

BP 4-5VT - Plug

3208734

<https://www.phoenixcontact.com/sg/products/3208734>



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Plug for five voltage transducers



Commercial data

Item number	3208734
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	*****
Product key	BE643X
Catalog page	Page 334 (C-1-2019)
GTIN	4055626013008
Weight per piece (including packing)	127 g
Weight per piece (excluding packing)	120 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Product properties

Product type	Plug
Number of positions	10
Pitch	6.1 mm
Number of connections	10
Number of rows	1
Potentials	10

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	1.02 W

Connection data

Nominal cross section	4 mm ²
Rated cross section AWG	10
Screw thread	M4
Tightening torque	1.2 ... 1.5 Nm
Stripping length	8 mm ... 9 mm
Connection in acc. with standard	IEC 61984
Conductor cross section rigid	0.5 mm ² ... 2.5 mm ²
Cross section AWG	20 ... 14 (converted acc. to IEC)
Conductor cross section flexible	0.5 mm ² ... 2.5 mm ²
Conductor cross section, flexible [AWG]	20 ... 14 (converted acc. to IEC)
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm ² ... 2.5 mm ²
Nominal current	15 A
Maximum load current	30 A
Nominal voltage	320 V

Dimensions

Width	86.5 mm
Height	56.6 mm
Depth	40 mm
Pitch	6.1 mm

Material specifications

Color	gray
Flammability rating according to UL 94	V0
Insulating material group	I

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Insulating material	PA
Static insulating material application in cold	-60 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Mechanical properties

Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 61984
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Mounting

Mounting type	Insertion in base strip
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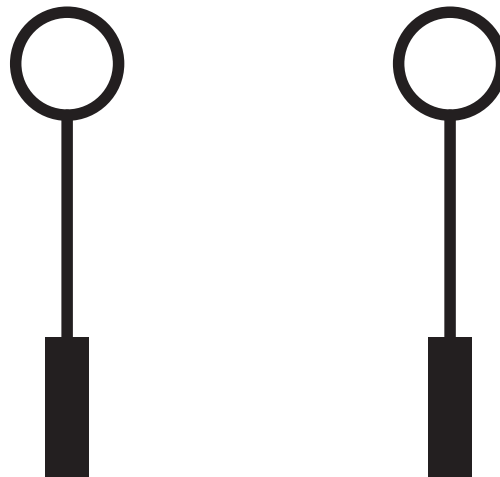
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Drawings

Circuit diagram



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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/3208734>



EAC

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

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Classifications

ECLASS

ECLASS-11.0	27141120
ECLASS-13.0	27250304

ETIM

ETIM 9.0	EC000897
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

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

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Accessories

PC - Coding star

3040588

<https://www.phoenixcontact.com/sg/products/3040588>



Coding star, 4-section, depth: 6 mm, width: 3 mm, height: 3 mm, color: red

ZBF 6:UNBEDRUCKT - Zack Marker strip, flat

0808710

<https://www.phoenixcontact.com/sg/products/0808710>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

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ZBF 6 CUS - Zack Marker strip, flat

0825027

<https://www.phoenixcontact.com/sg/products/0825027>



Zack Marker strip, flat, Strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

UC-TMF 6 - Marker for terminal blocks

0818140

<https://www.phoenixcontact.com/sg/products/0818140>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 5.1 mm, Number of individual labels: 80

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UC-TMF 6 CUS - Marker for terminal blocks

0824646

<https://www.phoenixcontact.com/sg/products/0824646>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 5.1 mm, Number of individual labels: 80

UCT-TMF 6 - Marker for terminal blocks

0828746

<https://www.phoenixcontact.com/sg/products/0828746>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.4 x 4.7 mm, Number of individual labels: 60

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UCT-TMF 6 CUS - Marker for terminal blocks

0829665

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Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.4 x 4.7 mm, Number of individual labels: 60

ZBF 6,LGS:FORTL.ZAHLEN - Zack Marker strip, flat

0808749

<https://www.phoenixcontact.com/sg/products/0808749>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

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ZBF 6,QR:FORTL.ZAHLEN - Zack Marker strip, flat

0808765

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Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

ZBF 6,LGS:GERADE ZAHLEN - Zack Marker strip, flat

0810834

<https://www.phoenixcontact.com/sg/products/0810834>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive even numbers 2 ... 20, 22 ... 40, etc. up to 82 ... 100, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

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ZBF 6,LGS:UNGERADE ZAHLEN - Zack Marker strip, flat

0810876

<https://www.phoenixcontact.com/sg/products/0810876>



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

FC 4-PCB/10 - Connector

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PCB header, 10-pos.



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C-RCI 1,5/M4 - Ring cable lug

3240018

<https://www.phoenixcontact.com/sg/products/3240018>



Ring cable lug, red, 0.5 ... 1.5 mm², M4

C-RCI 2,5/M4 - Ring cable lug

3240023

<https://www.phoenixcontact.com/sg/products/3240023>



Ring cable lug, blue, 1.5 ... 2.5 mm², M4

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C-RCI 6/M4 - Ring cable lug

3240027

<https://www.phoenixcontact.com/sg/products/3240027>

Ring cable lug, yellow, 4 ... 6 mm², M4



C-RCEI 1,5/M4 - Ring cable lug

3241203

<https://www.phoenixcontact.com/sg/products/3241203>

Ring cable lug, red, 0.5 ... 1.5 mm², M4, with copper sleeve incorporated, for insulation crimp



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C-RCEI 2,5/M4 - Ring cable lug

3241207

<https://www.phoenixcontact.com/sg/products/3241207>



Ring cable lug, blue, 1.5 ... 2.5 mm², M4, with copper sleeve incorporated, for insulation crimp

SZS 0,8X4,0 VDE - Screwdriver

1212508

<https://www.phoenixcontact.com/sg/products/1212508>



Screwdriver, slot-headed, VDE insulated, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

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