

1437261

https://www.phoenixcontact.com/us/products/1437261

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.



Panel feed-through with QUICKON fast connection technology, for accommodating one or two AS-i flat conductors, on the rear side with manual solder/slip-on connection 4.8×0.8 mm

Your advantages

· Robust throughout: housing with IP65/IP67 protection for a wide range of applications

Commercial data

Item number	1437261
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF50
Product key	BF6ABA
Catalog page	Page 438 (C-2-2019)
GTIN	4046356456821
Weight per piece (including packing)	26.9 g
Weight per piece (excluding packing)	26.9 g
Customs tariff number	85366990
Country of origin	PL



1437261

https://www.phoenixcontact.com/us/products/1437261

Technical data

Product properties

Product type	Panel feed-through
Number of positions	4
Number of connections	4
Number of connections per position	1
Coding	no
Insulation characteristics	
Overvoltage category	III
Degree of pollution	3

Connection data

Connection technology	
Connection method On the device side	Manual solder/slip on connection (4.8 mm x 0.8 mm)
Frequency of connections between conductors of the same cross section	max. 10 (For the same conductor cross section)
Conductor connection	
Conductor cross section flexibel	0.75 mm² 1.5 mm²
Conductor cross section solid	0.75 mm² 1.5 mm²
Connection cross section AWG	18 16
Tightening torque Union nut	3 Nm
Tightening torque Contact carrier	4.5 Nm
Tightening torque Locking nut	4.5 Nm
Wrench size Union nut	19 mm
Wrench size Contact carrier	24 mm

Dimensions

Dimensional drawing	T 8,9 5
Width	24 mm
Height	24 mm
Length	55.9 mm

24 mm

Electrical properties

Diameter

Rated surge voltage (II/2)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (III/3)	6 kV
Rated current	15 A



1437261

https://www.phoenixcontact.com/us/products/1437261

rated voltage (II/2)	1000 V
rated voltage (III/2)	1000 V
Rated voltage (III/3)	500 V (with insulating sleeve PT/FS 4,8. Without insulating sleeve 250 V AC.)
Nominal voltage U _N	500 V AC
	500 V DC
Nominal current I _N	15 A

Material specifications

Color	black (RAL 9005)
Material Housing	PA
Flammability rating according to UL 94	VO
Material wire insulation	PVC/PE/TPE/rubber
Contact material	Copper alloy
Contact surface material	Pre-nickel plated and tin-plated
Contact carrier material	PA

Cable/line

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 class 1 to 6/min. 0.15 mm
Wire diameter including insulation	1.8 mm 3 mm
Material wire insulation	PVC/PE/TPE/rubber

Mounting

Mounting type	Front mounting M20
Assembly instructions	If the conductor is reconnected, it must be cut off above the last contact point. QUICKON components may only be operated when under no load.

Environmental and real-life conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C 80 °C
Temperature when conductor connected	-5 °C 50 °C



1437261

https://www.phoenixcontact.com/us/products/1437261

Drawings

Dimensional drawing





1437261

https://www.phoenixcontact.com/us/products/1437261

Approvals

🌣 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1437261

	Approval ID: FILE E 118	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		250 V	11 A	-	-
		200 V			
71	UL Recognized Approval ID: FILE E 1189	976			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		250 V	15 A	-	-
AC	EAC Approval ID: RU C-DE.AI3	30.B.01102			
ar					
ar	Approval ID: RU C-DE.AI3				
ar	Approval ID: RU C-DE.AI3	08.B.00511			
Æ	Approval ID: RU C-DE.AI3 EAC Approval ID: RU C-DE.BL	08.B.00511	Nominal current I _N	Cross section AWG	Cross section mm ²
Æ	Approval ID: RU C-DE.AI3 EAC Approval ID: RU C-DE.BL	08.B.00511 hmigung	Nominal current I _N	Cross section AWG	Cross section mm ² 0.75 - 1.5



1437261

https://www.phoenixcontact.com/us/products/1437261

Classifications

ECLASS

ECLASS-11.0	27440602
ECLASS-13.0	27440602
ECLASS-12.0	27440602

ETIM

	ETIM 9.0	EC002566			
UN	UNSPSC				
	UNSPSC 21.0	39121500			



1437261

https://www.phoenixcontact.com/us/products/1437261

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%		



1437261

https://www.phoenixcontact.com/us/products/1437261

Accessories

Q-MU M20 - Nut

1640702 https://www.phoenixcontact.com/us/products/1640702

Nut (plastic) to lock the contact carrier from the inside of the device



PT/FS 4,8 - Insulating sleeve

1670497 https://www.phoenixcontact.com/us/products/1670497



Insulating sleeve, as touch protection, for 4.8 mm slip-on sleeves, slide onto the conductor before



1437261

https://www.phoenixcontact.com/us/products/1437261

WIREFOX ASI - Stripping tool

1212154

https://www.phoenixcontact.com/us/products/1212154



Stripping pliers, for AS interface flat-ribbon cables, any desired stripping length

MICROFOX-SB - Diagonal cutter

1212489 https://www.phoenixcontact.com/us/products/1212489



Electronic diagonal cutter, round head, without chamfer, with opening spring, mirror-polished and oiled, 2-component grip, cutting capacity: soft 0.2 - 2.0 mm; medium hard 1.2 mm; hard 0.5 mm diameter



1437261

https://www.phoenixcontact.com/us/products/1437261

QSS 19 - Socket wrench

1670895

https://www.phoenixcontact.com/us/products/1670895



Socket wrench, for tightening and unscrewing the QUICKON union nut, wrench size 19 mm

Phoenix Contact 2024 © - 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