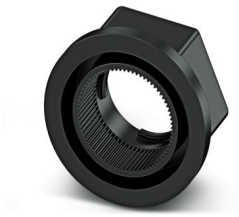
PV-FT-C-WALLMOUNT BK - Screw connection

1146092

https://www.phoenixcontact.com/us/products/1146092

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.



Screw connection, Range of articles: SUNCLIX, Screw nut suitable for device wall thicknesses of 1 mm ... 5 mm

Product description

Screw connection for attaching the SUNCLIX panel feed-through with quick mount system

Commercial data

Item number	1146092
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	AB02
Product key	ABLBZC
GTIN	4063151135386
Weight per piece (including packing)	2.3 g
Weight per piece (excluding packing)	2.3 g
Customs tariff number	39269097
Country of origin	DE

Technical data

Notes

Note on application	Screw nut suitable for device wall thicknesses of 1 mm ... 5 mm
Order information:	Packing unit: 100 pcs. (polybag)

Safety note

Safety note	• WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.
	• WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.
	WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.
	• The products are suitable for applications in plant, controller, and electrical device engineering.
	• Assembled products may not be manipulated or improperly opened.
	• Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).
	• When using the product in direct connection with third-party manufacturers, the user is responsible.
	• For operating voltages > 50 V AC, conductive connector housings must be grounded
	• Ensure that the protective or functional ground has been properly connected.
	• Observe the corresponding technical data. You will find information: o On the product o On the packing label o In the supplied documentation o Online at phoenixcontact.com/products under the product
	• The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this product.
	• Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products
	• The connector warms up in normal operation. Depending on the ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting warnings (e.g. DIN EN ISO 13732-1:2008-12).
	• Operate the connector only when it is fully plugged in and interlocked.
	• Ensure that when laying the cable, the tensile load on the

	connectors does not exceed the upper limit specified in the standards.
	• Observe the minimum bending radius of the cable. Lay the cable without twisting it.

Product properties

Product type	Panel feed-through
Product family	SUNCLIX

Dimensions

Width	21 mm
Height	21 mm
Length	11.4 mm

Material specifications

Color of the housing part	black
Flammability rating according to UL 94	V0
Insulating material group	I
Material for screw connection	PA

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Specification	IEC 60068-2-14:2009-01
	IEC 60512-11-4:2002-02
Requirements, visual check	No defects that impair normal functionality.
Test duration	9 days
Dwell time	30 min
Transition duration	≤ 3 min
Minimum temperature	-40 °C
Maximum temperature	+85 °C
Test procedure	Na: Rapid change of temperature with prescribed time of transfer

Moist heat, constant

Specification	IEC 60068-2-78:2012-10
Requirements, visual check	No defects that impair normal functionality.
Test duration	1000 h
Temperature for testing	+85 °C ±2 °C
Relative humidity	≥ 85 %

Hammer tests (Eh)

Specification	IEC 60068-2-75:2014-09
	IEC 60512-11-10:2002-02
Requirements, visual check	No damage that can affect the intended use.

Category	3
Temperature for testing	-40°C ± ⎿⎾ K
Specification	IEC 60068-2-2:2007-07
	IEC 60512-11-9:2002-02
Requirements, visual check	No defects that impair normal functionality.
Thermal stress	90°C/240 h
Specification	IEC 60512-6-4:2002-02
	IEC 60512-1-1:2002-02
Requirements, visual check	No defects that impair normal functionality.
Test duration	2.5 h per axis
Lowest frequency	10 Hz
Highest frequency	150 Hz
Amplitude	0.35 mm
Acceleration	50 m/s²
Sweep speed	1 octave/min
Test directions	X-, Y- and Z-axis

IP code X8 - continuous immersion

Specification	IEC 60512-9-1:2010-03
Requirements	Water may not penetrate in a harmful quantity when the housing is submerged in water continuously under conditions to be agreed between the manufacturer and user. However, the conditions must be more stringent than those of digit 7.
Test duration	2 h

Mechanical tests

Specification	IEC 60512-1-1:2002-02
Requirements, visual check	No defects that impair normal functionality.
Additional text	The values specified apply to all repetitions of the same test within the normative test sequence.

Classifications

ECLASS

ECLASS-13.0	27440192
ECLASS-15.0	27440192

ETIM

ETIM 10.0	EC002943

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	0.013 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