

Test terminal strip - UTWE 6/9+1 - 1029711

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Test terminal strip, nom. voltage: 400 V, nominal current: 24 A, connection method: Screw connection, number of connections: 20, number of positions: 10, cross section: 0.2 mm² - 10 mm², AWG: 24 - 8, width: 115 mm, height: 81 mm, color: gray, mounting type: Wall mounting


The figure shows version

Your advantages

- ✓ 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
- ✓ The automatically generated transformer short circuit and the shock-proof design ensure the highest degree of safety during measurement



Key Commercial Data

Packing unit	5 pc
Minimum order quantity	5 pc
GTIN	 4 055626 531533
GTIN	4055626531533
Weight per Piece (excluding packing)	374.660 g
Custom tariff number	85369010
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

General

Number of positions	10
Number of levels	1
Number of connections	20
Potentials	10
Nominal cross section	6 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0

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Technical data

General

Maximum load current	30 A
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 10 mm ² conductor cross section)
Nominal current I _N	24 A
Nominal voltage U _N	400 V
Open side panel	No
Terminal block mounting	0.8 Nm ... 1 Nm
Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)
Moisture, minimum (storage/transport)	30 %
Moisture, maximum (storage/transport)	70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

Dimensions

Width	115 mm
Height	81 mm
Plate thickness	1 mm ... 4 mm
Pitch	8.2 mm

Connection data

Connection	1 level
Connection method	Screw connection
Screw thread	M4
Stripping length	10 mm
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	10 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²

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Technical data

Connection data

Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	2.5 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.5 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	2.5 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.25 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	1.5 mm ²
Internal cylindrical gage	A5

Mounting

Mounting type	Wall mounting
Plate thickness	1 mm ... 4 mm
Min. tightening torque of the mounting screw:	0.8 Nm
Max. tightening torque of the mounting screw:	1 Nm

Standards and Regulations

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

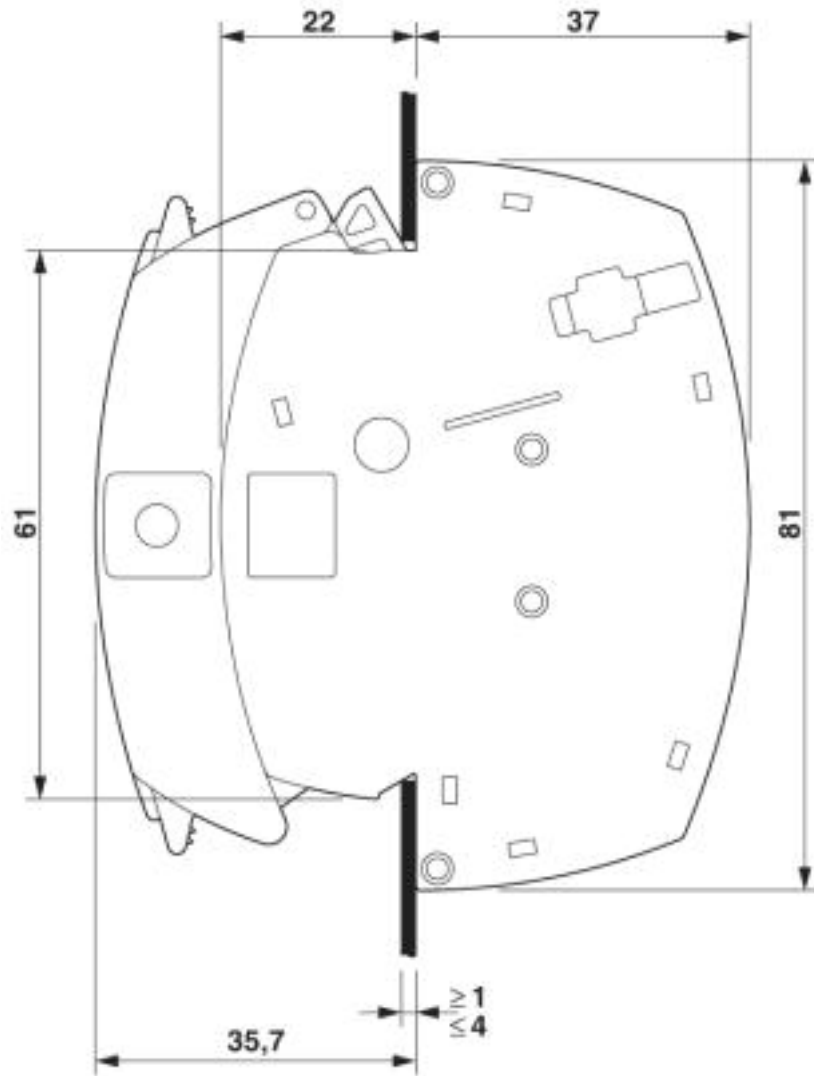
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Drawings

