PLC-SC-S/H - Switch

2980733

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

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

Commercial data

Item number	2980733
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	CK6
Product key	CK621H
Catalog page	Page 407 (C-5-2019)
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

Insulation characteristics

Insulation	Basic insulation
Overvoltage category	III
Pollution degree	2

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

Width	6.2 mm
Height	80 mm

Depth	90 mm

Material specifications

Flammability rating according to UL 94	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 instructions	in rows with zero spacing
Mounting position	any

Drawings

Application drawing
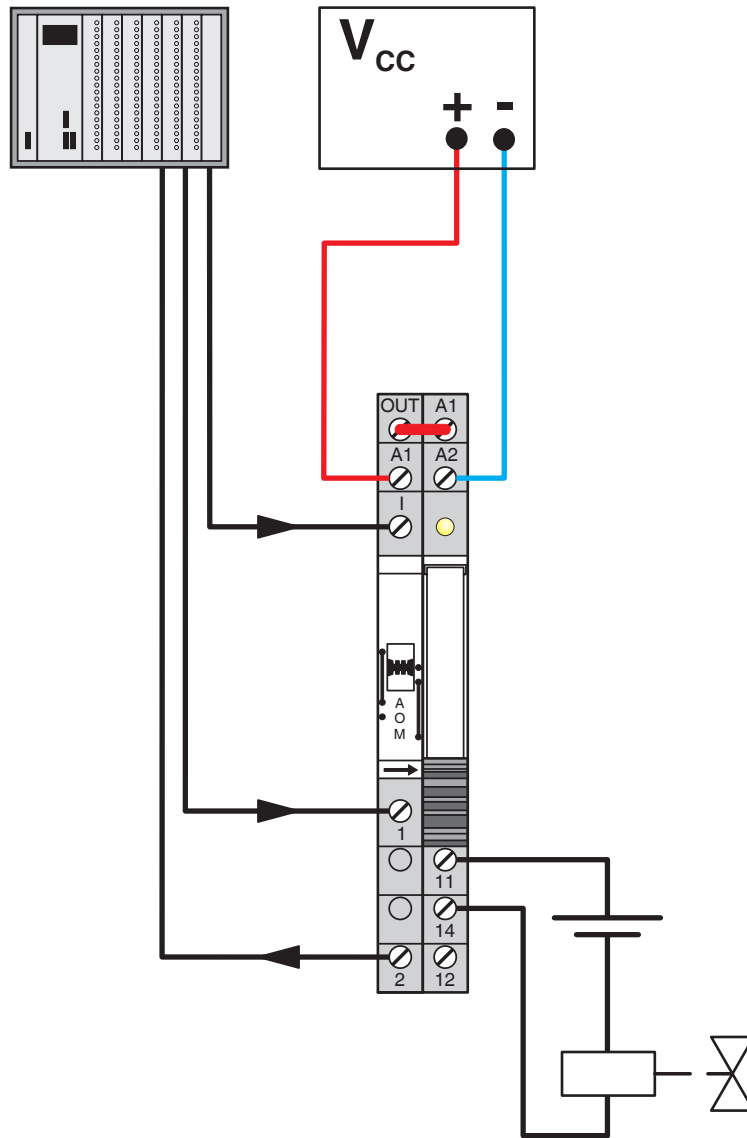
