

Power Cut-Off LGS1-24VDC

General

The power cut-off LGS1-24VDC is used to switch off a direct current motor when exceeding a predefined power limit and to switch a fault message over a potential-free contact.

Further advantages: Single pole reversion, soft start and short stop times.

The motor remains switched off and the fault message remains active until the supply voltage has been interrupted for approx. 1s or will be reversed.

The power limit for the motor can be set at the potentiometer (I) in the range of 0 to 2A. The "I" potentiometer on the PC board must be set in the factory to the motor type and should only be changed upon approval.

With the "U" potentiometer, the motor voltage and hence the speed of the motor or resp. of the drive can be changed.

The "U" potentiometer on the PC board must be set in the factory and should only be changed upon approval.

The power cut-off is designed for a direct voltage of 24V DC.

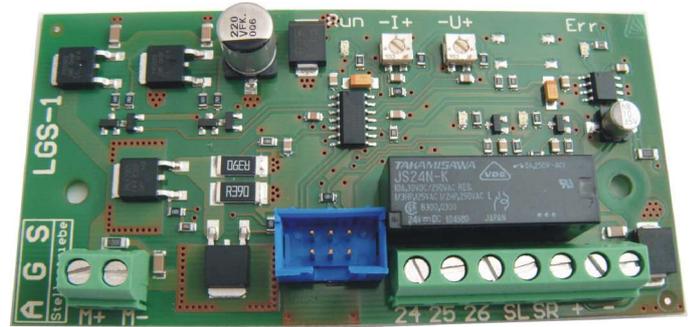
Fault Relay

During normal operation, the fault relay is interconnected at terminals 25-26.

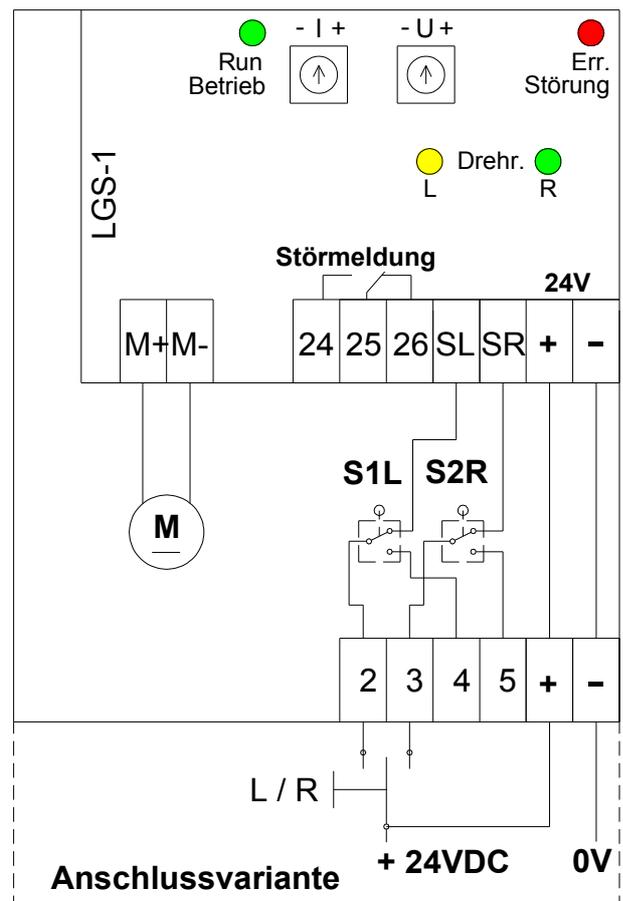
LED flashes green.

In case of a fault, the fault relay closes and terminals 24-25 are interconnected.

LED flashes red.



Circuit Diagram



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