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Dimensional drawing



Circuit diagram



Classifications

eCl@ss

eCl@ss 10.0.1	27141148
eCl@ss 4.0	27141118

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Classifications

eCl@ss

eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141148
eCl@ss 8.0	27141148
eCl@ss 9.0	27141148

ETIM

ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC002555
ETIM 6.0	EC002555
ETIM 7.0	EC002555

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	20122006
UNSPSC 18.0	20122006
UNSPSC 19.0	20122006
UNSPSC 20.0	20122006
UNSPSC 21.0	20122006

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Approval details

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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		D	
Nominal voltage UN	300 V		
Nominal current IN	10 A		
mm ² /AWG/kcmil	24-8		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
		D	
Nominal voltage UN	300 V		
Nominal current IN	10 A		
mm ² /AWG/kcmil	24-8		

EAC		RU C- DE.AI30.B.01102
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EAC		RU C- DE.BL08.B.00682
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cULus Recognized	
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Accessories

Accessories

Blind plug

Dummy plug - FBP 9+1 - 1029718



Dummy plug, color: orange

Cover profile

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Accessories

Cover profile - AP RSC-T - 3059139



Cover profile, for covering terminal strips, directly snapped onto RBO... and RSC... test disconnect terminal blocks.
Length supplied: 1 m

Cover profile carrier

Cover profile carrier - APH-UTWE 6 - 3069056



Cover profile carrier, width: 8.15 mm, height: 58.6 mm, material: PA, length: 80.9 mm, color: gray

End block

End clamp - E-UTWE 6 - 3069055



End clamp, width: 8.2 mm, height: 64 mm, material: PA, length: 80.8 mm, color: gray

Jumper

Plug-in bridge - FBS 2-8 - 3030284



Plug-in bridge, pitch: 8.2 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, width: 22.9 mm, number of positions: 3, color: red

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Accessories

Plug-in bridge - FBS 4-8 - 3030307



Plug-in bridge, pitch: 8.2 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, width: 39.3 mm, number of positions: 5, color: red

Plug-in bridge - FBS 10-8 - 3030323



Plug-in bridge, pitch: 8.2 mm, width: 80.3 mm, number of positions: 10, color: red

Plug-in bridge - FBS 6-8 - 3032470



Plug-in bridge, pitch: 8.2 mm, width: 47.5 mm, number of positions: 6, color: red

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



Plug-in bridge, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, pin assignment: 1,3, color: red

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Accessories

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



Plug-in bridge, pitch: 8.2 mm, width: 31.1 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, width: 39.3 mm, number of positions: 5, pin assignment: 1,3,5, color: red

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



Plug-in bridge, pitch: 8.2 mm, width: 80.3 mm, number of positions: 10, pin assignment: 1,4,7,10, color: red

Plug-in bridge - FBS 1/5-8 - 3032381



Plug-in bridge, pitch: 8.2 mm, width: 39.3 mm, number of positions: 5, pin assignment: 1,5, color: red

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



Plug-in bridge, pitch: 8.2 mm, width: 14.7 mm, number of positions: 2, color: orange

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Accessories

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



Plug-in bridge, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, color: orange

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



Plug-in bridge, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, color: orange

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



Plug-in bridge, pitch: 8.2 mm, width: 80.3 mm, number of positions: 10, color: orange

Plug-in bridge - FBS 2-8 BU - 3032567



Plug-in bridge, pitch: 8.2 mm, width: 14.7 mm, number of positions: 2, color: blue

