PLC-SC-S/H - Switch

2980733

https://www.phoenixcontact.com/us/products/2980733

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PLC-RELAY with integrated switch (actuation: Manual) with screw connection, for mounting on DIN rail NS 35/7.5, input voltage ≤ 72 V DC

Your advantages

- Just 6.2 mm wide
- Floating confirmation contact
- Screw- and Push-in connection

Commercial data

Item number	2980733
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	C461
Product key	DK622E
GTIN	4046356051477
Weight per piece (including packing)	34.12 g
Weight per piece (excluding packing)	28.53 g
Customs tariff number	85364190
Country of origin	DE

Technical data

Product properties

Product type	Switch module
Product family	PLC-INTERFACE
Operating mode	100% operating factor

Insulation characteristics

Insulation	Basic insulation
Overvoltage category	III
Pollution degree	2

Data management status

Date of last data management	29.10.2026

Electrical properties

Rated insulation voltage	85 V AC
Rated surge voltage	0.5 kV

Output data

Switching

Maximum switching voltage	72 V DC
Minimum switching voltage	2 V DC
Maximum inrush current	50 mA
Min. switching current	1 mA
Switching cycles, max.	100 (At 72 V DC / 50 mA)
	10000 (at 12 V DC / 100 mA)
Insulation resistance	100 MΩ

Connection data

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross-section rigid	0.14 mm² ... 2.5 mm²
Conductor cross-section flexible	0.14 mm² ... 2.5 mm²
	0.2 mm² ... 2.5 mm² (Single ferrule)
	2x 0.5 mm² ... 1.5 mm² (TWIN ferrule)
Conductor cross-section AWG	26 ... 14
Tightening torque	0.45 Nm ... 0.55 Nm (Usually these terminal blocks must be supported during conductor connection (held by one hand, supported on the housing))

Dimensions

Item dimensions

Width	6.2 mm
Height	80 mm
Depth	90 mm

Material specifications

Flammability rating according to UL 94 (Housing)	V0 (Housing)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

Approvals

Corrosive gas test

Identification	ISA-S71.04. G3 Harsh Group
	EN 60068-2-60

Standards and regulations

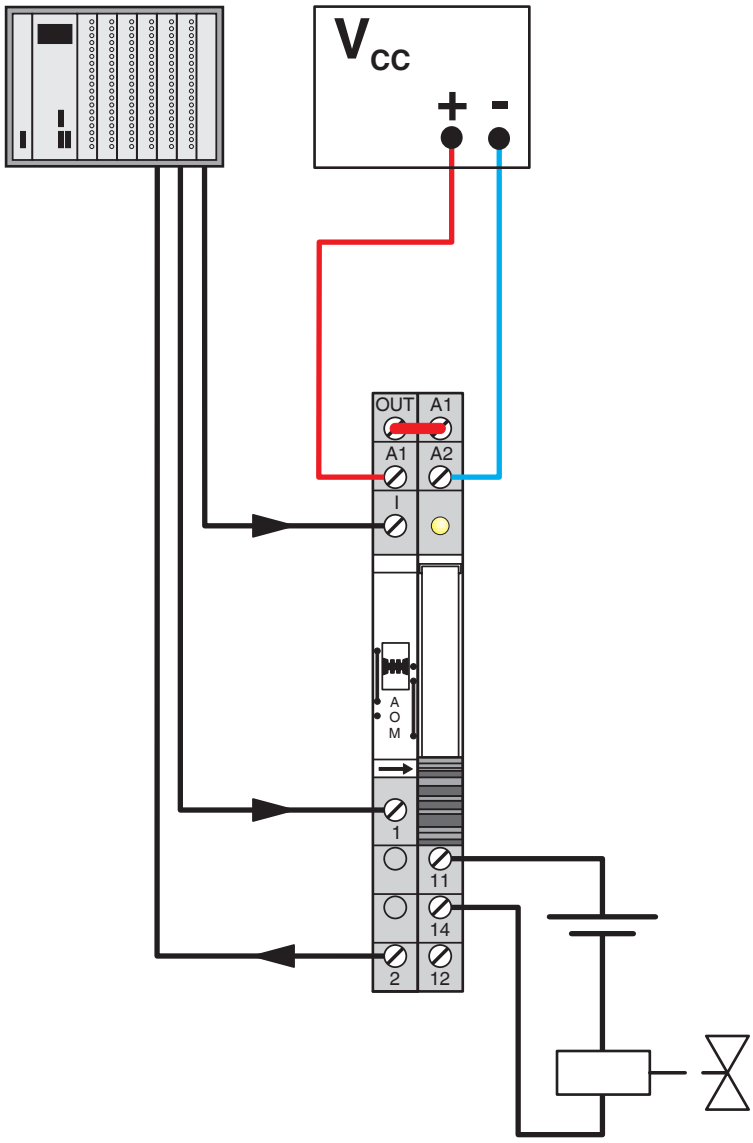
Standards/regulations	IEC 60664
	EN 50178

Mounting

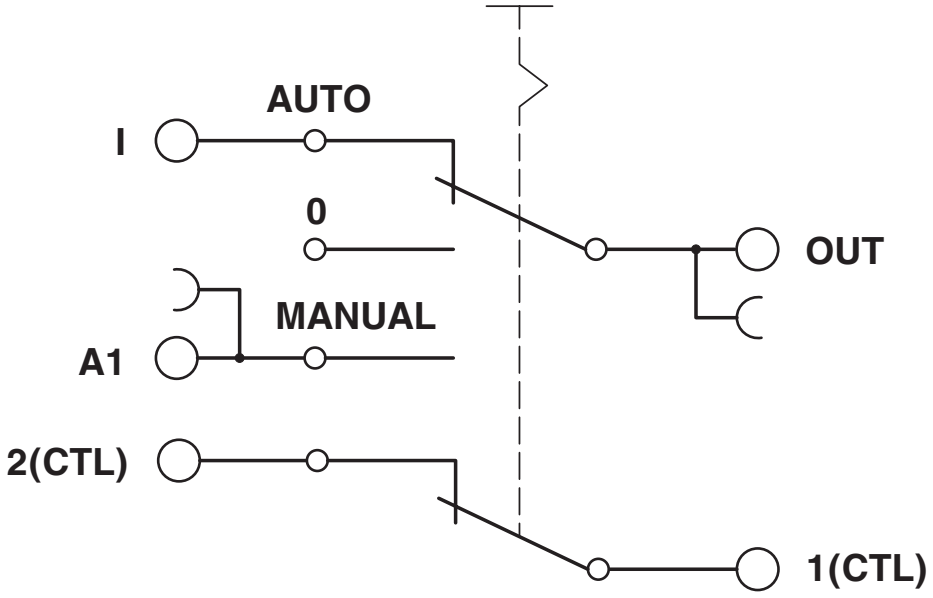
Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
Mounting position	any

Drawings

Application drawing



Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2980733

cUL Recognized
Approval ID: E238705

UL Recognized
Approval ID: E238705

cULus Listed
Approval ID: E140324

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Classifications

ECLASS

ECLASS-13.0	27371692
ECLASS-15.0	27371692

ETIM

ETIM 10.0	EC002586

UNSPSC

UNSPSC 21.0	39122300

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	2.301 kg CO2e

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