



TYF684E

IP20

Analog device 4 additional outputs KNX

Technical characteristics

Architecture

Bus system	KNX
Fixing mode	REG

Functions

Multi-phase mode	suitable to switch different external conductors
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Configuration

Number of modules	4
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Controls and indicators

Indicator lamp	yes
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Connectivity

Connector AST	with system plug for connection to the analogue actuator system interface
Output signals	according to DIN IEC 381

Main electrical features

Frequency	50/60 Hz
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Voltage

Auxiliary voltage	24 V AC
Input voltage	24 V
Operating voltage over bus	21...32 V DC
Output voltage	0 / 10 V
Voltage, outputs	0 ... 1; 0 ... 10 V

Electric current

Output current	20 mA
Output current per channel	max. 20 mA

Dimensions

Width of rail mounted device (RMD)	4 modules
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Power

Current consumption	170 mA
Total power loss under IN	2.9 W

Resistance

Output load current	500 Ω
Output load voltage	> 1 kΩ

LED control	
LED	with red programming LED
Connection	
Conductor cross-section (flexible), with wire end sleeve	0.14...2.5 mm ²
Conductor cross-section (flexible), without wire end sleeve	0.34...4 mm ²
Conductor cross-section (rigid)	0.5...4 mm ²
Type of connection	with screw terminals
Settings	
Supported configuration modes	system
Scope of delivery	
Bus connection included	Yes
Equipment	
Number of outputs	4
Use	
Forced controls (1-bit objects)	per channel 2
Safety	
Protection index IP	IP20
REACH conform	Yes
RoHS conform	Yes
Use conditions	
Operating temperature	-5...45 °C
Storage/transport temperature	-25...70 °C
Identification	
Main design line	KNX