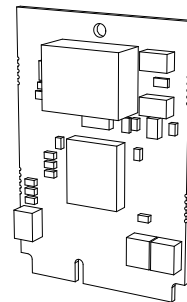


EM-RS485

Communication module

- **Communication module for the RS485 interface**
- **LVC MOS control**
- **Power supply +3.3 V**
- **High inner-impedance protection circuits**



TECHNICAL DATA

Communication	RS485
Surge protector	Transil 600 W
Galvanic isolation	Yes ¹⁾
Terminating resistance	120 Ω on the module ²⁾
Power supply	3.3 V DC ±5 %
Maximum consumption	25 mA
Other	
Control signals	LVC MOS
Connection points	miniPCIe
Ingress protection rate	IP00
Operating temperature range	-20 °C to 70 °C
Maximum ambient humidity	< 95 % non-condensing
Weight	3 g
Module dimensions (w × h × d)	(30 × 44 × 7) mm

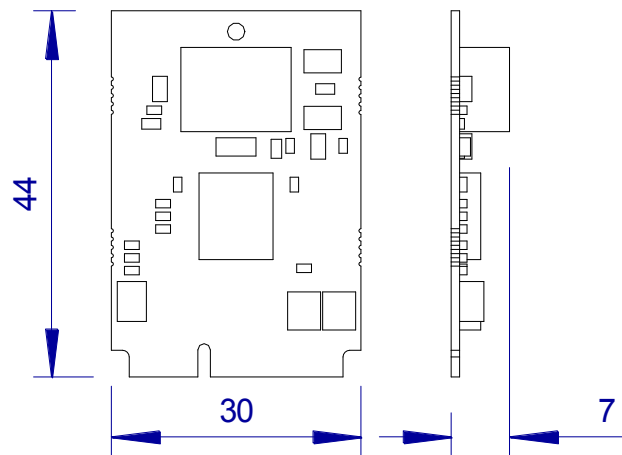
¹⁾ Isolation strength 500 V AC / 1 min., galvanic isolation must not be used for separation of dangerous voltages.

²⁾ The termination is activated with an external jumper/switch.

ORDERING INFORMATION

EM-RS485	Communication module for the RS485 interface, standoff spacer
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MECHANICAL DIMENSIONS



The **EM-RS485** module is to be connected exclusively to compatible products manufactured by the AMiT company. Connecting it to a different device utilising the miniPCIe slot may result in damage both to the device and to the connected **EM-RS485** module. The manufacturer not bear any responsibility for damage caused this way. Failure to observe this also voids the warranty. Communication module installation instructions can be found in the operation manual of the respective compatible device.