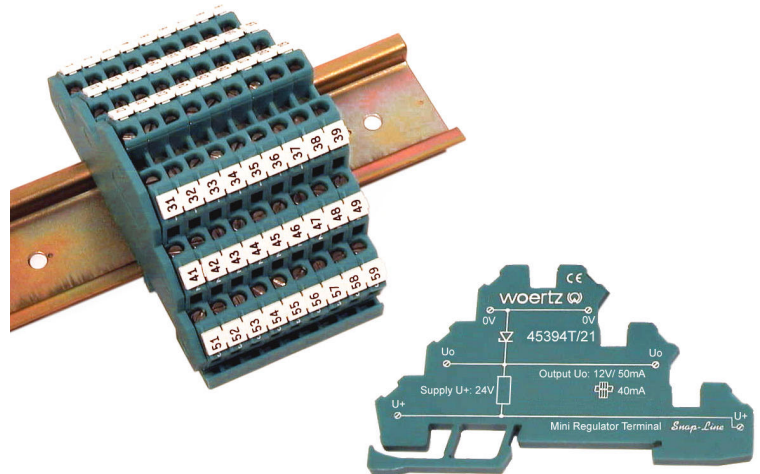


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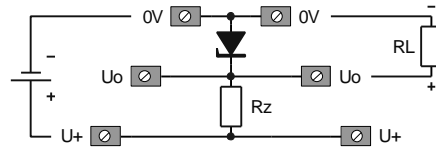


## Features

- Low power shunt regulator in 5.08mm Snap-Line housing
- Short circuit proof for 10s
- Up to three terminals can be connected in parallel to increase output current
- Available for the most common industrial voltages. Other voltages on request

## Accessories

- 30407T End barrier
- 30403 Compatible 3-level terminal
- 30413RO Cross connection 20-pole red
- 30413BL Cross connection 20-pole blue
- 30790 Cross connection 10-pole grey
- 30409/x Cross connection with screws  
x = 2, 3, 4, 5, 10 poles
- 30411, 12 Isolation strip red, blue
- 80247, 48 Test plug red, black
- 30455/55xx Labels for custom use RB5x5



## Technical data (Ta = 25°C)

### Regulator part

Maximum input voltage  
 Output voltage tolerance  
 Maximum output current at rated input voltage  $U_N$

$U_N + 10\%$   
 $\pm 5\%$   
 see table below

### General data

Maximum current (0V/0V or U+/U+)  
 Temperature range  
 Nominal cross section of connecting terminals  
 Maximum torque  
 Size L x W x H (from rail)

10A  
 $-55^\circ\text{C}$  to  $+45^\circ\text{C}$   
 $2.5\text{mm}^2$  (AWG24-14)  
 0.4Nm  
 5.08 x 86.5 x 44mm

## Order numbers

$U_N$ : 12 VDC	$U_O$ : 5.1 VDC/ 80mA	( $R_z = 82\Omega$ , $R_{L\text{-min}} = 65\Omega$ )	<b>45394T/17</b>
$U_N$ : 24 VDC	$U_O$ : 5.1 VDC/ 35mA	( $R_z = 470\Omega$ , $R_{L\text{-min}} = 145\Omega$ )	<b>45394T/27</b>
$U_N$ : 24 VDC	$U_O$ : 12.0 VDC/ 40mA	( $R_z = 270\Omega$ , $R_{L\text{-min}} = 300\Omega$ )	<b>45394T/21</b>
$U_N$ : 48 VDC	$U_O$ : 5.1 VDC/ 15mA	( $R_z = 2.2\text{k}\Omega$ , $R_{L\text{-min}} = 330\Omega$ )	<b>45394T/37</b>
$U_N$ : 48 VDC	$U_O$ : 12.0 VDC/ 20mA	( $R_z = 1.5\text{k}\Omega$ , $R_{L\text{-min}} = 600\Omega$ )	<b>45394T/31</b>
$U_N$ : 48 VDC	$U_O$ : 24.0 VDC/ 20mA	( $R_z = 1.0\text{k}\Omega$ , $R_{L\text{-min}} = 1.2\text{k}\Omega$ )	<b>45394T/32</b>