



MDR A2

FLXMOD

DC motor driver module

Description

FLXMOD™ system DC motors driver module. This unit, designed for mounting on a standard DIN rail and housed in a compact plastic case, is able to drive two DC-brush motors; speed and position control are possible whenever the motors are equipped with single or twin Hall sensors. Proprietary FLXIO™ bus ensure reliable real-time communication with the CPU.



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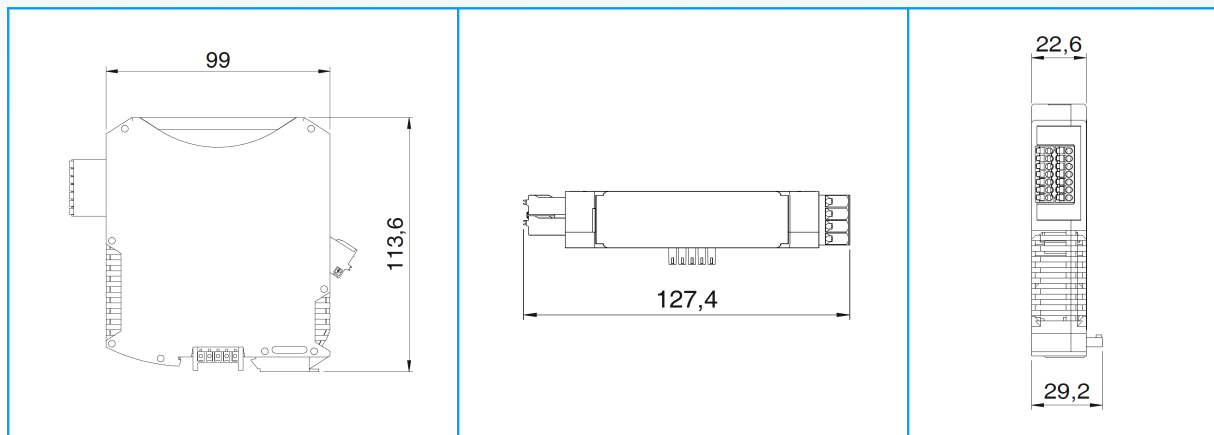
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| Technical data | |
|-------------------------------|--|
| Housing material | Polypropylene |
| Degree of protection | IP20 |
| Motor outputs | 2, for DC brush motors (24V _{DC}) |
| Outputs characteristics | MOSFET H-bridge, PWM controlled |
| Feedback inputs | For single or twin Hall sensor, open-collector type. The inputs are 24V tolerant |
| Feedback sensors power supply | 5V ± 10%, 100mA max. |
| Interface | Proprietary FLXIO™ |
| Bus address setting | By rotary switch |
| Electrical specifications | Power supplies: I/O supply: 24V _{DC} / 8A max. Logic supply: 24V _{DC} and 5V _{DC} from backplane |
| Environmental specifications | Operating temperature: from +5°C to +55°C Storage temperature: from -25°C to +85°C Relative humidity: from 10% to 95% (non-condensing) |

Dimensions



Data here mentioned are subject to changes without any notice.