

# DC-DC 24/43/600

## DATA SHEET

### Description

This powerful voltage step-up converter can be applied for HEINZMANN speed control with high-performance actuators StG 64, StG 90 or StG 180.

These actuators require increased supply voltage of 43 VDC to be driven and to develop their total performance level.

The converter allows application of these actuators in cases when nominal voltage supply of the control system is insufficient.



### Features

Step-up DC/DC converter  
24 to 43 VDC

For electric actuators  
StG 64, StG 90 or StG 180  
requiring enhanced voltage

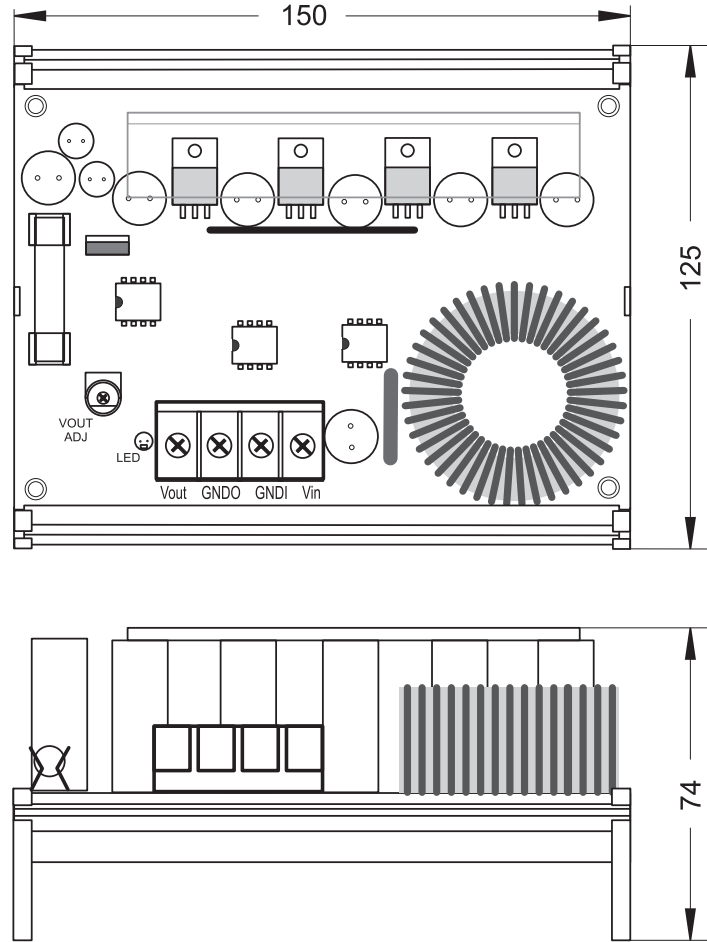
### Application range

- Speed control systems with high-performance actuators  
StG 64, StG 90 or StG 180

### Technical data

Input voltage	20 ... 30 VDC
Standby current (no load)	0.125 A at 24 VDC input
Input current (limited internally)	max. 29 A
Input fuse (required externally)	50 A
Output voltage	nom. 43 VDC
Output power	nom. 600 W
Output current	12.5 A
Output fuse	15 A
Output ripple	max. 0.25 V, RMS
Switching frequency	54 kHz
Operating temperature range	-10 ... +60 °C
Part number	600-80-028-00

# Dimensions



# Wiring