Application drawing

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Circuit diagram
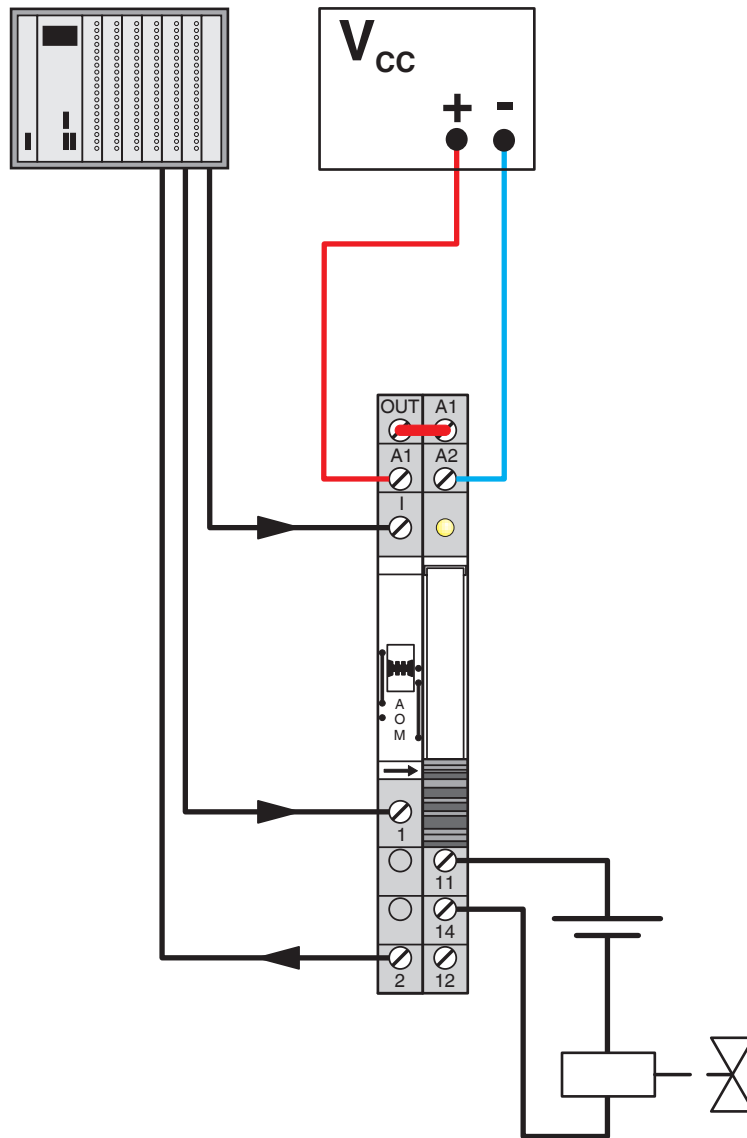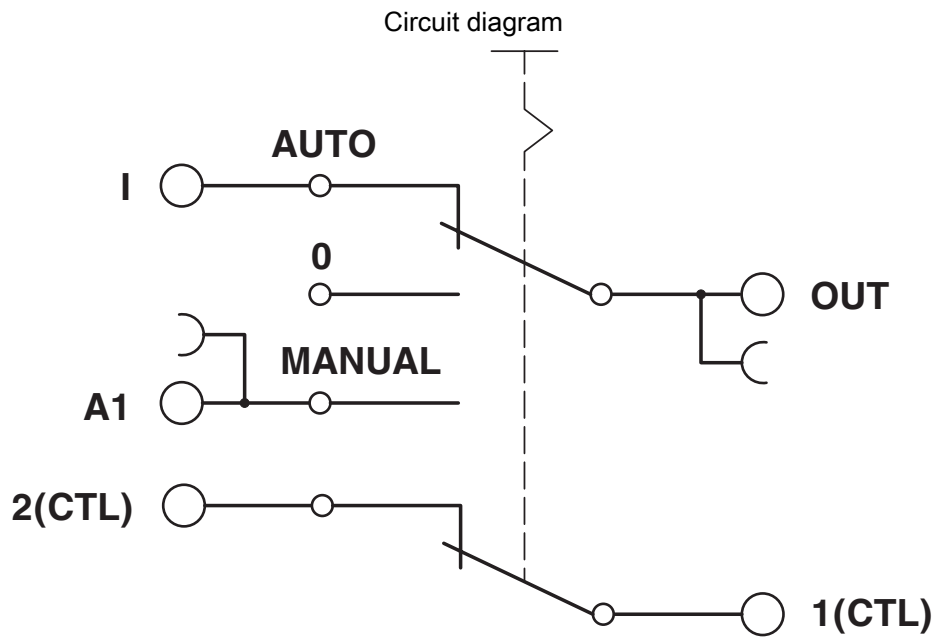
Approvals

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

cUL Recognized
Approval ID: FILE E 238705

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Approval ID: FILE E 238705

EAC
Approval ID: TR_TS_D_00573_c

UL Listed
Approval ID: FILE E 172140

cUL Listed
Approval ID: FILE E 172140

cULus Listed
Approval ID: E140324

cULus Recognized

cULus Listed

Classifications

ECLASS

ECLASS-11.0	27371692
ECLASS-12.0	27371692
ECLASS-13.0	27371692

ETIM

ETIM 9.0	EC002586

UNSPSC

UNSPSC 21.0	39122300

Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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