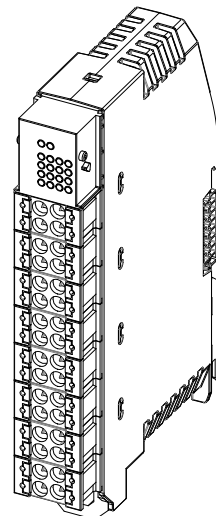


AD4-DO16

16 digital outputs 24 V DC / 0.3 A

- 16× galvanically isolated transistor output, 24 V DC/ 0.3 A
- Common 24 V DC terminal for all signals on the module, load is connected against ground
- Output status indication LED
- Short circuit protection, thermal protection
- Overvoltage protection when switching inductive loads (relays)
- System bus for connection to AD4-CPS with TBUS connectors
- Maximum number of 64 modules in an assembly
- Mounted on a 35 mm DIN rail



TECHNICAL DATA

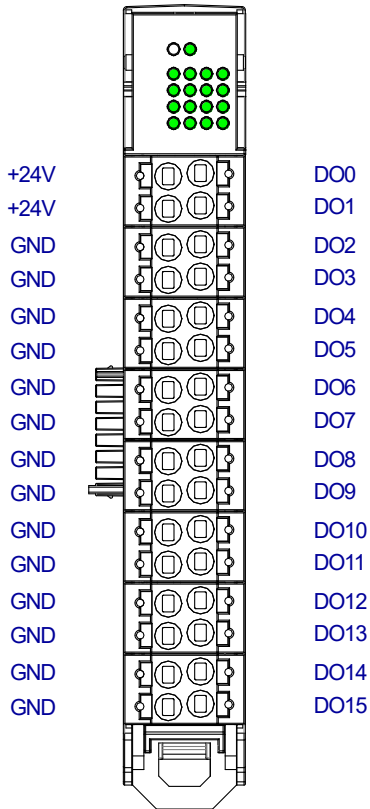
Outputs	16
Common conductor	GND
Switching element	MOS
Galvanic isolation	Yes
GI strength	500 V AC / 1 minute *)
Switched voltage	24 V DC ±20 %
Switched current	300 mA
Maximum current of the current protection	0.7 A to 1.9 A DC
Short-circuit protection	Yes
Inductive load treatment	Yes
Power supply	
Maximum module power consumption	0.34 W
Other	
Connection to the system bus	TBUS connectors
Maximum number of modules in an assembly	64
Signals connection	Phoenix Contact, HSCP-SP series Push-in spring clamps
Ingress protection rate	IP20
Operating temperature range	-40 °C to 70 °C
Maximum ambient humidity	< 95 % non-condensing
Mounting	On a 35 mm DIN rail
Weight	0.1 kg
Dimensions	(124.3 × 18.7 × 76.5) mm

*) Galvanic isolation must not be used for separation of safe and dangerous parts.

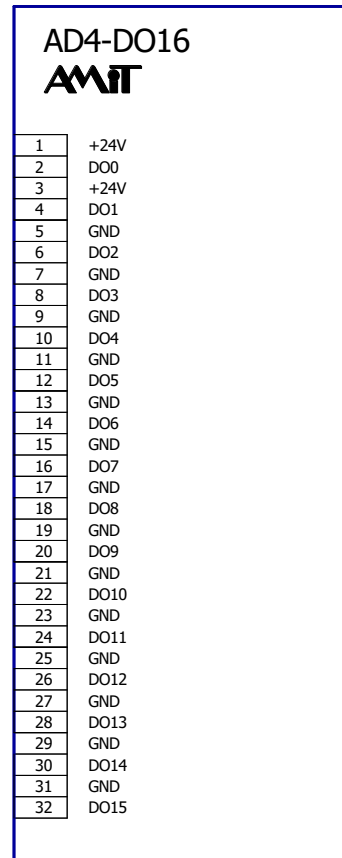
ORDERING INFORMATION

AD4-DO16	Module 16 digital outputs, connectors Phoenix Contact, HSCP-SP
TBUS8-18,8-7P1S	System bus connector (not included in the module delivery)

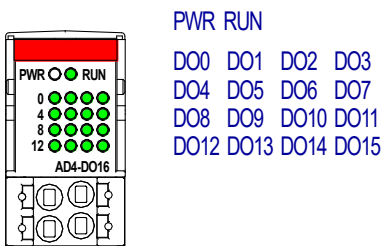
CONNECTOR LAYOUT



RECOMMENDED DRAWING SYMBOL



LED PLACEMENT



MECHANICAL DIMENSIONS

