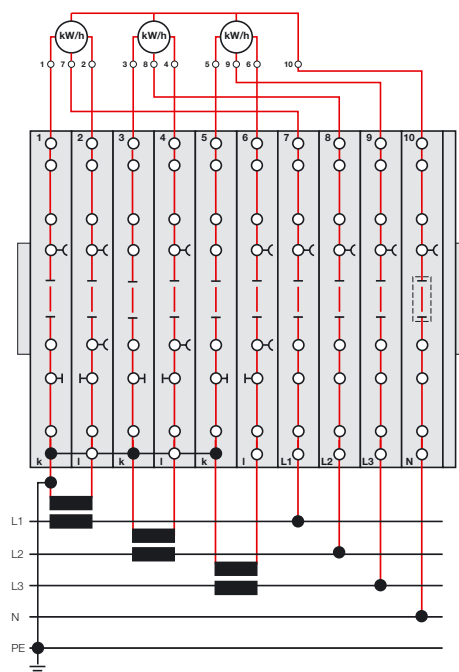
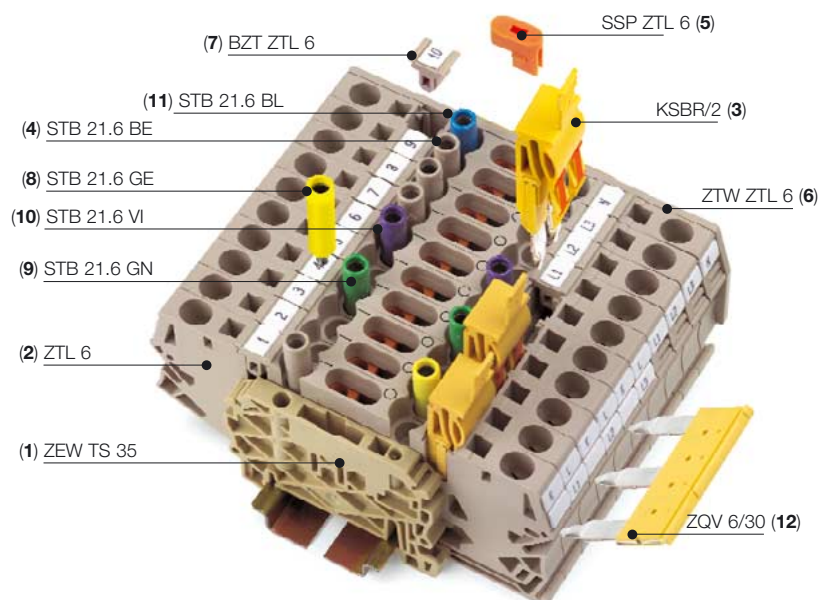
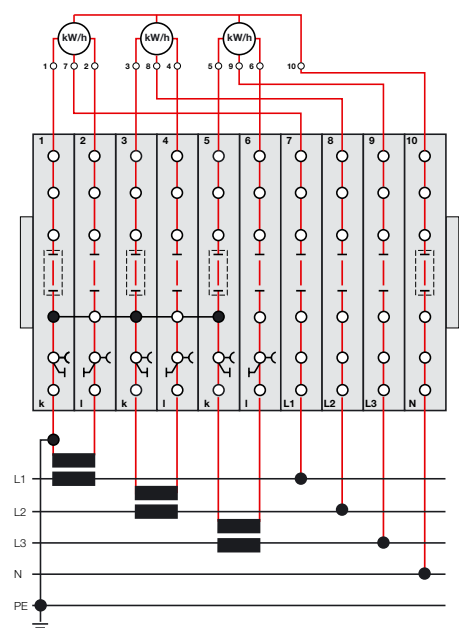
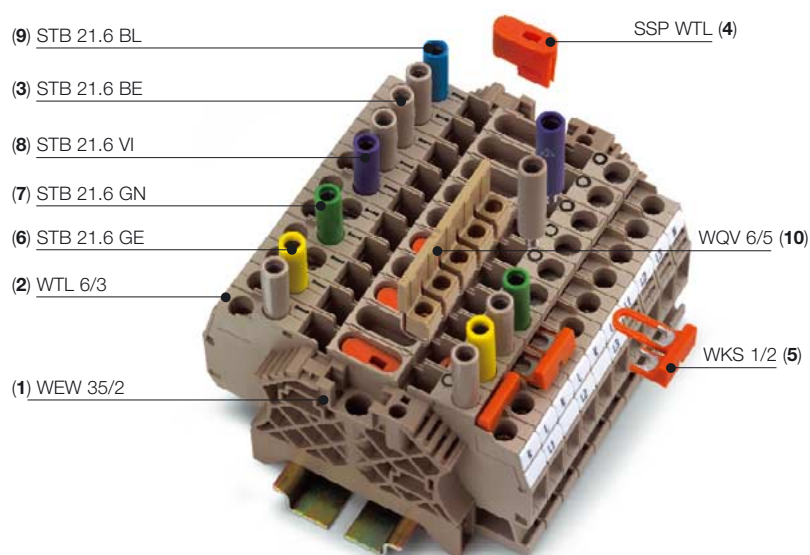


Feed-through-terminals for power supply

Disconnect test terminal block for counter reading with ZTL 6



Disconnect test terminal block for counter reading with WTL 6/3



Feed-through-terminal blocks for power supply

Pos.	Type	Cat. No.	Pcs.
1	ZEW TS 35	9540000000 (only TS 35)	2
1	EWK1	0206160000 (only TS 32)	2
2	ZTL 6	1771800000	10
3	KSBR/2	1771820000	3
4	STB 21.6 BE	1071000000	11
5	SSP ZTL 6	1771860000	1
6	ZTW ZTL 6	1771870000	1
7	BZT ZTL 6	1781140000	4

Optional for a better marking
(instead of 11 x Pos. 5):

Pos.	Type	Cat. No.	Pcs.
5	STB 21.6 BE	1071000000	4
8	STB 21.6 GE	1071010000	2
9	STB 21.6 GN	1071020000	2
10	STB 21.6 VI	1071030000	2
11	STB 21.6 BL	1071080000	1

Optional for a common internal K-point:

Pos.	Type	Cat. No.	Pcs.
12	ZQV 6/30*	1733640000	1

* shorten to 5 poles

Terminals for power stations

Power station technology is safety technology – not only in nuclear power stations. All energy suppliers demand high standards of reliability, fault tolerance and the functionality of all power station components.

Weidmüller terminals exceed by far all technical requirements. In addition, a wide range of accessories is available.

Terminals for measurement technology

Measurement converter circuits require a high standard of lateral and cross-disconnect terminals, test points and cross-connections.

Being the leading supplier of terminal blocks, Weidmüller has developed special disconnect test terminals for power station applications in close co-operation with operators. These terminals permit the optimum realisation of all important circuits for the measurement of current, voltage and power.

