CAN 400

CAN 400-2, with 2 CAN interfaces

- Layer 2, 11 bit and 29 bit (CAN 2.0A/B)
- DIP switches for address + transfer rate
- USB interface for parameterization and diagnostics
- Extensive CAN bus diagnostics possibilities
- Can also be used as CANopen master or CANopen slave
- 2 CAN interfaces

The CAN 400 module, for use in an S7-400* from Siemens, enables connection of CAN participants with the automation device. The module can be plugged into either the central frame or the expansion frame. It supports CAN 2.0A (11 bit) and CAN 2.0B (29 bit) frames with a freely selectable transfer rate from 10 kbps to 1 Mbps. The module contains the scripts for “Power On”, “Stop -> Run”, “Run -> Stop”, “Power Off”. Using a multi-stage acceptance mask, relevant IDs can be pre-filtered for the automation device.

The CAN 400-2 can be operated as Layer 2, CANopen® master or CANopen® slave. With the module, 16 freely settable timers up to a resolution of 1 ms are available. Each timer can trigger a freely programmable CAN telegram. This means the synchronous protocols widely available in drive and servo control are also easy to implement using the CAN 400-2.

Technical specifications

General information	
Order number	700-640-CAN21
Article name	CAN 400-2, with 2 CAN interfaces
Scope of delivery	CAN 400-2
Dimensions (DxWxH)	290 x 210 x 25 mm
Weight	Approx. 900 g
CAN interface	
Number	2
Type	ISO/DIN 11898-2 CAN High-speed physical layer
Transmission rate	10 kbps ... 1 Mbps
Protocol	* CAN 2.0A (11 bit)/CAN 2.0B (29 bit) Layer 2 CANopen® Master/CANopen® slave * SAE J1939
Connection	Connector, SUB-D, 9-pin
Status indicator	6 LEDs
Configuration interface	
Type	USB 1.1
Connection	USB B socket
Voltage supply	+5 V DC via backplane bus

Current draw	600 mA
Ambient conditions	
Ambient temperature	0 °C … +60 °C
Transport and storage temperature	-25 °C … +75 °C
Pollution degree	2
Protection rating	IP20
Certifications	CE