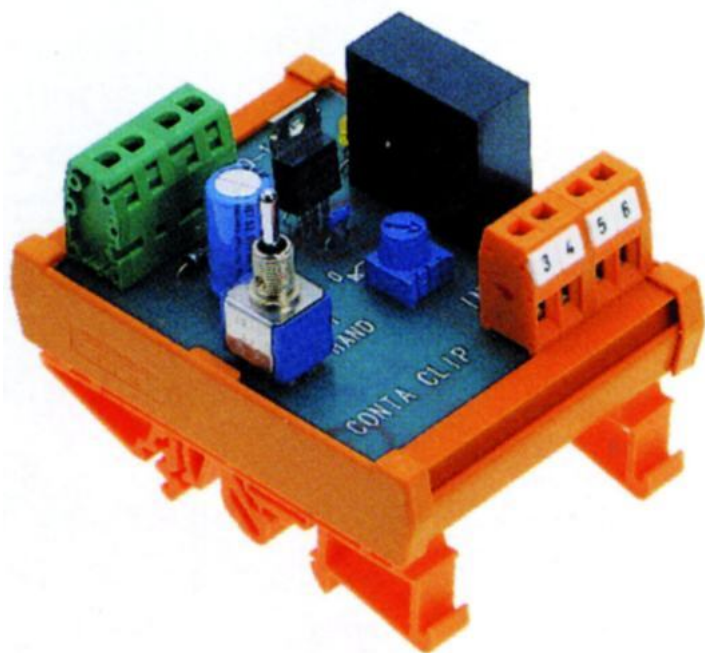


Data sheet

6551.2 AO-1-2S



Analogue output module with manual-off-automatic switching, With feedback loop, Screw connection,
Mounting type: Mounting rail TS 35, 1 channel, Voltage: 10 VDC

Business data

Article number	6551.2
Article name	AO-1-2S
GTIN (EAN)	4044211074678
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	95 g
Weight per piece (including packaging)	153 g
Unit of weight	G
Customs number	85364900
Country of origin	NL
Product description	Analogue output module

Data sheet

6551.2 AO-1-2S

Technical data

Dimensions

Length	61 mm
Width	87 mm
Height TS 35 / 7.5 with BA	68 mm

Ratings

Overvoltage category	III
Contamination degree	2

Connection data

Connection principle	Screw connection
Wire cross-section single core (rigid), min.	0.08 mm ²
Wire cross-section single-core (rigid), max.	4 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	2.5 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Stripping length	7 mm
Torque	0.6 Nm

Input data

Power supply AC/DC	24 V
Number of channels	1
Input signal U/I, max.	0-10 VDC

Output data

Switching voltage, max.	24 VAC/DC
Continuous current max. / Inrush current max.	4 / 4 A
Load resistance U/I	>500 Ohm
Output signal U/I	0 - 10 V ± 5% / input signal
Switching capacity, max.	100 VA
Electrical lifespan (AC1)	2x10 ⁵
Mechanical lifespan	30x10 ⁶

Data sheet

6551.2 AO-1-2S

Technical data

Materials

Contact material	AgNi 90/10
Working temperature, min.	-20 °C
Working temperature, max.	50 °C
Switch contact material	AgAu

Further technical data

Protection class	IP20
Response/release time	20 / 100 ms
Manual/Off/Automatic switching	✓
Feedback loop	✓
Operating voltage indicator LED	✓
Voltage/current switch, max.	24 / 2 V / A
Mechanical service life of switch	>1x10 ⁵ Schaltspiele

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

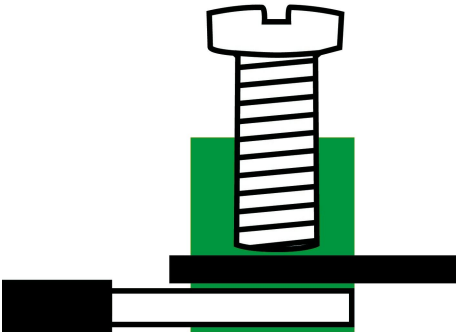
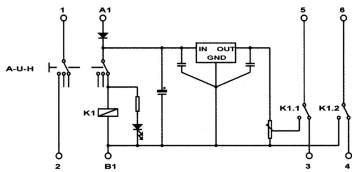
Standards and regulations

CE compliant	yes
Standards / specifications	DIN VDE 0110 / EN 50178

Data sheet

6551.2 AO-1-2S

Media



Accessories
