U_{out\ min.}/U_{out\ max.}$	$\pm 1.0$ V via potentiometer
Load regulation	<1 %
Rise time	<10 ms
Ripple and Noise	<10 mV $_{eff}$
Parallel / redundant mode	No
Short circuit	Current limit

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## General

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Insulation voltage input / output	0.5 kV $_{eff}$
Rated insulation voltage (EN 50178)	50 V
Operation temperature range	-25 °C ... +60 °C
Storage temperature range	-40 °C ... +85 °C
Cooling	Air convection
Housing material	PA
Mounting	DIN rail mountable TS35 (EN 60715)
Installation position	any
Protection class	IP20 (IEC 529 / EN 60529)
Over voltage category	I
Degree of pollution	2
Weight	0.040 kg/piece
Connection type	Spring terminal 0.14 mm <sup>2</sup> – 1.5 mm <sup>2</sup>
Dimensions (w x h x d)	6.2 x 90.0 x 92.5 mm
PU	1 piece

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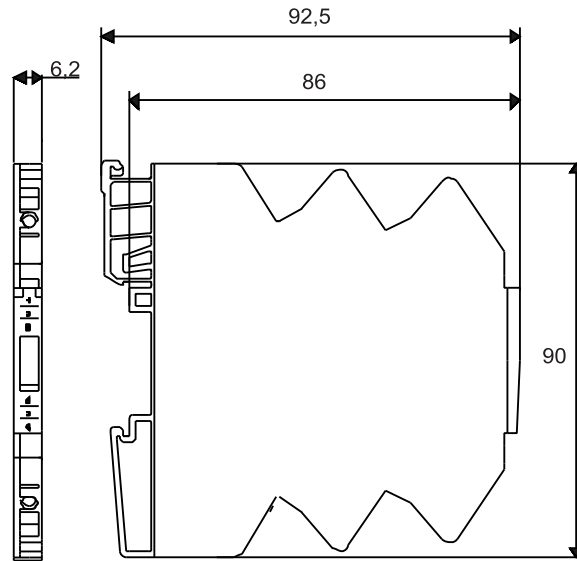
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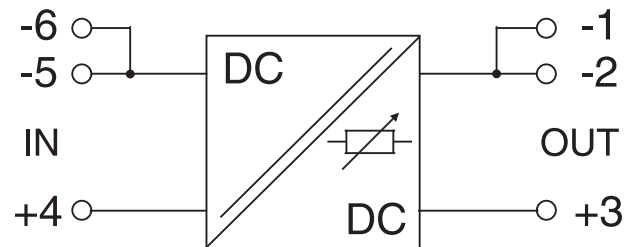
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## Dimensions



## PIN assignment



## Accessories

**Jumper comb 6 A, red:** 2-pin: Part-No. 762802 | 3-pin: Part-No. 762805 | 4-pin: Part-No. 762812 | 8-pin: Part-No. 762822 | 16-pin: Part-No. 762832 | PU: 10 units  
**Jumper comb 6 A, white:** 2-pin: Part-No. 762803 | 3-pin: Part-No. 762806 | 4-pin: Part-No. 762813 | 8-pin: Part-No. 762823 | 16-pin: Part-No. 762833 | PU: 10 units  
**Jumper comb 6 A, blue:** 2-pin: Part-No. 762804 | 3-pin: Part-No. 762807 | 4-pin: Part-No. 762814 | 8-pin: Part-No. 762824 | 16-pin: Part-No. 762834 | PU: 10 units  
**Labelling sign 4x11 mm, white:** Part-No. 681313 | BZT-0411 | PU: 100 units  
**Insulation plate, black RAL 9005:** Part-No. 760809 | TP 7-0809 MIC/SNR | PU: 10 units  
**Laser label A4 not punched, black RAL 9005:** Part-No. 681031 | LEB A4 PW | PU: 10 units

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