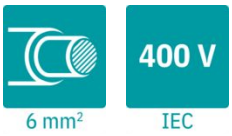
RSCWE 6-3/18 - Plug-in test socket

3969957

https://www.phoenixcontact.com/us/products/3969957

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.





The figure shows a version of the article

Plug-in test socket, nom. voltage: 400 V, number of connections: 36, number of positions: 18, connection method: Ring cable lug, Rated cross section: 6 mm^2, 1 level, mounting type: Panel mounting, color: gray

Your advantages

- Cost-effective, thanks to the tailored, modular design and use of standardized CLIPLINE complete accessories
- Space saving, thanks to compact, modular plug-in test sockets
- The integrated, robust switch contact is designed for the most stringent demands, and the use of high-quality materials ensures the transmission of signal currents, even after multiple actuations
- Maximum safety with leading and automatic transformer short circuit

Commercial data

Item number	3969957
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE06
Product key	BE6113
GTIN	4055626394688
Weight per piece (including packing)	707.6 g
Weight per piece (excluding packing)	703.5 g
Customs tariff number	85369010
Country of origin	PL

Technical data

Product properties

Product type	Test terminal strip
Product family	FAME 3
Number of positions	18
Pitch	8.2 mm
Number of connections	36
Number of rows	1
Potentials	18

Insulation characteristics

Overvoltage category	III

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	1.31 W
Test surge voltage	5 kV

Connection data

Number of connections per level	36
Nominal cross section	6 mm²

1 level

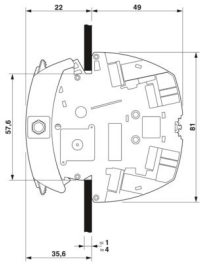
Connection method	Ring cable lug
Screw thread	No 8 UNC
Tightening torque	1.5 ... 1.8 Nm
Internal cylindrical gage	A5
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section flexible	0.5 mm² ... 10 mm²
Conductor cross-section, flexible [AWG]	24 ... 8 (converted acc. to IEC)
2 conductors with same cross section, rigid	0.5 mm² ... 6 mm²
2 conductors with same cross section, flexible	0.5 mm² ... 6 mm²
Nominal cross section	6 mm²
Maximum load current	30 A (with 10 mm² conductor cross-section)
Nominal voltage	400 V AC/DC

Cable lug connection DIN 46234:1980-03

Connection in acc. with standard	DIN 46234:1980-03
Cross section	0.5 mm² ... 10 mm²
Cross section range AWG	(converted acc. to IEC)
Hole diameter	4.3 mm
Width	8 mm
Bolt diameter	4.1 mm
Connection in acc. with standard	DIN 46237:1970-07

Cross section	0.5 mm² ... 10 mm²
Cross section range AWG	(converted acc. to IEC)
Hole diameter	4.3 mm
Width	8 mm
Bolt diameter	4.1 mm
Identification color of ring cable lugs : red	1 mm²
Identification color of ring cable lugs : blue	2.5 mm²
Identification color of ring cable lugs : yellow	6 mm²

Dimensions

Dimensional drawing	
Width	179.3 mm
Height	81 mm
Depth	70.1 mm
Pitch	8.2 mm
Plate thickness	1 mm ... 4 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

