



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Panel feed-through - QPD W 2PE1,5 M20 FC BK - 1414692

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Panel feed-through, QUICKON connection, number of positions: 2+PE, 0.5 mm² ... 1.5 mm², 690 V, 15 A, black, Without QUICKON nut, assembly thread: M20, Slip-on connection (For slip-on sleeves according to DIN 46247-2), 1.5 mm²

Why buy this product

- ✓ Innovative and time saving - QUICKON fast connection for time saving of up to 80 % for on-site connection
- ✓ Convenient: quick and easy assembly without special tools
- ✓ Robust throughout: housing with IP68/IP69K and IK07 protection for a wide range of applications
- ✓ Safer connection thanks to polarization against mismatching and touch-proof protection according to DIN EN 0105
- ✓ Efficient - by using panel feed-throughs, devices no longer need to be opened in order to connect cables



Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 031453
GTIN	4055626031453

Technical data

General

Type	QPD 3x1,5
Color	black
Locking type	Screw locking
Connection method	QUICKON connection
	IDC connection
Number of positions	3
Note number of positions	2+PE
Tightening torque, union nut	8 Nm
Tightening torque, counter nut	5 Nm
Number of connections	10
Conductor cross section flexible min.	0.5 mm ²

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Technical data

General

Conductor cross section flexible max.	1.5 mm ²
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	16
Dimensions of slip-on connection	4.8 x 0.8 mm

Cabel

Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 class 1 to 6/min. 0.15 mm
Wire insulation material	PVC/PE/TPE/rubber
Wire diameter including insulation	1.6 mm ... 3 mm
Conductor cross section	1.5 mm ²
Position marking	1, 2, PE

Ambient conditions

Degree of protection	IP66
	IP68 (2 m / 24 h)
	IP69K
Ambient temperature (operation)	-40 °C ... 100 °C
Ambient temperature (storage/transport)	-40 °C ... 100 °C
Temperature when conductor connected	-5 °C ... 50 °C

Electrical characteristics

Nominal current I _N	15 A
Rated current	17.5 A
Rated voltage (III/3)	690 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV

Mechanical characteristics

QUICKON connectability	max. 10
Category of shock impact	IK07

Material data

Contact material	Cu
Contact surface material	silver-plated
Contact carrier material	PA
Insulating material	PA
Flammability rating according to UL 94	V0
Overvoltage category	III

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Technical data

Material data

Degree of pollution	3
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Standards and Regulations

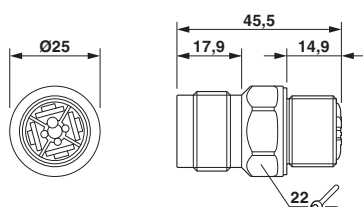
Flammability rating according to UL 94	V0
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Environmental Product Compliance

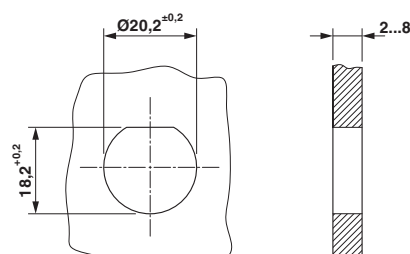
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Dimensional drawing



Housing cutout

Approvals

Approvals


Approvals

GL / VDE approval of drawings / IECEx CB Scheme / EAC

Ex Approvals

Approval details


GL		http://exchange.dnv.com/tari/	6195914 HH
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VDE approval of drawings		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40029149
Nominal voltage UN	690 V		

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Approvals

Nominal current I _N	17.5 A
mm ² /AWG/kcmil	0.5-1.5

IECEE CB Scheme		http://www.iecee.org/	DE1-58228
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EAC		RU C- DE.AI30.B.01102
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