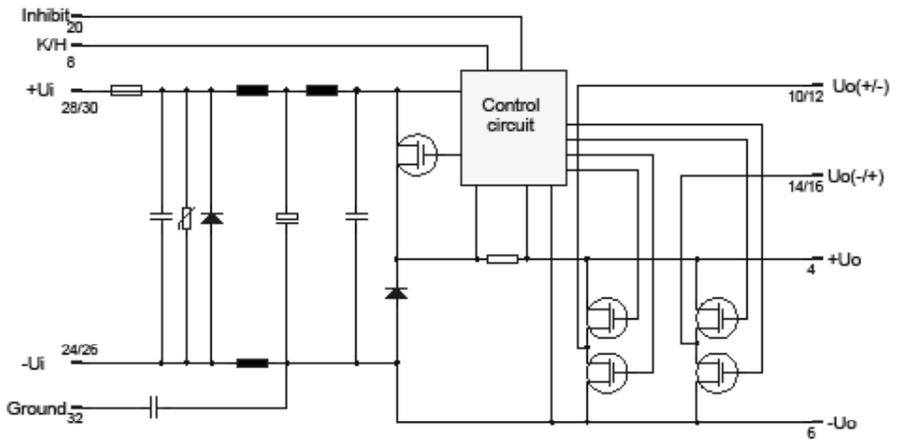


The **LSR.P** series is designed especially for the use as a Peltier-element supply for the heating and cooling of electronic equipment in mobile applications. The converter's output includes an active full-bridge, which is changeable in its polarity with a simple logic signal (K/H) and on/off-controllable with the inhibit signal (on/off).

The „output current“ is the regulated value (impressed) and the output voltage is limited to U_K by no-load. It is the users possibility to supply sensitive electronic equipment e.g. LC-Displays in the recommended temperature window with a simple control circuit. The LSR.P series works with an extreme wide input voltage range, which allows the use in all usual on-board networks in the field of railway applications. Furthermore as a constant current supply with voltage limitation this converter is capable to charge batteries (e.g. Lead-batteries).

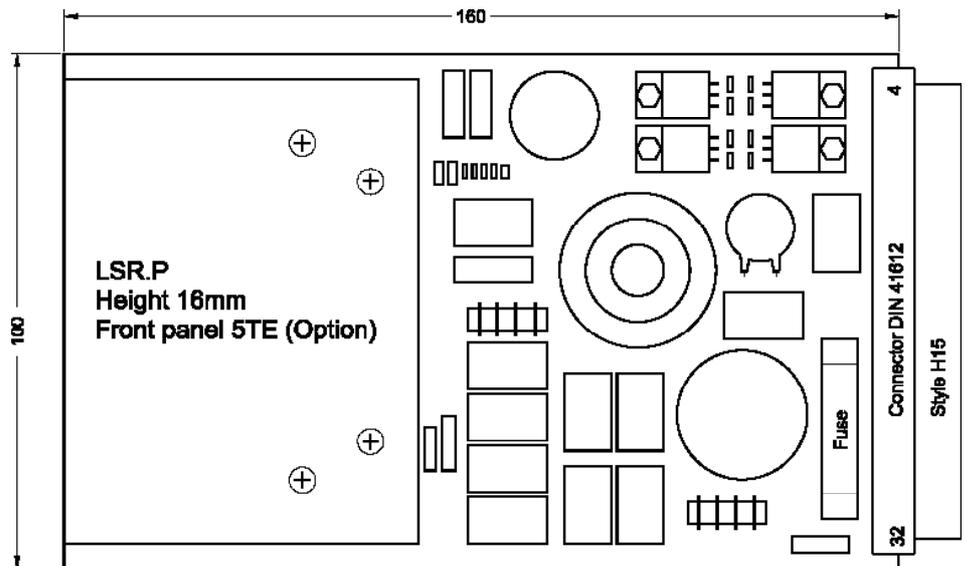


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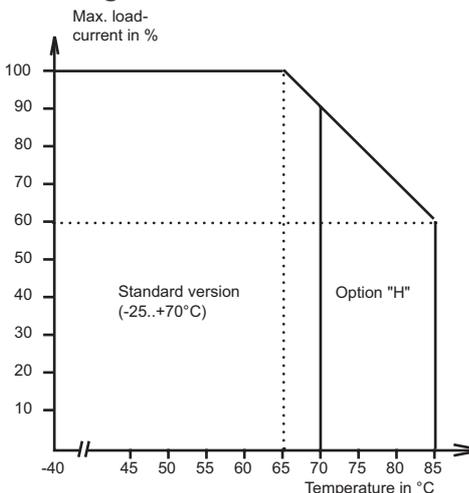
Based on the shock and vibration capable build-up (as euro-card for 19"-racks), this converter is ideal for the use in mobile applications as well as for higher industrial stationary requirements.

Pin-assignment:

	LSR.P
4	+Uo
6	-Uo
8	K/H
10	Uo(+/-)
12	Uo(+/-)
14	Uo(-/+)
16	Uo(-/+)
20	Inhibit
24	-Ui
26	-Ui
28	+Ui
30	+Ui
32	Ground



Derating curve



Measurement of radio interference

LSR.P 03.15.050
without external noise suppression

