

Brake chopper

mcER-L60-30

Article number: 1511525



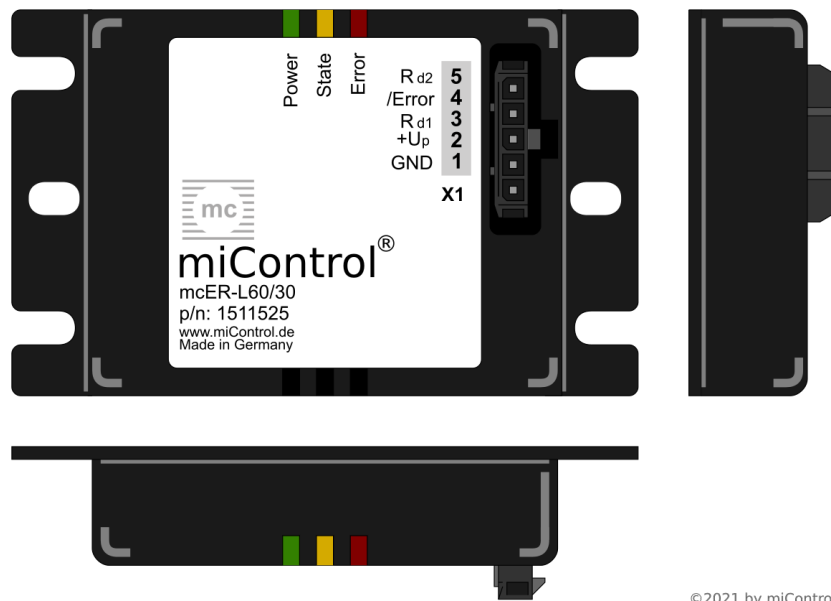
Picture similar

Technical data

| Absolute maximum rating | |
|--|-------------------------|
| Voltage (destruction limit) no polarity reversal protection | 100 V |
| Power | |
| Electronic supply voltage U_p | 18..30 V |
| Electronic current consumption | typ. 10 mA |
| Max. braking peak current @ $U_{br}=60V$ | 60 A |
| Max. braking continuous current @ $T_a=40^\circ C$ | 5 A |
| Braking resistor | |
| Braking voltage U_{Br} | 30 V |
| Braking resistor @ $U_{Br}=30V$ | min. 0.5 Ohm (external) |
| Maximum duty cycle | 100 % |
| Integrated electrolytic capacitors | 100 μF |
| Mechanical | |
| Size LxWxH | 74 x 45.5 x 14 mm |
| Weight | 30 g |
| Environment | |
| Protection class | IP20 |
| Ambient temperature (operation) | -40..70 °C |
| Ambient temperature (storage) | -40..85 °C |
| Rel. humidity (non-condensing) | 5..90 % |
| Error recognition | |
| Short circuit braking resistor | yes |
| Braking resistor is missing / defective | yes |
| Overtemperature electronic | yes |
| Overtemperature braking resistor | no |

| Digital output | |
|---------------------------|--------------------|
| Number | 1 (/Error) |
| Continuous output current | typ. 10 mA |
| Load | resistive |
| Output voltage | Up (24V max.) |
| Signal type | positive switching |

Scheme



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Terminal assignment

| X1 | Supply | |
|----|--------|---------------------------------|
| 1 | GND | Ground for power supply voltage |
| 2 | +Up | Power supply voltage |
| 3 | Rd1 | Braking resistor |
| 4 | /Error | Error output |
| 5 | Rd2 | Braking resistor |