

Test terminal strip - PTRE 6-2/7 - 3069852

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Test terminal strip, Connection method: Push-in connection, Number of connections: 14, Number of positions: 7, Cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, Width: 89.7 mm, Height: 56.5 mm, Color: gray, Mounting type: DIN rail mounting

The illustration shows the 15-position product version

Why buy this product

- ✓ Cost-effective, thanks to the tailored, modular design and use of standardized CLIPLINE complete accessories
- ✓ Space saving, thanks to compact, modular test terminal strips
- ✓ The integrated, robust switch contact is designed for the most stringent demands, and the use of high-quality materials ensures the transmission of signal currents, even after multiple actuations
- ✓ Maximum safety with leading and automatic transformer short circuit

RoHS

Key Commercial Data

Packing unit	1
GTIN	 4 055626 064864
GTIN	4055626064864
Custom tariff number	85369010

Technical data

General

Number of positions	7
Number of levels	1
Number of connections	14
Potentials	7
Nominal cross section	6 mm ²
Color	gray

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Technical data

General

Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	4 kV
Test surge voltage	5 kV
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.31 W
Maximum load current	30 A (with 6 mm ² conductor cross section)
Current I _{th}	24 A
Nominal voltage U _N	400 V AC/DC
Open side panel	No
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
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
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
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

Dimensions

Width	89.7 mm
Length	99.7 mm
Height	56.5 mm
Height NS 35/7,5	61.8 mm
Height NS 35/15	69.3 mm
Pitch	8.2 mm

Connection data

Connection method	Push-in connection
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Technical data

Connection data

Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	6 mm ²
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
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
Stripping length	12 mm
Internal cylindrical gage	A5

Assembly

Mounting type	DIN rail mounting
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Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Drawings

Circuit diagram



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Classifications

eCl@ss

eCl@ss 5.1	27141120
eCl@ss 6.0	27141141
eCl@ss 8.0	27141148
eCl@ss 9.0	27141148

ETIM

ETIM 4.0	EC000902
ETIM 5.0	EC002555
ETIM 6.0	EC002555

UNSPSC

UNSPSC 13.2	20122006
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Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / CSA / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		D	
mm ² /AWG/kcmil		20-8	
Nominal current I _N		10 A	
Nominal voltage U _N		300 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		D	
mm ² /AWG/kcmil		20-8	

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Approvals

	D
Nominal current I _N	10 A
Nominal voltage U _N	300 V

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	013631
	D		
mm ² /AWG/kcmil	20-8		
Nominal current I _N	10 A		
Nominal voltage U _N	300 V		

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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Accessories

Accessories

Blind plug

Dummy plug - FBP-2/7 - 3069878



Dummy plug, Pitch: 8.2 mm, Length: 89.7 mm, Width: 73.4 mm, Number of positions: 7, Color: gray

Coding element

Coding profile - PC-UTWE-TRI - 3069897



Coding profile, For UTWE 6-2 and UTRE 6-2 block, design: delta, Length: 44.7 mm, Width: 10.7 mm, Height: 4.3 mm, Color: red

Cover profile

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Accessories

Cover profile - AP-ME METER - 3034361



Cover profile, for covering terminal strips, snapped onto APT-ME cover profile carrier or APH-ME end bracket. A cover profile carrier should be positioned at the ends and at intervals of around 40 cm. Length supplied: 1 m

Cover profile carrier

Cover profile carrier - APH-ME - 3034374



Cover profile carrier, for mounting on NS 35/7,5 DIN rail, for fixing the AP-ME cover profile, can be sealed as an option

Cover profile carrier - APT-ME - 3034358



Cover profile carrier for mounting on NS 35/7.5 DIN rail for attaching the cover profile AP-ME

Documentation

Mounting material - PT-IL - 3208090



Operating decal for the push-in Technology

Jumper

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Accessories

Plug-in bridge - FBS 2-8 - 3030284



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 14.7 mm, Number of positions: 2, Color: red

Plug-in bridge - FBS 3-8 - 3030297



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 22.9 mm, Number of positions: 3, Color: red

Plug-in bridge - FBS 4-8 - 3030307



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 31.1 mm, Number of positions: 4, Color: red

Plug-in bridge - FBS 5-8 - 3030310



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 39.3 mm, Number of positions: 5, Color: red

Plug-in bridge - FBS 6-8 - 3032470



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 47.5 mm, Number of positions: 6, Color: red

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Accessories

Plug-in bridge - FBS 10-8 - 3030323



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 80.3 mm, Number of positions: 10, Color: red

Plug-in bridge - FBSR 16-8 - 3033816



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 16, Color: red

Plug-in bridge - FBS 1/3-8 - 3032363



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 3, Pin assignment: 1,3, Color: red

Plug-in bridge - FBS 1/4-8 - 3032376



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 4, Pin assignment: 1, 4, Color: red

Plug-in bridge - FBS 1/3/5-8 - 3032389



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 5, Pin assignment: 1,3,5, Color: red

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Accessories

Plug-in bridge - FBS 1/4/7/10-8 - 3032402



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 10, Pin assignment: 1,4,7,10, Color: red