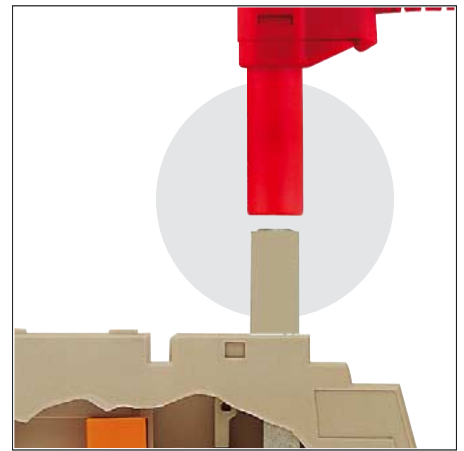
Current transformer circuits must always have closed a secondary current circuit. The same applies to the exchange of information from measuring instruments or electricity meters and when carrying out reference measurements with external measuring instruments.

Practically every type of wiring solution can be solved with the longitudinal disconnect terminal WTL 6/1/STB, the feed-through terminal WTD 6/1 and with the help of the functionally designed accessories.

All circuits found in practice can be realised with WTL 6/3 terminals and only a few accessory parts.

The cross-connection slides are designed to be safe from finger-contact. The installation of two additional short-circuit bridges for the K-point distribution is possible. These are standard cross-connections, WQV 6/..., of the W-series that enable individual terminals to be skipped.

Due to the specially designed test sockets, either conventional test plugs or commercially available safety test plugs can be used.



Test point safe from finger-contact according to VGB 4 for WTL 6/3

Another prime feature of WTL 6/3/STB: All screws, also those of the test sockets, can be operated with the same screwdriver.

The ZTL 6 terminal with tension-clamp technology combines the advantages - which have been proven billions of times - of the Weidmüller screw connection with high efficiency by reducing the time required for wiring. What is more, the ZTL 6 is functioning according to the proven principle of sliding longitudinal disconnect slide links of our successful current-transformer disconnect test terminals of the W- and SAK-series. Weidmüller's longitudinal disconnect terminals slide over the current bar - without wearing out the material. Even after frequent usage no stress marks are visible. This helps to keep low-resistance reproducible, even in aggressive industrial surroundings.

Pos.	Type	Cat. No.	Cat. No.	Pcs.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTL 6/3	1018800000	1018900000	10
3	STB 21.6 BE	1071000000	1071000000	14
4	SSP WTL	1604200000	1604200000	4
5	WKS 1/2	1604270000	1604270000	3

Optional for a better marking for WTL 6/3
(instead of 14 x pos. 3):

Pos.	Type	Cat. No.	Cat. No.	Pcs.
3	STB 21.6 BE	1071000000	1071000000	7
6	STB 21.6 GE	1071010000	1071010000	2
7	STB 21.6 GN	1071020000	1071020000	2
8	STB 21.6 VI	1071030000	1071030000	2
9	STB 21.6 BL	1071080000	1071080000	1

Optional for a common internal K point:

Pos.	Type	Cat. No.	Cat. No.	Pcs.
10	WQV 6/5	1062660000	1062660000	1

Disconnect test terminals



Max. technical data

Dimensions/approvals	
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/terminal screw/screwdriver blade	

Rated data VDE 0611 Part 1/8.92/IEC 60947-7-1	
Rated voltage/current/cross-section	500 V ²⁾ /32 A/4 mm ²
Rated impulse voltage VDE 0110/pollution severity	6 kV/3
Further technical data	
Tightening torque load	Nm 0.4...0.7
Torque setting with DMS 2 electric screwdriver	1
Clampable conductor	
Solid H07V-U	mm ² 0.5...6
Stranded H07V-R	mm ² 1.5...4
Flexible H07V-K	mm ² 0.5...4
Flexible H07V-K with ferrule according to DIN 46 228/1	mm ² 0.5...4
Flexible H07V-K and AEH with plastic insul. collar	mm ² 0.5...4
Max. clamping range mm ² /gauge pin to IEC 60 947-7-1	Size 0.5...6 A 3
Continuous rating of cross-connection 2...5-pole	A (QL 2...5) 32
Continuous rating of cross-connection 6...10-pole	A (QL 6...10) 32

UL/CSA rated data	
Voltage/current/conductor size	UL 300 V/28 A/26...10 AWG
Voltage/current/conductor size	CSA 300 V/28 A/26...10 AWG

Ordering data	Version
With socket Ø4 mm	Wemid
Without socket	Wemid

End plate/partition	Version
	Thickness 1.5 mm
	Thickness 4 mm

Small partition	
	TSch 2

Cross-connections	
QL	WQV
2-pole	WQV 4/2
3-pole	WQV 4/3
4-pole	WQV 4/4
5-pole	WQV 4/5
10-pole	WQV 4/10

QVS	QVSK 2
WKS	
WKB	QS2
	VH

Socket	
Socket type StB 25 accepts test plug PS 4 in type WTL 6/1 disconnect terminals or type QS cross-connection plugs.	
The type StB 35 is used for simultaneous testing with inserted cross-connection slides (QVS). Instead of socket STB 21.6, screw SC M 3 x 8 can be used for WTL 6/3, if no socket is required.	

Disconnect lock	
-----------------	--

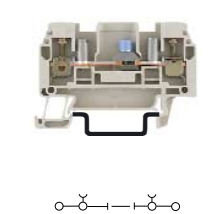
	prevents undesired opening of the disconnect slide link
--	---

Test plug	
-----------	--

Marking tags	
--------------	--

	DEK	Standard
	WS white	neutral
	WS	indiv. printed

WTL 4/STB



32 A/6 mm ²	9A
6/62/40	
10 mm/M 2.5/3.5 x 0.6	

500 V ²⁾ /32 A/4 mm ²	
6 kV/3	
Tightening torque load	Nm 0.4...0.7
Torque setting with DMS 2 electric screwdriver	1
Clampable conductor	
Solid H07V-U	mm ² 0.5...6
Stranded H07V-R	mm ² 1.5...4
Flexible H07V-K	mm ² 0.5...4
Flexible H07V-K with ferrule according to DIN 46 228/1	mm ² 0.5...4
Flexible H07V-K and AEH with plastic insul. collar	mm ² 0.5...4
Max. clamping range mm ² /gauge pin to IEC 60 947-7-1	Size 0.5...6 A 3
Continuous rating of cross-connection 2...5-pole	A (QL 2...5) 32
Continuous rating of cross-connection 6...10-pole	A (QL 6...10) 32

UL 300 V/28 A/26...10 AWG	
CSA 300 V/28 A/26...10 AWG	

Ordering data	Version
With socket Ø4 mm	Wemid
Without socket	Wemid

End plate/partition	Version
	Thickness 1.5 mm
	Thickness 4 mm

Small partition	
	TSch 2

QL	WQV
2-pole	WQV 4/2
3-pole	WQV 4/3
4-pole	WQV 4/4
5-pole	WQV 4/5
10-pole	WQV 4/10

QVS	QVSK 2
WKS	
WKB	QS2
	VH

Socket	
Socket type StB 25 accepts test plug PS 4 in type WTL 6/1 disconnect terminals or type QS cross-connection plugs.	
The type StB 35 is used for simultaneous testing with inserted cross-connection slides (QVS). Instead of socket STB 21.6, screw SC M 3 x 8 can be used for WTL 6/3, if no socket is required.	

