

Q 0,75/3FL/9-9KU-ESA - Panel feed-through



1670727

<https://www.phoenixcontact.com/us/products/1670727>

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QUICKON panel feed-through, for external wall mounting with manual solder/slip-on connection, 2.8 x 0.8 mm, 3-pos.

Commercial data

Item number	1670727
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BF50
Product key	BF6HAA
Catalog page	Page 16 (PC-2002)
GTIN	4017918156961
Weight per piece (including packing)	16.79 g
Weight per piece (excluding packing)	16.27 g
Customs tariff number	85369010
Country of origin	PL

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Technical data

Product properties

Product type	Panel feed-through
Number of positions	3
Position marking	1, 2, 3
Number of connections	3
Number of connections per position	1
Shielded	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
Connection method On the field side	IDC connection
Frequency of connections between conductors of the same cross section	10 (if the conductor is connected more than once, seal and cap may need to be replaced.)

Conductor connection

Conductor cross section flexibel	0.34 mm² ... 0.75 mm²
Conductor cross section solid	0.34 mm² ... 0.75 mm²
Connection cross section AWG	18 ... 16
Tightening torque Union nut	2.5 Nm
Tightening torque Contact carrier	3.75 Nm
Tightening torque Locking nut	3.75 Nm
Wrench size Union nut	19 mm
Wrench size Contact carrier	19 mm

Dimensions

Dimensional drawing	
Width	19 mm
Height	19 mm
Length	41.3 mm

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Electrical properties

Rated surge voltage (III/3)	4 kV
Contact resistance	< 3 mΩ
rated voltage (II/2)	320 V (with insulating sleeve)
rated voltage (III/2)	160 V (with insulating sleeve)
Rated voltage (III/3)	160 V (with insulating sleeve)
Nominal voltage U_N	160 V AC
	160 V DC
Nominal current I_N	9 A

Material specifications

Color (Housing)	green (RAL 6021)
Material Housing	PA
Material Contact	Cu alloy
Flammability rating according to UL 94	V0
Material wire insulation	PVC / PE
Contact surface material	Pre-nickel plated and tin-plated

Cable/line

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	Class 2-6 // 0.34 mm ² : 0.1 mm; 0.5 - 0.75 mm ² : 0.15 mm
Wire diameter including insulation	2.5 mm
Position marking	1, 2, 3

Mounting

Mounting type	Front mounting Pg9
Assembly note	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

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 80 °C (Specifications of the cable manufacturer must be observed.)
	-25 °C ... 50 °C (when the conductor is connected. Specifications of the cable manufacturer must also be observed.)
Temperature when conductor connected	-5 °C ... 50 °C

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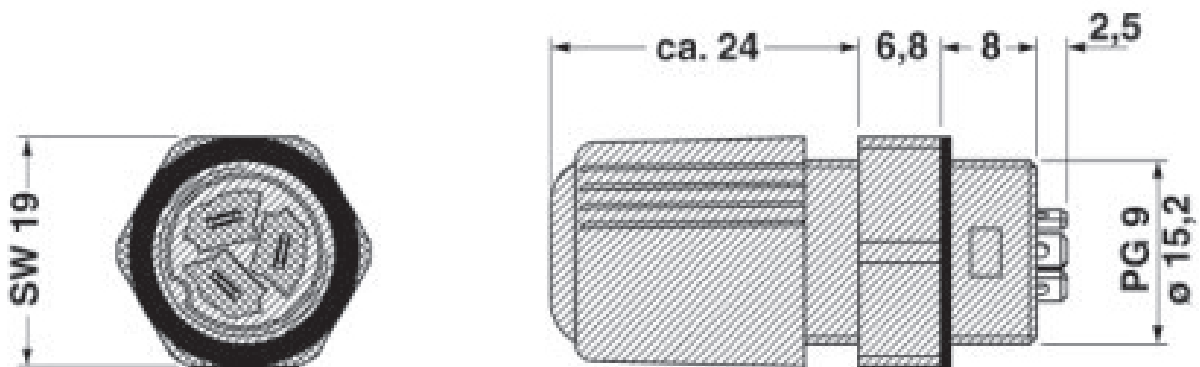
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Drawings

Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1670727>

	cUL Recognized Approval ID: FILE E 118976			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	250 V	6 A	-	-

	UL Recognized Approval ID: FILE E 118976			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	250 V	9 A	-	-

	EAC Approval ID: RU C-DE.A*30.B.01102			

	EAC Approval ID: RU C-DE.BL08.B.00511			

cULus Recognized				
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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002566
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UNSPSC

UNSPSC 21.0	39121500
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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%

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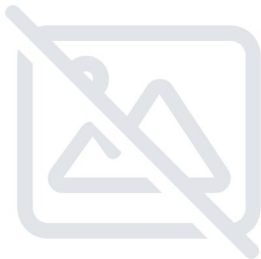
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Accessories

Q-MU PG 9 - Mounting material

1670882

<https://www.phoenixcontact.com/us/products/1670882>



Nut (plastic) to lock the contact carrier Pg9 / 30 WAF

Q-PROT 9/11 - Filler plug

1670235

<https://www.phoenixcontact.com/us/products/1670235>



Closing cap for Pg9/Pg11 to close unoccupied connections

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Q SET- 9 DI/KR - Mounting material

1640362

<https://www.phoenixcontact.com/us/products/1640362>



Seal/Collar replacement set Pg9

PT/FS 2,8 - Insulating sleeve

1406700

<https://www.phoenixcontact.com/us/products/1406700>

Insulating sleeve, as touch protection, slide onto the conductor before for 2.8 slip-on sleeves



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QSS 19 - Socket wrench

1670895

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

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

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