Plug-in bridge - FBS 3-8 BU - 3032570



Plug-in bridge, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, color: blue

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Accessories

Plug-in bridge - FBS 4-8 BU - 3032583



Plug-in bridge, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, color: blue

Plug-in bridge - FBS 5-8 BU - 3032596



Plug-in bridge, pitch: 8.2 mm, width: 39.3 mm, number of positions: 5, color: blue

Plug-in bridge - FBS 6-8 BU - 3032677



Plug-in bridge, pitch: 8.2 mm, width: 47.5 mm, number of positions: 6, color: blue

Plug-in bridge - FBS 10-8 BU - 3032606



Plug-in bridge, pitch: 8.2 mm, width: 80.3 mm, number of positions: 10, color: blue

Labeled terminal marker

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 size: 10.5 x 8.15 mm, Number of individual labels: 10

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Accessories

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 size: 7.6 x 10.5 mm, Number of individual labels: 56

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 size: 7.6 x 10.5 mm, Number of individual labels: 42

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 91 ... 100, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

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 size: 10.5 x 8.15 mm, Number of individual labels: 10

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 size: 10.5 x 8.15 mm, Number of individual labels: 10

Plug

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Accessories

Power plug - FWP 9+1 - 1029715



Power plug, nom. voltage: 400 V, nominal current: 24 A, number of positions: 10, color: gray

Screwdriver tools

Screwdriver - SF-SL 0,8X4,0-100 - 1212551



Screwdriver, bladed (lasered), size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

Screwdriver - SF-SL 0,8X4,0-100 S-VDE - 1212588



Actuation tool, for ST terminal blocks, VDE insulated, with slimmer insulation integrated in the blade, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

Short-circuit connector

Short-circuit connector - FBSRH 2-8 - 3033802



Short-circuit connector, pitch: 8.2 mm, width: 14.7 mm, number of positions: 2, color: red

Short-circuit connector - FBSRH 3-8 - 3033803



Short-circuit connector, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, color: red

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Accessories

Short-circuit connector - FBSRH 4-8 - 3033804



Short-circuit connector, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, color: red

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 size: 10.5 x 8.15 mm, Number of individual labels: 10

Marker for terminal blocks - UC-TM 8 - 0818072



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 56

Marker for terminal blocks - UCT-TM 8 - 0828740



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: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 42

Test plug terminal block

Test plug - FTP 9+1 - 1029706



Test plug, number of positions: 10, connection method: Screw connection, color: gray

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Accessories

Test plug - FTPC 9+1 - 3069265



Test plug, nom. voltage: 400 V, nominal current: 24 A, connection method: Screw connection, number of positions: 10, color: gray

Test socket

Test adapter - PAI-4-FIX BU - 3032729



Test adapter, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: blue

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



Test adapter, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: yellow

Test adapter - PAI-4-FIX RD - 3032732



Test adapter, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: red

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Accessories

Test adapter - PAI-4-FIX GN - 3032758



Test adapter, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: green

Test adapter - PAI-4-FIX BK - 3032774



Test adapter, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: black

Test adapter - PAI-4-FIX GY - 3032790



Test adapter, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: gray

Test adapter - PAI-4-FIX VT - 3032761



Test adapter, for 4 mm test plug and terminal blocks with 4.2 mm ... 8.2 mm pitch, color: violet

Test adapter - PAI-4-FIX BN - 3032787



Test adapter, for 4 mm test plug and terminal blocks with 8.2 mm pitch, color: brown

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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, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: gray

Test adapter - PAIS-4-FIX BK - 3032792



Test adapter, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: black

Test adapter - PAIS-4-FIX RD - 3032793



Test adapter, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: red

Test adapter - PAIS-4-FIX BU - 3032798



Test adapter, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: blue

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Accessories

Test adapter - PAIS-4-FIX YE - 3032799



Test adapter, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: yellow

Test adapter - PAIS-4-FIX GN - 3032801



Test adapter, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: green

Test adapter - PAIS-4-FIX VT - 3032802



Test adapter, for 4 mm test plug and terminal blocks with 5.2 mm, 6.2 mm, and 8.2 mm pitch, color: violet