Disconnect lock	
-----------------	--

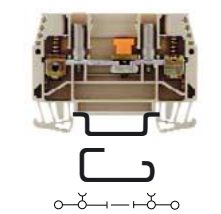
	prevents undesired opening of the disconnect slide link
--	---

Test plug	
-----------	--

Marking tags	
--------------	--

	DEK	Standard
	WS white	neutral
	WS	indiv. printed

WTL 6/1/STB



57 A/10 mm ²	9A
8/65/48.2	
12 mm/M 3.5/3.1/4.0 x 0.8	

800 V ²⁾ /41 A/6 mm ²	
6 kV/3	
Tightening torque load	Nm 0.8...1.6/0.5...0.8 ¹⁾
Torque setting with DMS 2 electric screwdriver	3
Clampable conductor	
Solid H07V-U	mm ² 0.5...10
Stranded H07V-R	mm ² 1.5...10
Flexible H07V-K	mm ² 0.5...10
Flexible H07V-K with ferrule according to DIN 46 228/1	mm ² 0.5...6
Flexible H07V-K and AEH with plastic insul. collar	mm ² 0.5...6
Max. clamping range mm ² /gauge pin to IEC 60 947-7-1	Size 0.5...10 A 5
Continuous rating of cross-connection 2...5-pole	A (QL 2...5) 47
Continuous rating of cross-connection 6...10-pole	A (QL 6...10) 36

UL 300 V/45 A/20...8 AWG	
CSA 300 V/45 A/20...8 AWG	

Ordering data	Version
With socket Ø4 mm	Wemid
Without socket	Wemid

End plate/partition	Version
	Thickness 1.5 mm
	Thickness 4 mm

Small partition	
	TSch 2

QL	WQV
2-pole	WQV 4/2
3-pole	WQV 4/3
4-pole	WQV 4/4
5-pole	WQV 4/5
10-pole	WQV 4/10

QVS	QVSK 2
WKS	
WKB	QS2
	VH

Socket	
Socket type StB 25 accepts test plug PS 4 in type WTL 6/1 disconnect terminals or type QS cross-connection plugs.	
The type StB 35 is used for simultaneous testing with inserted cross-connection slides (QVS). Instead of socket STB 21.6, screw SC M 3 x 8 can be used for WTL 6/3, if no socket is required.	

Disconnect lock	
-----------------	--

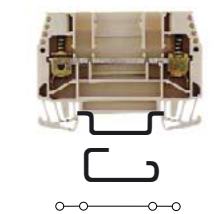
	prevents undesired opening of the disconnect slide link
--	---

Test plug	
-----------	--

Marking tags	
--------------	--

	DEK	Standard
	WS white	neutral
	WS	indiv. printed

WTD 6/1



57 A/10 mm ²	9A
8/65/48.2	
12 mm/M 3.5/3.1/4.0 x 0.8	

800 V ²⁾ /41 A/6 mm ²	
6 kV/3	
Tightening torque load	Nm 0.8...1.6/0.5...0.8 ¹⁾
Torque setting with DMS 2 electric screwdriver	3
Clampable conductor	
Solid H07V-U	mm ² 0.5...10
Stranded H07V-R	mm ² 1.5...10
Flexible H07V-K	mm ² 0.5...10
Flexible H07V-K with ferrule according to DIN 46 228/1	mm ² 0.5...6
Flexible H07V-K and AEH with plastic insul. collar	mm ² 0.5...6
Max. clamping range mm ² /gauge pin to IEC 60 947-7-1	Size 0.5...10 A 5
Continuous rating of cross-connection 2...5-pole	A (QL 2...5) 47
Continuous rating of cross-connection 6...10-pole	A (QL 6...10) 36

UL 300 V/45 A/20...8 AWG	
CSA 300 V/45 A/20...8 AWG	

Ordering data	Version
With socket Ø4 mm	Wemid
Without socket	Wemid

End plate/partition	Version
	Thickness 1.5 mm
	Thickness 4 mm

Small partition	
	TSch 2

QL	WQV
2-pole	WQV 4/2
3-pole	WQV 4/3
4-pole	WQV 4/4
5-pole	WQV 4/5
10-pole	WQV 4/10

QVS	QVSK 2
WKS	
WKB	QS2
	VH

Socket	
Socket type StB 25 accepts test plug PS 4 in type WTL 6/1 disconnect terminals or type QS cross-connection plugs.	
The type StB 35 is used for simultaneous testing with inserted cross-connection slides (QVS). Instead of socket STB 21.6, screw SC M 3 x 8 can be used for WTL 6/3, if no socket is required.	

Disconnect lock	
-----------------	--

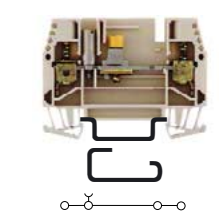
	prevents undesired opening of the disconnect slide link
--	---

Test plug	
-----------	--

Marking tags	
--------------	--

	DEK	Standard
	WS white	neutral
	WS	indiv. printed

WTD 6/1/STB



57 A/10 mm ²	9A
8/65/48.2	
12 mm/M 3.5/3.1/4.0 x 0.8	

800 V ²⁾ /41 A/6 mm ²	
6 kV/3	
Tightening torque load	Nm 0.8...1.6/0.5...0.8 ¹⁾
Torque setting with DMS 2 electric screwdriver	3
Clampable conductor	
Solid H07V-U	mm ² 0.5...10
Stranded H07V-R	mm ² 1.5...10
Flexible H07V-K	mm ² 0.5...10
Flexible H07V-K with ferrule according to DIN 46 228/1	mm ² 0.5...6
Flexible H07V-K and AEH with plastic insul. collar	mm ² 0.5...6
Max. clamping range mm ² /gauge pin to IEC 60 947-7-1	Size 0.5...10 A 5
Continuous rating of cross-connection 2...5-pole	A (QL 2...5) 47
Continuous rating of cross-connection 6...10-pole	A (QL 6...10) 36

UL 300 V/45 A/20...8 AWG	
CSA 300 V/45 A/20...8 AWG	

Ordering data	Version
With socket Ø4 mm	Wemid
Without socket	Wemid

End plate/partition	Version
	Thickness 1.5 mm
	Thickness 4 mm

Small partition	
	TSch 2

QL	WQV
2-pole	WQV 4/2
3-pole	WQV 4/3
4-pole	WQV 4/4
5-pole	WQV 4/5
10-pole	WQV 4/10

QVS	QVSK 2
WKS	
WKB	QS2
	VH

Socket	
Socket type StB 25 accepts test plug PS 4 in type WTL 6/1 disconnect terminals or type QS cross-connection plugs.	
The type StB 35 is used for simultaneous testing with inserted cross-connection slides (QVS). Instead of socket STB 21.6, screw SC M 3 x 8 can be used for WTL 6/3, if no socket is required.	

