

Q 0,75/3A50/9-M16KU-ESA - Panel feed-through



1640757

<https://www.phoenixcontact.com/pc/products/1640757>

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QUICKON panel feed-through, for the front wall assembly with 50 cm long wires, 3-pos.



Commercial Data

Item number	1640757
Packing unit	10 pc
Minimum order quantity	10 pc
Product Key	BF6HAA
Catalog Page	Page 17 (PC-2002)
GTIN	4017918177416
Weight per Piece (including packing)	33.59 g
Weight per Piece (excluding packing)	33.59 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 per position	1
Locking type	Screw locking
Shielded	no
Thread type	M16 x 1.5

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Connection data

Connection technology

Connection technology	QUICKON connection
Connection system, internal	Individual wires
Frequency of connections between conductors of the same cross section	10

Conductor connection

Conductor cross section flexibel	0.34 mm ² ... 0.75 mm ² 0.34 mm ² ... 0.75 mm ²
Connection cross section AWG	18 ... 16
Wrench size, union nut	19 mm
Tightening torque, union nut	2.5 Nm
Wrench size, contact carrier	19 mm
Tightening torque contact carrier	3.75 Nm
Tightening torque, counter nut	3.75 Nm

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	green
Material Housing	PA
Flammability rating according to UL 94	V0
Contact material	Cu alloy
Contact surface material	Pre-nickel plated and tin-plated
Contact carrier material	PA

Cable/line

Cable length	0.5 m
Wire diameter including insulation	2.5 mm
Position marking	1, 2, 3
Wire insulation material	PVC / PE

Mounting

Mounting type	Front mounting M16
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

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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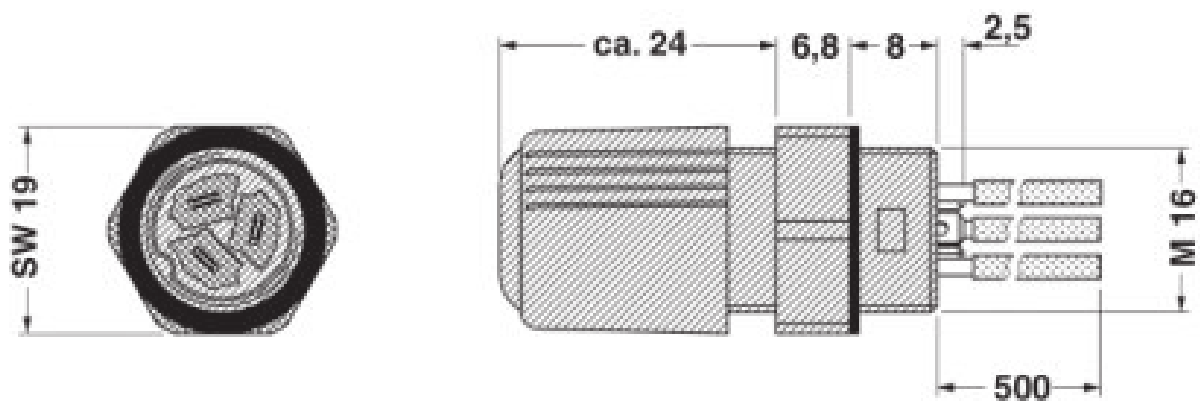


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Drawings

Dimensional drawing




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Approvals

 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.AI30.B.01102				

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

cULus Recognized

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Classifications

ECLASS

ECLASS-9.0	27440602
ECLASS-10.0.1	27440602
ECLASS-11.0	27440602

ETIM

ETIM 8.0	EC002566
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UNSPSC

UNSPSC 21.0	39121500
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"
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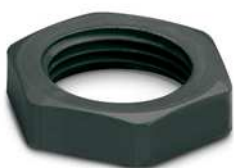
Accessories

Q-MU M16 - Nut

1640692

<https://www.phoenixcontact.com/pc/products/1640692>

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



Q-PROT 9/11 - Filler plugs

1670235

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



Seal/Collar replacement set Pg9

QSS 19 - Socket wrench

1670895

<https://www.phoenixcontact.com/pc/products/1670895>



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

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MICROFOX-SB - Diagonal cutter

1212489

<https://www.phoenixcontact.com/pc/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

PT/FS 2,8 - Insulating sleeve

1406700

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



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

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