General

Terminal block mounting	0.8 Nm ... 1 Nm

Mechanical data

Open side panel	No

Environmental and real-life conditions

Ambient conditions

Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

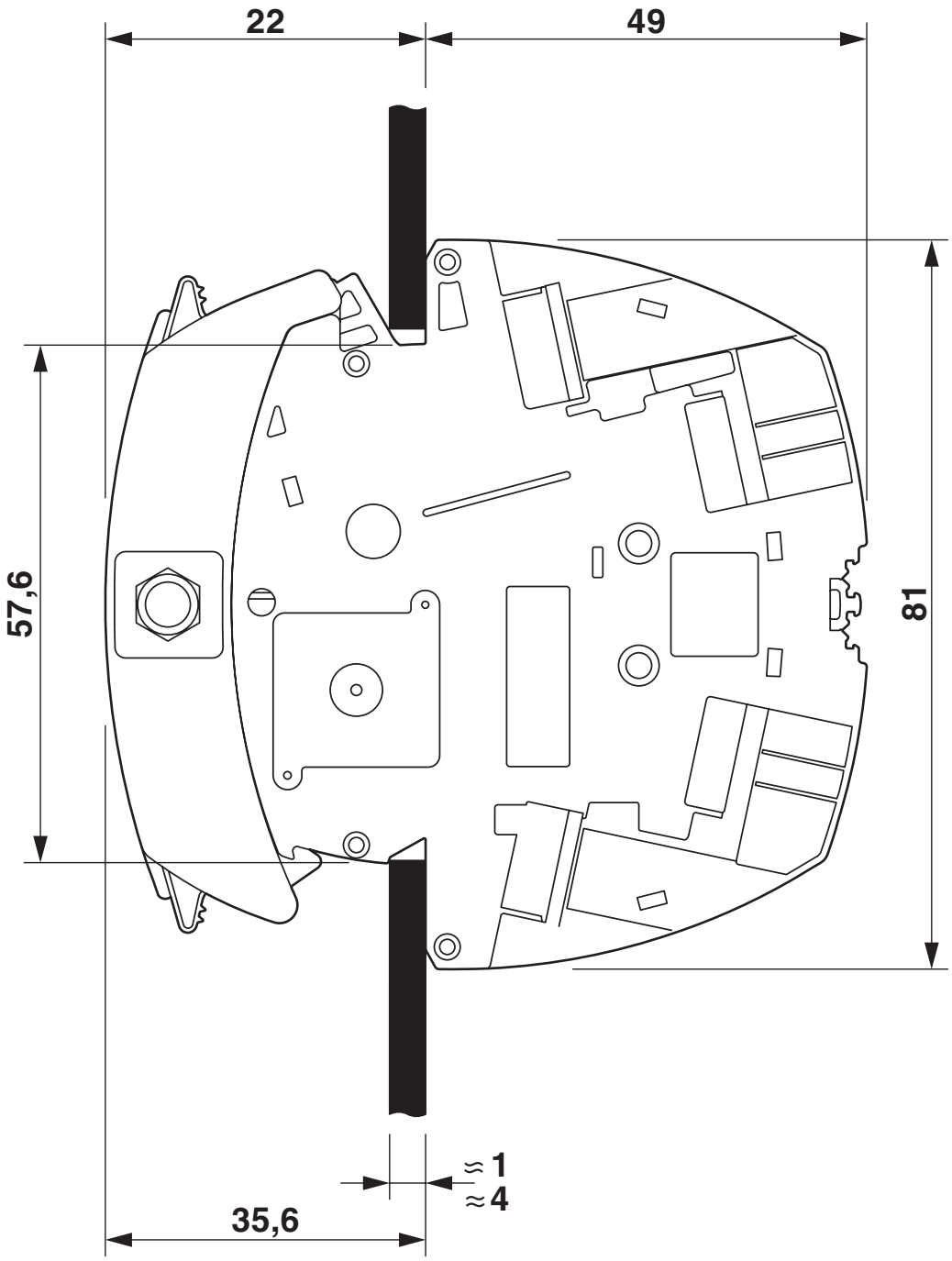
Connection in acc. with standard	IEC 60947-7-1

Mounting

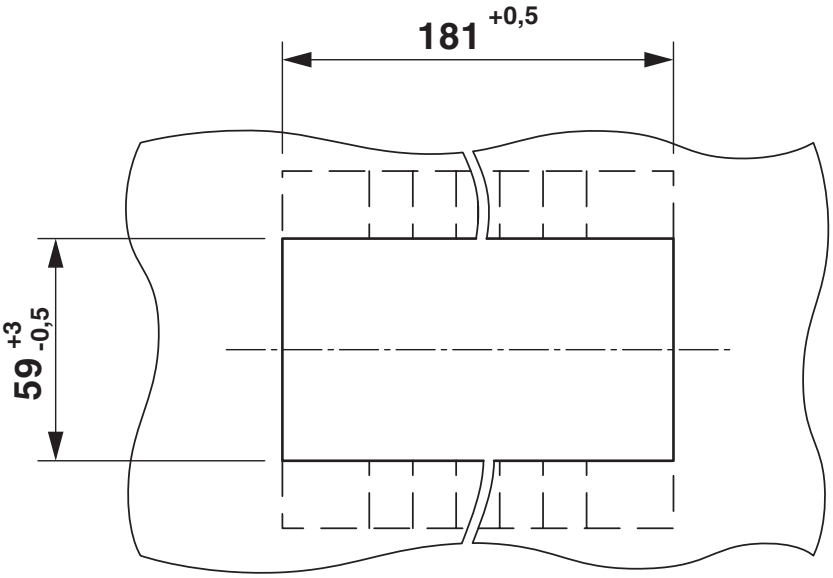
Mounting type	Panel mounting
Terminal block mounting	0.8 Nm ... 1 Nm