Disconnect lock	
-----------------	--

	prevents undesired opening of the disconnect slide link
--	---

Test plug	
-----------	--

Marking tags	
--------------	--

	DEK	Standard
	WS white	neutral
	WS	indiv. printed

¹⁾ for disconnect element
²⁾ 400 V when used as disconnect test terminal

Disconnect test terminals

WTL 6/2



57 A/10 mm²

8/87/61.8
~M 3.5/3¹⁾/4.0 x 0.8

500 V²⁾/41 A/6 mm²
6 kV/3

0.8...1.6/0.5...0.8¹⁾
3

0.5...10
1.5...10
0.5...10
0.5...6
0.5...6
0.5...10 A 5
63
63

300 V/45 A/20...8 AWG
300 V/45 A/20...8 AWG

Qty. Qty.
1017800000 50 1017700000 20

Type Cat. No. Qty.

WKS 1/2 1604270000 50
WKS 1/3 1604290000 50
WKS 1/4 1604310000 50

WQV 6/2 1052360000 50
WQV 6/3 1054760000 50
WQV 6/4 1054860000 50
WQV 6/5 1062660000 50
WQV 6/10 1052260000 20

SSP WTL 6/2 1604200000 100

PS 4 0299600000 20

DEK 8 section "Accessories"
WS 12/6.5 1609920000 540
WS 12/6.5 1609930000 108

WTL 6/3/STB



57 A/10 mm²

8/87/64.8 (mit STB)
~M 3.5/3¹⁾/4.0 x 0.8

500 V²⁾/41 A/6 mm²
6 kV/3

0.8...1.6/0.5...0.8¹⁾
3

0.5...10
1.5...10
0.5...10
0.5...6
0.5...6
0.5...10 A 5
63
63

300 V/45 A/20...8 AWG
300 V/45 A/20...8 AWG

Qty. Qty.
1018600000 50 1018800000 50
1018900000 50 1018800000 50

Type Cat. No. Qty.

WKS 1/2 1604270000 50
WKS 1/3 1604290000 50
WKS 1/4 1604310000 50

SC M 3 x 8 1801990000 50

WQV 6/2 1052360000 50
WQV 6/3 1054760000 50
WQV 6/4 1054860000 50
WQV 6/5 1062660000 50
WQV 6/10 1052260000 20

STB21.6/IH/GE1071010000 50
STB21.6/IH/GN1071020000 50
STB21.6/IH/VI1071030000 50
STB21.6/IH/BL1071080000 50
STB21.6/IH/DB1071000000 50
STB21.6/IH/SW1071040000 50
STB21.6/IH/RT 1778990000 50

SSP WTL 6/2 1604200000 100

PS 4 0299600000 20

DEK 8 section "Accessories"
WS 12/6.5 1609920000 540
WS 12/6.5 1609930000 108



Disconnect test terminals with tension-clamp technology

Max. technical data

Dimensions/approvals
Width/length/height (mm) with TS 35 x 7.5
Width/length/height (mm) with TS 32
Insulation stripping length/terminal screw/screwdriver blade

Rated data VDE 0611 Part 1/8.92/IEC 60947-7-1
Rated voltage/current/cross-section
Rated impulse voltage VDE 0110/1.89/pollution severity

Further technical data
Tightening torque load for disconnect slide link Nm

Clampable conductor
Solid H07V-U mm²
Flexible H07V-K mm²
Flexible H07V-K with ferrule according to DIN 46 228/1 mm²
Flexible H07V-K and AEH with plastic insul. collar mm²
Max. clamping range mm²/gauge pin to IEC 60 947-7-1 Size
Continuous voltage of cross-connection V
Continuous current of cross-connection A

UL/CSA rated data
Voltage/current/conductor size UL
Voltage/current/conductor size CSA

Ordering data
Without test socket screw Wemid
With 1 test socket screw Ø 4 mm Wemid
With 2 test socket screws Ø 4 mm Wemid

End plate/partition (thickness 2 mm)
Wemid BE
OR



Cross-connection
KsBR/2 10 A 2-pole
10 A 3-pole
10 A 4-pole

Screwdriver
insulated
SD 0.8x4.0 9008340000 1
SDI 0.8x4.0 9008400000 1

Test socket
Colour
STB 21.6 yellow
green
violet
blue
beige
black
red

Test socket type STB21, 6 accepts test plugs made by Multi-Contact GmbH, Postfach 1606, 79551 Weil am Rhein, Germany

Disconnect lock
SPP/ZTL 6

prevents undesired opening of the disconnect slide link

Test plug
PS 4

Marking tags
Print
Tag carrier¹⁾
DEK Standard
WS white neutral
WS indiv. printed



¹⁾ Pluggable tag carrier for additional marking tags over cross-connections channel
²⁾ 400 V when used as disconnect test terminal block

ZTL 6/STB



52 A/10mm²

8/106/47.5
8/106/55
13 mm/ - / -

800 V²⁾/41 A/6 mm²
8 kV/3

0.5...0.6

0.5...10
0.5...6
0.5...6
0.5...6
0.5...10 A5
63
10

300 V/33 A/20...8 AWG
300 V/33 A/20...8 AWG

Type Cat. No. Qty.
ZTL 6 1771800000 50

ZTL 6/STB 1771950000 50

Type Cat. No. Qty.
ZTW/ZTL 6 1771870000 20
ZTW/ZTL 6 1771880000 20

KsBR/2 ZTL6 1771820000 20
KsBR/3 ZTL6 1771830000 20
KsBR/4 ZTL6 1771840000 20

ZQV6/2 1627850000 60
ZQV6/3 1627860000 60
ZQV6/4 1627870000 60
ZQV6/30 1733640000 10

SD 0.8x4.0 9008340000 1
SDI 0.8x4.0 9008400000 1

STB21.6/IH/GE1071010000 50
STB21.6/IH/GN1071020000 50
STB21.6/IH/VI1071030000 50
STB21.6/IH/BL1071080000 50
STB21.6/IH/DB1071000000 50
STB21.6/IH/SW1071040000 50
STB21.6/IH/RT 1778990000 50

SPP/ZTL 6 1771860000 100

PS 4 0299600000 20

BZT ZTL 6 1781140000 20
DEK 8 section "Accessories"
WS 12/6.5 1609920000 540
WS 12/6.5 1609930000 108