Plug-in bridge - FBS 2-8 CT - 3033830



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 14.7 mm, Number of positions: 2, Color: orange

Plug-in bridge - FBS 3-8 CT - 3033831



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 3, Color: orange

Plug-in bridge - FBS 4-8 CT - 3033832



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 4, Color: orange

Plug-in bridge - FBS 10-8 CT - 3033833



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 10, Color: orange

Labeled terminal marker

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Accessories

Zack marker strip - ZB 8 CUS - 0825011



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

Marker for terminal blocks - UC-TM 8 CUS - 0824597



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

Marker for terminal blocks - UCT-TM 8 CUS - 0829616



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

Zack marker strip - ZB 8,LGS:FORTL.ZAHLEN - 1052015



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

Zack marker strip - ZB 8,QR:FORTL.ZAHLEN - 1052028



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

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Accessories

Marker for terminal blocks - ZB 8,LGS:L1-N,PE - 1052413



Marker for terminal blocks. Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

Screwdriver tools

Screwdriver - SZF 2-0,8X4,0 - 1204520



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

Zack marker strip - ZB 8:UNBEDRUCKT - 1052002



Zack marker strip. Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

Marker for terminal blocks - UC-TM 8 - 0818072



Marker for terminal blocks. Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

Marker for terminal blocks - UCT-TM 8 - 0828740



Marker for terminal blocks. Sheet, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

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Accessories

Marker for terminal blocks - TMT (EX9,5)R - 0828295



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, Mounting type: Snap into universal marker groove, Snap into tall marker groove, Lettering field: 9.5 x 50000 mm

Marker for terminal blocks - US-TM 100 - 0829255



Marker for terminal blocks, Card, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, Mounting type: Snap into universal marker groove, Lettering field: 104 x 9.8 mm

Test plug terminal block

Test plug - FTPR-2/7 - 3001685



Test plug, Freely configurable, with twist grip, Number of positions: 7, Width: 89.7 mm, Color: gray

Test plug - FTP-2/7 - 3001709



Test plug, freely configurable, Number of positions: 7, Width: 89.7 mm, Color: gray

Test socket

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Accessories

Test adapter - PAI-4-N GY - 3032871



4 mm test adapter, for terminal blocks with 5.2 mm, 6.2 mm and 8.2 mm pitch

Test adapter - PAI-4-FIX BU - 3032729



4 mm test adapter, for terminal blocks with 8.2 mm pitch

Test adapter - PAI-4-FIX OG - 3034455



4 mm test adapter, for terminal blocks with 8.2 mm pitch

Test adapter - PAI-4-FIX YE - 3032745



4 mm test adapter, for terminal blocks with 8.2 mm pitch

Test adapter - PAI-4-FIX RD - 3032732



4 mm test adapter, for terminal blocks with 8.2 mm pitch

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Accessories

Test adapter - PAI-4-FIX GN - 3032758



4 mm test adapter, for terminal blocks with 8.2 mm pitch

Test adapter - PAI-4-FIX BK - 3032774



4 mm test adapter, for terminal blocks with 8.2 mm pitch

Test adapter - PAI-4-FIX GY - 3032790



4 mm test adapter, for terminal blocks with 8.2 mm pitch

Test adapter - PAI-4-FIX VT - 3032761



4 mm test adapter, for terminal blocks with 8.2 mm pitch

Test adapter - PAI-4-FIX BN - 3032787



4 mm test adapter, for terminal blocks with 8.2 mm pitch

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Accessories

Test adapter - PAI-4-FIX WH - 3032797



4 mm test adapter, for terminal blocks with 8.2 mm pitch

Test adapter - PAIS-4-FIX GY - 3032791



Test adapter, Color: gray

Test adapter - PAIS-4-FIX BK - 3032792



Test adapter, Color: black

Test adapter - PAIS-4-FIX RD - 3032793



Test adapter, Color: red

Test adapter - PAIS-4-FIX BU - 3032798



Test adapter, Color: blue

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Accessories

Test adapter - PAIS-4-FIX YE - 3032799



Test adapter, Color: yellow

Test adapter - PAIS-4-FIX GN - 3032801



Test adapter, Color: green

Test adapter - PAIS-4-FIX VT - 3032802



Test adapter, Color: violet

Female test connector - PSBJ-URTK 6 FARBLOS - 3026450



Female test connector, Color: transparent

Female test connector - PSBJ-URTK 6 RD - 3026719



Female test connector, Color: red

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Accessories

Female test connector - PSBJ-URTK 6 BU - 3026434



Female test connector, Color: blue

Female test connector - PSBJ-URTK 6 YE - 3026405



Female test connector, Color: yellow

Female test connector - PSBJ-URTK 6 GN - 3026418



Female test connector, Color: green

Female test connector - PSBJ-URTK 6 VT - 3026421



Female test connector, Color: violet

Female test connector - PSBJ-URTK 6 GY - 3026612



Female test connector, Color: gray

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Accessories

Female test connector - PSBJ-URTK 6 BK - 3026447



Female test connector, Color: black

Female test connector - PSBJ-URTK 6 BN - 3026971



Female test connector, Color: brown

Female test connector - PSBJ-URTK 6 WH - 3026448



Female test connector, Color: white