Drawings

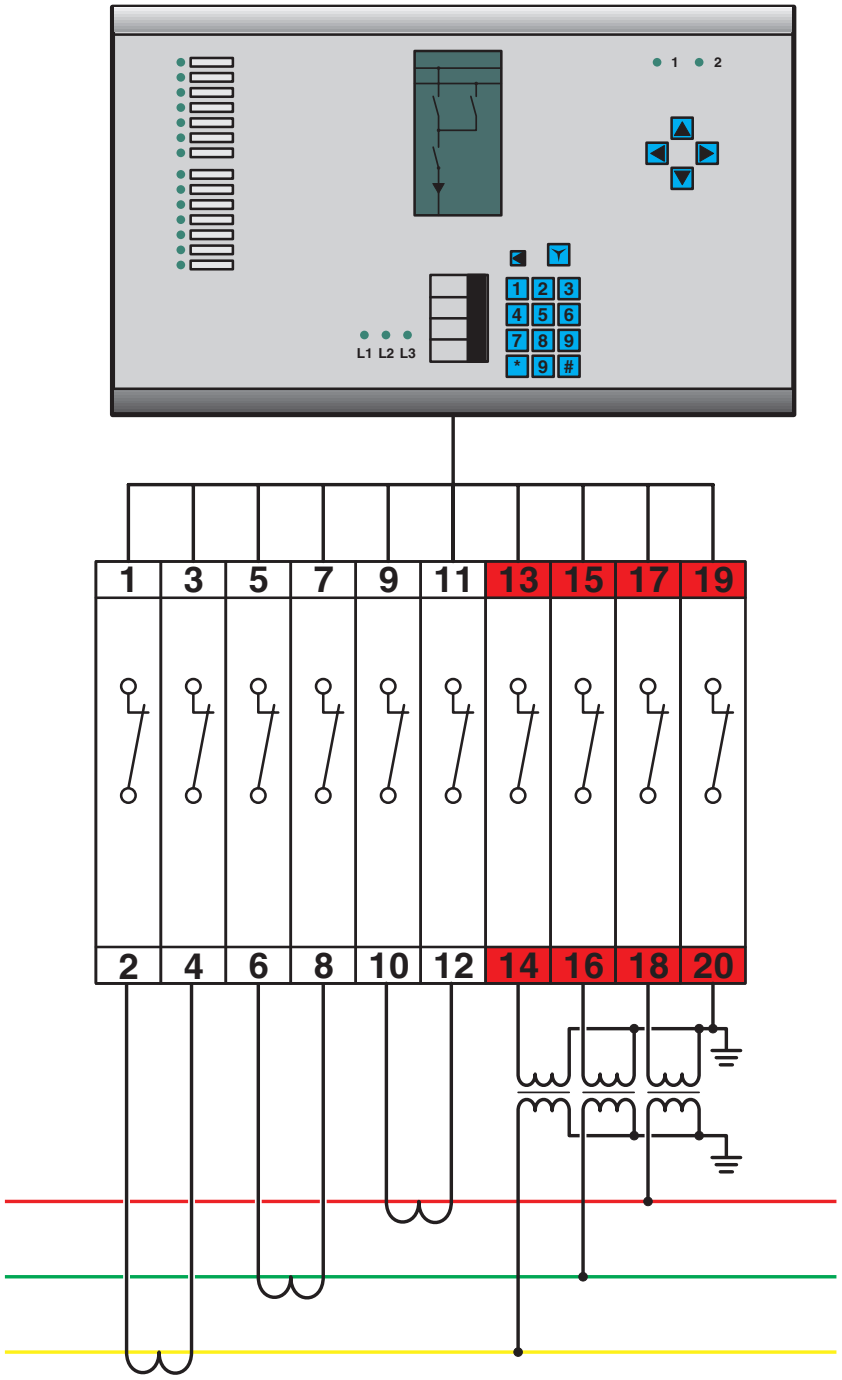
Dimensional drawing



Dimensional drawing



Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3969957

cULus Recognized
Approval ID: E60425

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	600 V	31 A	20 - 8	-
C				
	600 V	31 A	20 - 8	-
D				
	600 V	5 A	20 - 8	-

EAC
Approval ID: RU C-DE.BL08.B.00682

CSA
Approval ID: 13631

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	600 V	31 A	20 - 8	-
C				
	600 V	31 A	20 - 8	-

Classifications

ECLASS

ECLASS-13.0	27250190
ECLASS-15.0	27250190

ETIM

ETIM 10.0	EC002848

UNSPSC

UNSPSC 21.0	39121400

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	5.902 kg CO2e

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com