ZTD 6



52 A/10mm²

8/106/47.5
8/106/55
13 mm/ - / -

800 V²⁾/41 A/6 mm²
8 kV/3

0.5...10
0.5...6
0.5...6
0.5...6
0.5...10 A5
63
10

300 V/33 A/20...8 AWG
300 V/33 A/20...8 AWG

Type Cat. No. Qty.
ZTD 6 1771810000 50
ZTD 6/STB 1771960000 50

Type Cat. No. Qty.
ZTW/ZTL 6 1771870000 20
ZTW/ZTL 6 1771880000 20

KsBR/2 ZTL6 1771820000 20
KsBR/3 ZTL6 1771830000 20
KsBR/4 ZTL6 1771840000 20

ZQV6/2 1627850000 60
ZQV6/3 1627860000 60
ZQV6/4 1627870000 60
ZQV6/30 1733640000 10

SD 0.8x4.0 9008340000 1
SDI 0.8x4.0 9008400000 1

STB21.6/IH/GE1071010000 50
STB21.6/IH/GN1071020000 50
STB21.6/IH/VI1071030000 50
STB21.6/IH/BL1071080000 50
STB21.6/IH/DB1071000000 50
STB21.6/IH/SW1071040000 50
STB21.6/IH/RT 1778990000 50

PS 4 0299600000 20

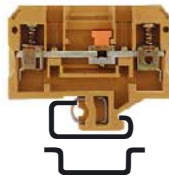
BZT ZTL 6 1781140000 20
DEK 8 section "Accessories"
WS 12/6.5 1609920000 540
WS 12/6.5 1609930000 108

Power supply

Disconnect test terminals



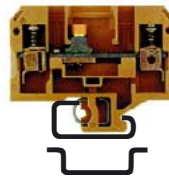
SAKT 1/LT SAKT 1/LT/35



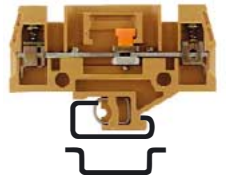
SAKT 1/DU 1 SAKT 1/35/DU 1



SAKT 1/QT 1 SAKT 1/35/QT 1



SAKT 2/LT SAKT 2/35/LT



Max. technical data

Dimensions/approvals	
Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/terminal screw/screwdriver blade	

Rated data VDE 0611 Part 1/8.92/IEC 60947-7-1

Rated voltage/current/cross-section	500 V ² /41 A/6 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	6 kV/3

Further technical data

Tightening torque load	Nm
Torque setting with DMS 2 electric screwdriver	3

Clampable conductor

Solid H07V-U	mm ²	0.5...10
Stranded H07V-R	mm ²	1.5...10
Flexible H07V-K	mm ²	0.5...6
Flexible H07V-K with ferrule according to DIN 46 228/1	mm ²	0.5...6
Plug gauge according to 60 947-7-1	Size	A 5
Continuous rating of cross-connection	2...5-pole	A
Continuous rating of cross-connection	6...10-pole	A

UL/CSA rated data

Voltage/current/conductor size	UL	300 V/25 A/26...8 AWG
Voltage/current/conductor size	CSA	300 V/25 A/26...8 AWG

Ordering data

Type	Qty.	Qty.
Without test socket screw	KrG	0269120000 50 0105420000 50
With open back wall for cross-connection	KrG	
With 4 test socket screws ø 4 mm ¹⁾	KrG	
With 2 test socket screws ø 4 mm	KrG	0437920000 50 0105620000 50
With 2 test socket screws ø 2.3 mm	KrG	
With 1 test socket screw ø 2.3 mm	KrG	
With 2 test socket screws ø 2.0 mm	KrG	
With 1 test socket screw ø 2.0 mm	KrG	

End plate/partition/small partition (thickness in mm)

Type	Cat. No.	Qty.
AP	KrG	AP (3.0) 0146720000 20
	KrG	TW (3.0) 0242920000 20
TSch 2	PA	AP (1.5) 0146760000 20
	PA	TW (1.5) 0242960000 20
	HP	TW (0.5) 0474700000 20
	TSch 2	0353660000 100

Cross-connections

QL 2	2-pole	QL 2 0194300000 50
QL 3	3-pole	QL 3 0194400000 50
QL 4	4-pole	QL 4 0194500000 50
	5-pole	QL 10 0338300000 20
	10-pole	BSM 3x20 Cu 0377100000 100
QVS	VH 12	0249000000 100
QVS 2	QVS 2	0307300000 20
WKS	QVSK 2	1670360000 20
WKB	QVS 3	0329300000 20
	QVS 4	0307400000 20
	BS 25 blank	0334700000 50
	VH 19	0318000000 50
	QS 2	0270960000 20

Switchable cross-connecting link

QB 2	0205700000 50
QB 3	0205800000 50
QB 4	0205900000 50
QB 10	0343800000 20

Disconnect lock

SSP 3	0531760000 100
-------	----------------

Socket

STB14	0169900000 50
-------	---------------

Marking tags

Print	Print
1 2 3 4 5 6	DEK Standard
DEK 6.5	section "Accessories"

57 A/10 mm²

8/65/52.5	8/65/48.5	12 mm/M 3.5/3 ¹⁾ /4.0 x 0.8
-----------	-----------	--

500 V²/41 A/6 mm²

6 kV/3	0.8...1.6/0.5...0.8 ³⁾	3
--------	-----------------------------------	---

0.8...1.6/0.5...0.8³⁾

0.8...1.6	0.8...1.2/0.5...0.8 ³⁾	3
-----------	-----------------------------------	---

0.8...1.6/0.5...0.8³⁾

0.5...10	1.5...10	0.5...6	0.5...6
----------	----------	---------	---------

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

57 A/10 mm²

8/65/52.5	8/65/48.5	12 mm/M 3.5/3 ¹⁾ /4.0 x 0.8
-----------	-----------	--

500 V²/41 A/6 mm²

6 kV/3	0.8...1.6	3
--------	-----------	---

0.8...1.6

0.8...1.6	0.8...1.2/0.5...0.8 ³⁾	3
-----------	-----------------------------------	---

0.8...1.6/0.5...0.8³⁾

0.5...10	1.5...10	0.5...6	0.5...6
----------	----------	---------	---------

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

57 A/10 mm²

8/65/52.5	8/65/48.5	12 mm/M 3.5/3 ¹⁾ /4.0 x 0.8
-----------	-----------	--

500 V²/41 A/6 mm²

6 kV/3	0.8...1.6	3
--------	-----------	---

0.8...1.6

0.8...1.6	0.8...1.2/0.5...0.8 ³⁾	3
-----------	-----------------------------------	---

0.8...1.6/0.5...0.8³⁾

0.5...10	1.5...10	0.5...6	0.5...6
----------	----------	---------	---------

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

0.5...6

Disconnect test terminals

SAKT 4/LT SAKT 4/35/LT



41 A/6 mm²

6/57.5/42.5

6/57/40

10 mm/M 2.5/3.5 x 0.6

400 V/32 A/4 mm²

6 kV/3

0.4...0.7

1

0.5...6

1.5...4

0.5...4

0.5...4

A 3

(Q 2...10) 27

SAKT 4/DU



41 A/6 mm²



6/57.5/42.5

6/57/40

10 mm/M 2.5/3.5 x 0.6

400 V/32 A/4 mm²

6 kV/3

0.4...0.7

1

0.5...6

1.5...4

0.5...4

0.5...4

A 3

(Q 2...10) 27

300 V/20 A/22...12 AWG

300 V/20 A/26...10 AWG

Qty. Qty.

