

Digital output modules

8 outputs

S20-DO-8/2-2A



Digital output modules

8 outputs ■ **S20-DO-8/2-2A**

- 8 digital outputs
- 24 V DC, 2A
- Connection of actuators in 2-wire connection technology
- Short-circuit-proof outputs
- Electronic device nameplate
- Diagnostic and status indicators

Documentation

- Data sheet
- Application description

These modules are designed for use within an IndraControl S20 station. The digital output modules are used to output 24 V DC signals. Actuators can be connected in 2-wire technology.

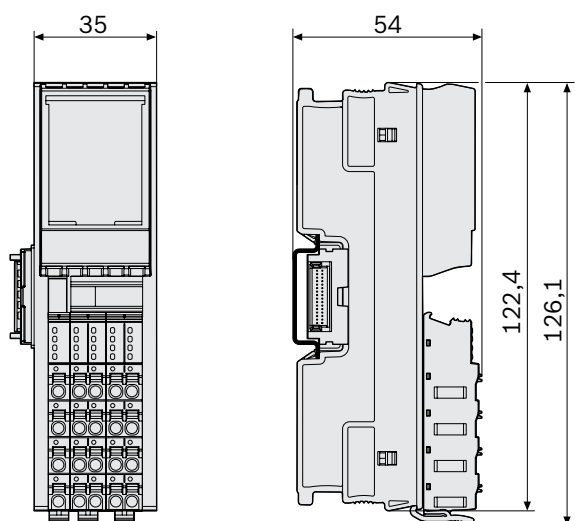
Technical data

| S20-DO-8/2-A | |
|---|---|
| Local bus interface | |
| Designation | S20 local bus |
| Connection type | Connection for bus socket module |
| Supply for module electronics | |
| Supply voltage | 24 V DC |
| Supply voltage range | 19.2 ... 30 V DC (including all tolerances, incl. rippling) |
| Logic voltage U_{BUS} | 5 V DC (via bus socket module) |
| Current consumption of U_{BUS} | Max. 150 mA |
| Error message to the higher level systems | Shutdown with auto restart |
| Protective circuit | Overvoltage protection, reverse polarity protection |
| Digital outputs | |
| Connection technology of the actuators | 2-wire connection |
| Number | 8 |
| Connection type | Spring-cage connection with direct plug technology |
| Connection data solid / flexible / AWG | 0,2 ... 1,5 mm ² / 0,2 ... 1,5 mm ² / 24-16 |
| Nominal output voltage U_{Out} | 24 V DC |
| Rated current I_{Nenn} each channel | 2 A |
| Total current of the outputs | Max. 16 A (external fuse) |
| Protection | Short-circuit/overload |
| System times | |
| System bus cycle time | 2 μ s |
| Offset per module | 1 μ s |
| Load | |
| Vibration resistance | 5 g according to EN 60068-2-6 |
| Shock resistance | 25 g according to EN 60068-2-27 |

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| | |
|--|-----------------------------------|
| Shock resistance (continuous shock) according to EN 60068-2-29 | 10 g according to EN 60068-2-29 |
| Emitted interference | Class B according to EN 61000-6-3 |
| Interference immunity | According to EN 61000-4 |
| Environmental conditions | |
| Permissible temperature (operation) | -25 ... +60 °C |
| Permissible humidity (operation) | 5 to 95%, no dewing |
| Permissible humidity (storage) | 5 to 95%, no dewing |
| Protection category | IP20 |

Dimensions

| | | S20-DO-8/2-A | |
|-------------------|------|--------------|--|
| Dimensions | | | |
| Height H | [mm] | 126.1 | |
| Width B | [mm] | 35 | |
| Length T | [mm] | 54 | |

Ordering information

| Type code | Description | Material number: |
|--------------|--|------------------|
| S20-DO-8/2-A | IndraControl S20 digital output module, 8 outputs, complete with accessories (bus base module) | R911172541 |

| Type code | Description | Material number: |
|-----------|------------------------------|------------------|
| S20-BS-S | Bus base module (spare part) | R911173203 |

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It must be remembered that our products are subject to a natural process of wear and aging.