

FKC 2,5/ 5-ST-5,08

Order No.: 1873087

The illustration shows version FKC 2,5/5-ST-5,08 AU

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1873087>

Plug component, nominal current: 12 A, rated voltage: 250 V,
pitch: 5.08 mm, no. of positions: 5, type of connection: Spring-cage
connection

Commercial data

EAN	4017918142476
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.0091 KG
Catalog page information	Page 184 (CC-2007)

Product notesWEEE/RoHS-compliant since:
01/01/2003

<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data**Dimensions / positions**

Pitch	5.08 mm
Dimension a	20.32 mm
Number of positions	5

Technical data

Insulating material group	I
---------------------------	---

Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal voltage U_N	250 V
Nominal cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²

Certificates / Approvals



CUL

Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	26-12

UL

Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	26-12
Certification	CB, CUL, GOST, UL, VDE-PZI

Accessories

Item	Designation	Description
------	-------------	-------------

Assembly

1876880	STZ 8-FKC-5,08	Strain relief for snapping into the latching chambers of the plug components, 8-pos.
1876877	STZ 4-FKC-5,08	Strain relief for snapping into the latching chambers of the plugs, 4-pos.

Marking

1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
0804293	SK 5,08/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
0805085	SK 5,08/3,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white
0805412	SK 5,08/3,8:UNBEDRUCKT	Marker cards, unprinted, with pitch divisions, self-adhesive, 10-section marker strips, 12 strips per card, can be labeled with the M-PEN

Plug/Adapter

1734634	CP-MSTB	Coding profile, is inserted into the slot on the plug or inverted header, red insulating material
---------	---------	---

0201689	MPS-IH BU	Insulating sleeve (blue), for MPS metal part to be ordered separately (0201744)
0201702	MPS-IH GN	Insulating sleeve (green), for MPS metal part to be ordered separately (0201744)
0201676	MPS-IH RD	Insulating sleeve (red), for MPS metal part to be ordered separately (0201744)
0201663	MPS-IH WH	Insulating sleeve (white), for MPS metal part to be ordered separately (0201744)
0201744	MPS-MT	Test plug, consisting of: Metal part for 2.3 mm diameter socket hole
0201647	RPS	Reducing plug, for transition from 4 mm diameter test plug socket, insulation: gray

Tools

1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
---------	-------------	--

Additional products

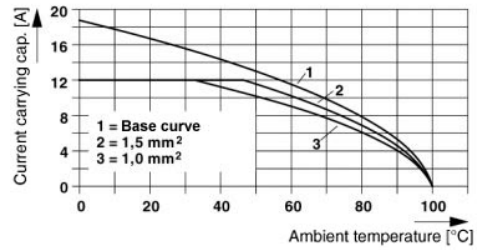
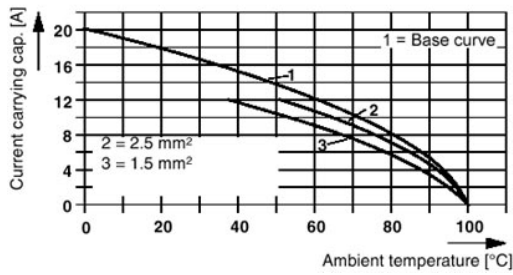
Item	Designation	Description
General		
1880339	EMSTBA 2,5/ 5-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Press in
1859548	EMSTBVA 2,5/ 5-G-5,08	Header, nominal current: 12 A, rated voltage: 200 V, pitch: 5.08 mm, no. of positions: 5, mounting: press in
1873388	FKIC 2,5/ 5-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Spring-cage connection
1823875	ICC 2,5/ 5-STZ-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Crimp connection
1842092	MDSTBA 2,5/ 5-G-5,08	Header, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, number of positions: 5, mounting type: Soldering
1770740	MSTB 2,5/ 5-G-5,08-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Soldering
1757271	MSTBA 2,5/ 5-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Soldering
1770973	MSTBA 2,5/ 5-G-5,08-LA	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Soldering
1788758	MSTBVK 2,5/ 5-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, mounting: Mounting rail
1788567	MVSTBU 2,5/ 5-GB-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, mounting: Direct mounting

1769492	SMSTB 2,5/ 5-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Soldering
1767407	SMSTBA 2,5/ 5-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Soldering
3002034	UK 3-MSTB-5,08	Modular terminal blocks with plug entry, cross section: 0.2 - 2.5 mm ² , AWG: 30 - 12, width: 5.1 mm, color: gray
3002076	UK 3-MVSTB-5,08	Modular terminal blocks with plug entry, cross section: 0.2 - 2.5 mm ² , AWG: 26 - 12, width: 5.1 mm, color: gray
3002102	UK 3-MVSTB-5,08-LA 24RD	Modular terminal block with plug entry, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 1, mounting: mounting rail, with red light indicator, voltage light indicator: 24 V AC/DC, current light indicator: 3.3 mA
3002063	UK 3-MVSTB-5,08/EK	Modular terminal blocks with plug entry, cross section: 0.2-2.5 mm ² , AWG: 26-12, width: 5.1 mm, color: blue
3002131	UK 3D-MSTBV-5,08	Modular terminal blocks with vertical plug entry, cross section: 0.2 - 2.5 mm, AWG: 30 - 12, width: 5.1 mm, color: gray
3002144	UK 3D-MSTBV-5,08-LA 24RD	Modular terminal block with vertical plug entry, color: Gray, with red light indicator, voltage light indicator: 24 V AC/DC, current light indicator: 3.3 mA
3002173	UK 3D-MSTBV-5,08/EK	Modular terminal blocks with plug entry, cross section: 0.2 - 2.5 mm ² , AWG: 30 - 12, width: 5.1 mm, color: blue
2770888	UKK 3-MSTB-5,08	Modular terminal blocks with 2 horizontal plug entries, cross section: 0.2 - 2.5 mm, AWG: 30 - 12, width: 5.1 mm, color: gray
1876615	UKK 3-MSTB-5,08-PE	Ground terminal block, with 2 horizontal plug entries, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 1, mounting: mounting rail.
2770846	UKK 3-MSTBVH-5,08	Modular terminal blocks with vertical and horizontal plug entry, cross section: 0.2 - 2.5 mm, AWG: 30 - 12, width: 5.1 mm, color: gray
1788143	UMSTBVK 2,5/ 5-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, mounting: Mounting rail
1873016	ZFKK 1,5-MSTBV-5,08	Modular terminal blocks with plug entry, cross section: 0.2 - 1.5 mm ² , width: 5.1 mm, color: gray

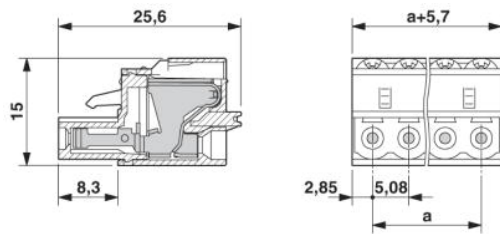
Drawings

Diagram

Plug: FKC 2,5/5-ST(F)-5,08
 Header: MSTB(A) 2,5/5-G(F)-5,08



Dimensioned drawing



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



© 2008 Phoenix Contact
Technical modifications reserved;