0254120000 50 1272420000 50

Qty. Qty.

0246320000 50

0254420000 50 1289920000 50

0310320000 50 1272520000 50

0254220000 50 StB links

Type Cat. No. Qty.

AP (1.5) 0244920000 20

Type Cat. No. Qty.

AP (1.5) 0244920000 20

TW (0.5) 0474700000 20

TSch 2 0353660000 100

TW (0.5) 0474700000 20

TSch 2 0353660000 100

QL 2 0155900000 100

QL 3 0156000000 100

QL 4 0156100000 50

QL 10 0338100000 20

BS M 3x15 Cu 0377200000 100

VH 8 0266700000 100

QVS 2 1319260000 20

QL 2 0155900000 100

QL 3 0156000000 100

QL 4 0156100000 50

QL 10 0338100000 20

BS M 3x15 Cu 0377200000 100

VH 8 0266700000 100

QVS 2 1319260000 20

BS M 3 x 22 1319900000 50

VH 16 0309700000 50

BS M 3 x 22 1319900000 50

VH 16 0309700000 50

SSP 4 1319360000 20

STB 8.5 ø 2.0 0244600000 50

STB 8.5 ø 2.3 0280600000 50

DEK 6.5 section "Accessories"

SSP 4 1319360000 20

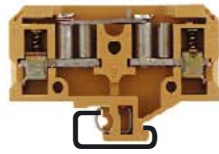
STB 8.5 ø 2.0 0244600000 50

STB 8.5 ø 2.3 0280600000 50

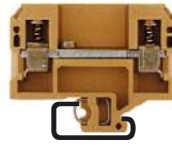
DEK 6.5 section "Accessories"

Disconnect test terminals

SAKA 10



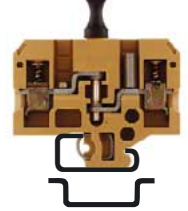
SAKB 10



SAKC 4 SAKC 4/35



SAKC 10 SAKC 10/35



Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/terminal screw/screwdriver blade	

Rated data

Rated voltage/current/cross-section	
Rated impulse voltage VDE 0110/1.89/pollution severity	

Further technical data

Tightening torque load	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductor

Solid H07V-U	mm²
Stranded H07V-R	mm²
Flexible H07V-K	mm²
Flexible H07V-K with ferrule according to DIN 46 228/1	mm²
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal for conductor size	
Continuous rating of cross-connection 2...5-pole	A
Continuous rating of cross-connection 6...10-pole	A

UL/CSA rated data

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data

Without test socket screw	Type
With open back wall for cross-connection	KrG
With 4 test socket screws Ø 4 mm	KrG
With 2 test socket screws Ø 4 mm	KrG
With 1 test socket screw Ø 4 mm	KrG

End plate/partition/small partition (thickness mm)

AP	Type	Cat. No.	Qty.
TW	KrG	0134220000	20
	KrG	0257120000	20

Cross-connection

QL	QB 4	2-pole
		3-pole
		4-pole
		10-pole
		25-pole
VL	BS	SS M4
	VH	

Dummy plug

	made from plastic, to be used as dummy when plug is pulled
--	--

Test plug/socket

PS 4	0299600000	20
StB	0135200000	50

Disconnect plug (spare)

Pull-out aid

For TST 4	
-----------	--

Marking tags

1	2	3	4	5	6	DEK	Standard
---	---	---	---	---	---	-----	----------

Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/terminal screw/screwdriver blade	

Rated data

Rated voltage/current/cross-section	
Rated impulse voltage VDE 0110/1.89/pollution severity	

Further technical data

Tightening torque load	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductor

Solid H07V-U	mm²
Stranded H07V-R	mm²
Flexible H07V-K	mm²
Flexible H07V-K with ferrule according to DIN 46 228/1	mm²
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal for conductor size	
Continuous rating of cross-connection 2...5-pole	A
Continuous rating of cross-connection 6...10-pole	A

UL/CSA rated data

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data

Without test socket screw	Type
With open back wall for cross-connection	KrG
With 4 test socket screws Ø 4 mm	KrG
With 2 test socket screws Ø 4 mm	KrG
With 1 test socket screw Ø 4 mm	KrG

End plate/partition/small partition (thickness mm)

AP	Type	Cat. No.	Qty.
TW	KrG	0134220000	20
	KrG	0257120000	20

Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/terminal screw/screwdriver blade	

Rated data

Rated voltage/current/cross-section	
Rated impulse voltage VDE 0110/1.89/pollution severity	

Further technical data

Tightening torque load	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductor

Solid H07V-U	mm²
Stranded H07V-R	mm²
Flexible H07V-K	mm²
Flexible H07V-K with ferrule according to DIN 46 228/1	mm²
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal for conductor size	
Continuous rating of cross-connection 2...5-pole	A
Continuous rating of cross-connection 6...10-pole	A

UL/CSA rated data

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data

Without test socket screw	Type
With open back wall for cross-connection	KrG
With 4 test socket screws Ø 4 mm	KrG
With 2 test socket screws Ø 4 mm	KrG
With 1 test socket screw Ø 4 mm	KrG

End plate/partition/small partition (thickness mm)

AP	Type	Cat. No.	Qty.
TW	KrG	0134220000	20
	KrG	0242920000	20

Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/terminal screw/screwdriver blade	

Rated data

Rated voltage/current/cross-section	
Rated impulse voltage VDE 0110/1.89/pollution severity	

Further technical data

Tightening torque load	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductor

Solid H07V-U	mm²
Stranded H07V-R	mm²
Flexible H07V-K	mm²
Flexible H07V-K with ferrule according to DIN 46 228/1	mm²
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal for conductor size	
Continuous rating of cross-connection 2...5-pole	A
Continuous rating of cross-connection 6...10-pole	A

UL/CSA rated data

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data

Without test socket screw	Type
With open back wall for cross-connection	KrG
With 4 test socket screws Ø 4 mm	KrG
With 2 test socket screws Ø 4 mm	KrG
With 1 test socket screw Ø 4 mm	KrG

End plate/partition/small partition (thickness mm)

AP	Type	Cat. No.	Qty.
TW	KrG	0117920000	20

Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/terminal screw/screwdriver blade	

Rated data

Rated voltage/current/cross-section	
Rated impulse voltage VDE 0110/1.89/pollution severity	

Further technical data

Tightening torque load	Nm
Torque setting with DMS 2 electric screwdriver	

Clampable conductor

Solid H07V-U	mm²
Stranded H07V-R	mm²
Flexible H07V-K	mm²
Flexible H07V-K with ferrule according to DIN 46 228/1	mm²
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal for conductor size	
Continuous rating of cross-connection 2...5-pole	A
Continuous rating of cross-connection 6...10-pole	A

UL/CSA rated data

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data

Without test socket screw	Type
With open back wall for cross-connection	KrG
With 4 test socket screws Ø 4 mm	KrG
With 2 test socket screws Ø 4 mm	KrG
With 1 test socket screw Ø 4 mm	KrG

End plate/partition/small partition (thickness mm)

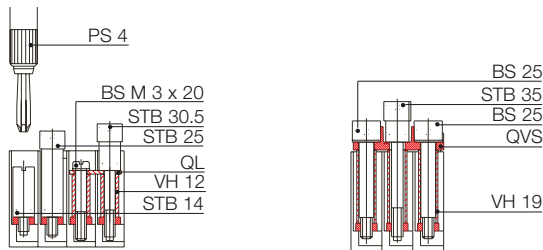
AP	Type	Cat. No.	Qty.
TW	KrG	0146720000	20
	KrG	0242920000	20

1) When using QB, the rated cross-section is reduced to max. 2.5 mm²

Disconnect test terminals

Accessories

for WTL 6/1, WTQ 6/1,
WTD 6/1, SAKT 1, SAKT 2



Cross-connection slide QVS...

Connection sleeves VH 19 and fixing screws BS 25 (or test socket STB 35) are required for attaching QVS to individual terminals.

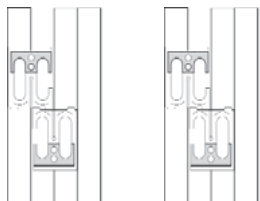
The fixing screws are provided with a coloured insulating sleeve (for easy identification) and screwdriver guiding. The cross-connection slides are designed in such a way that the test sockets which are arranged in terminals remain accessible for test plugs in every position.

The 2-pole version, type QVS 2S, is so designed to permit sliding with plugged-in test plugs. If you desire testing to be still available with inserted QVS, you can use test socket STB 35 for attachment.

The creepage and clearance distances required for the rated voltage of the terminal, are modified if accessory parts are installed.

Test sockets of type STB are screwed into the current bar of the terminal. They are used for receiving test plugs, type PS 4, or cross-connecting plugs, type QS2.

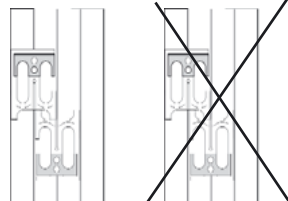
QVSK 2 (167036)



SAKT2

SAKT1, WTL6/1, WTD6/1

QVS 2 (030730)



SAKT1, WTL6/1, WTD6/1

Cross-connections WQV

Cross-connections WQV allow to connect adjoining terminals with safe finger- and wrist-contact, thus conforming to VBG 4.

Cross-connection links QL

In connection with disconnect test terminals, types SAKT 1, SAKT 2 and SAKT 4, cross-connection links, type QL, are used as permanent, i. e. non-switchable, cross-connections. Connection sleeves VH 12 and fixing screws BS M 3 x 20 (or test sockets STB 30.5) are required for attachment. The creepage and clearance distances required for the rated voltage of the terminal, can be modified by installing accessory parts. This applies in particular to cross-connections between adjoining terminals with different potentials.

Cross-connection bridge WKB

WKB can already be inserted from the top into the cross-disconnect terminal, type WTQ 6/1. Connection and disconnection can be realized using the slide link.

Cross-connection bridge QB

QB can already be inserted from the top into the cross-disconnect terminal strip SAKT 1/QT. Connection and disconnection can be realized using the slide link.

Rated voltage

with adjoining QVS	63 V	with adjoining WQV	to 400 V	with adjoining STB 25	63 V
with adjoining STB 35	63 V	with adjoining QL	250 V	with adjoining STB 30.5	63 V

Partitions of type TW or small partitions of type TSch must be used to preserve the rated voltage; with the exception of WQV.

SSP WTL, SSP 3 and SSP 4 prevent the unintentional opening or closing of current circuits. They block the slide link in its current position. The disconnect lock can be easily pressed into the terminal from above. Removal, however, is only possible with a tool.

STB 35



Type	Colour	Cat. No.	Qty.
STB 35 yellow		0389000000	50
STB 35 green		0388900000	50
STB 35 violet		0389100000	50
STB 35 black		0388500000	50
STB 35 grey		0388600000	50
STB 35 blue		0388700000	50
STB 35 red		0388800000	50

STB14	0169900000	50
-------	-------------------	----

STB 30.5 STB 25



Type	Colour	Cat. No.	Qty.
STB305 black		0341000000	50
STB305 grey		0341100000	50
STB305 blue		0341200000	50
STB305 red		0341300000	50
STB305 green		0341400000	50
STB305 yellow		0341500000	50
STB305 violet		0341600000	50

STB25 yellow	0267200000	50
STB25 green	0271200000	50
STB25 violet	0271300000	50
STB25 black	0271500000	50
STB25 grey	0271400000	50
STB25 blue	0343400000	50
STB25 red	0343300000	50

WTW

Partitions for snapping onto the mounting rail



Width/length/height (mm)
w. TS 32 3/80/63
w. TS 35 x 7.5 3/80/63

Type	Qty.
WTW	1058800000 20

STB 14



BS 25

Fixing screw



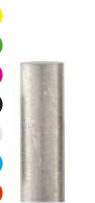
Type	Colour	Cat. No.	Qty.
BS 25 yellow		0335700000	50
BS 25 green		0335600000	50
BS 25 violet		0335800000	50
BS 25 grey		0335300000	50
BS 25 black		0335200000	50
BS 25 blue		0335400000	50
BS 25 red		0335500000	50
BS 25 blank		0334700000	50

VH 19	0318000000	50
-------	-------------------	----

CuZn 39
(Copper-alloy)

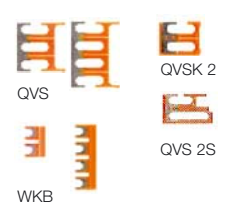
VH 19

Connection sleeve



QVS, WKB

Cross-connection slide



Type	Cat. No.	Qty.
QVS 2 2-pol.	0307300000	20
QVSK 2 2-pol.	1670360000	20
QVS 3 3-pol.	0329300000	20
QVS 4 4-pol.	0307400000	20
QVS 2S 2-pol.	0358460000	20

WKB 1/22-pol.	1604280000	50
---------------	-------------------	----

WKB 1/33-pol.	1604300000	50
---------------	-------------------	----

WKB 1/44-pol.	1604320000	50
---------------	-------------------	----

WKB 1/1010-pol.	1604330000	20
-----------------	-------------------	----

BS

Fixing screw



Type	Cat. No.	Qty.
BS M 3 x 20	0377100000	100
CuNi 60 (Copper-alloy)		

VH 12	0249000000	100
-------	-------------------	-----

E-Cu 57
(Copper-alloy)

VH

Connection sleeve



WQV

Cross-connection (complete)



WQV (only for WTL 6/2, WTL 6/3)

Type	Cat. No.	Qty.
WQV 6/2	1052360000	50
WQV 6/3	1054760000	50
WQV 6/4	1054860000	50
WQV 6/5	1062660000	50
WQV 6/7	1062670000	50
WQV 6/10	1052260000	20
E-Cu 57 (Copper-alloy)		

QL 2 2-pole	0194300000	50
-------------	-------------------	----

QL 3 3-pole	0194400000	50
-------------	-------------------	----

QL 4 4-pole	0194500000	50
-------------	-------------------	----

QL 5 5-pole	0220500000	50
-------------	-------------------	----

QL 6 6-pole	0220600000	50
-------------	-------------------	----

QL 10 10-pol.	0338300000	20
---------------	-------------------	----

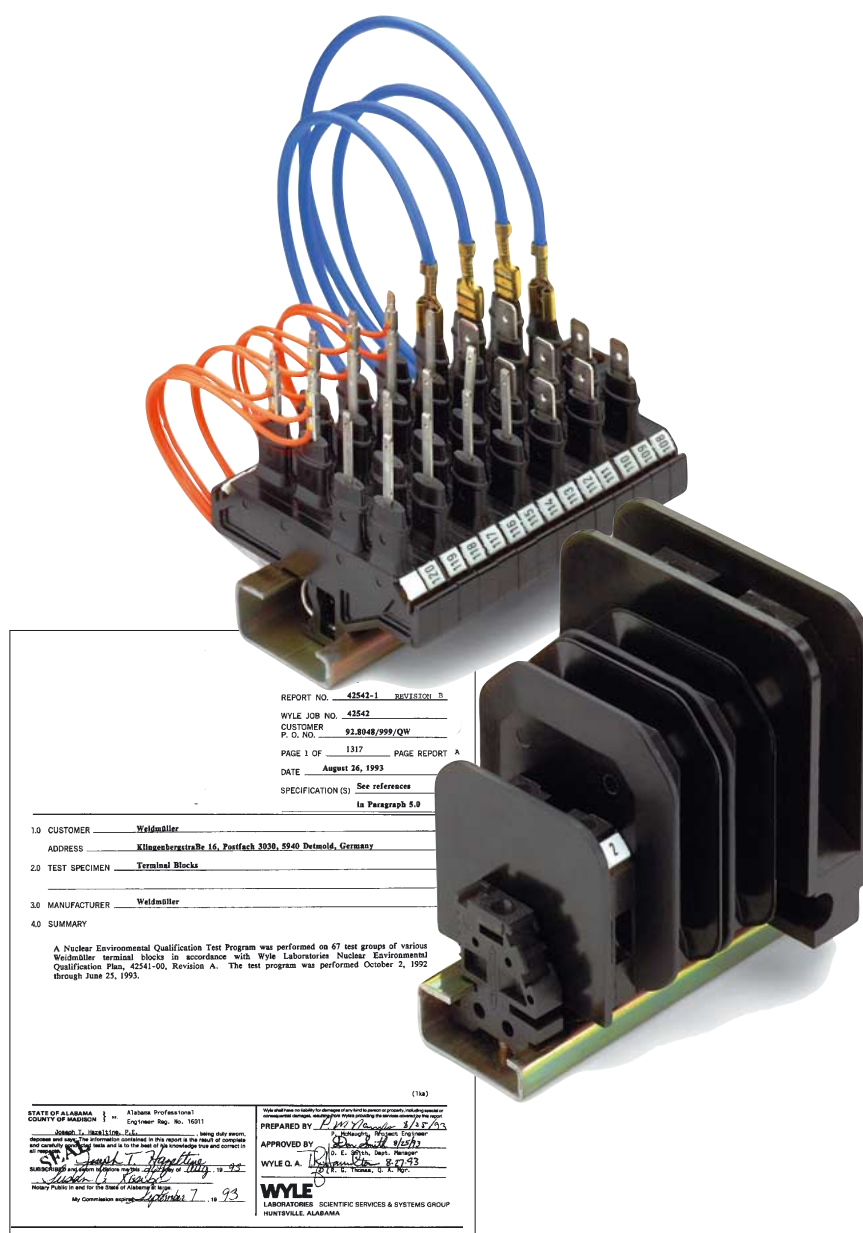
QL 15 15-pol.	0221200000	10
---------------	-------------------	----

E-Cu 57

(Copper-alloy)

Power supply

Terminals for containment areas in nuclear power stations



The containment areas of a nuclear power stations demand high requirements from the products used there. Years of radioactive radiation must not cause a failure, and if a failure occurs, e.g. a vapour leak caused by a burst coolant line, signals must be still be transmitted correctly.

Problems can especially occur when vapour condenses on the terminals. If unsuitable terminals are used, leakage currents can develop which may cause signal distortion. Therefore, only products, that correspond to IEEE Class 1E, may be installed in safety areas.

A special feature of the tests performed on Weidmüller terminals is that not only the insulation impedance was measured after an emergency was simulated, but also the leakage currents were recorded during the LOCA tests (Loss Of Coolant Accident, leakage of main coolant pipe).

Weidmüller also offers, for this type of application, a product range that fulfils these requirements, based on the special material EP epoxy ester resin with inorganic filling material.

The vast number of test results, recorded by Wyle Laboratories, permit authorising bodies to autonomously evaluate Weidmüller products for application in safety areas Class 1E (fault simulation test profile 4) and for general areas in nuclear power stations (fault simulation test profile 1).

Basic: **IEEE 323 – 1983**
“IEE Standard for Qualifying of Electric Equipment, Important to Safety for Nuclear Generating Stations”

IEE 344 – 1987
“IEEE Recommended Practices for Seismic Qualification of Class 1 E Equipment for Nuclear Generating Stations”

Test institute: Wyle Laboratories, Huntsville, Alabama, USA

Time of testing: 1992-1993

The following tests that are laid down in the IEEE standards are the basis for qualification:

1. Baseline functional test / Initial values

- ⊙ Insulation resistance
- ⊙ Contact resistance

2. Radiation exposure simulation

- ⊙ Total dosage: 220 Mrad
- ⊙ Dosage rate: 1 Mrad/h
- ⊙ Insulation resistance after Pollution

3. Thermal ageing corresponding to 40 years operation at ambient temperature

- ⊙ 32 °C = 90 °F outside the containment area
- ⊙ 65 °C = 150 °F inside the containment area
- ⊙ Accelerated ageing
- ⊙ Insulation resistance after pollution

4. Seismic simulation

- ⊙ 5 OBE, 1 SSE test in 3 axes
- ⊙ Monitoring of the electrical functions

5. Accident simulation

- ⊙ Inside and outside the containment area
- ⊙ Monitoring of leakage currents for various applications during the accident simulation
- ⊙ Insulation impedance after pollution

6. Final function test / end values

- ⊙ Contact resistance
- ⊙ Visual inspection

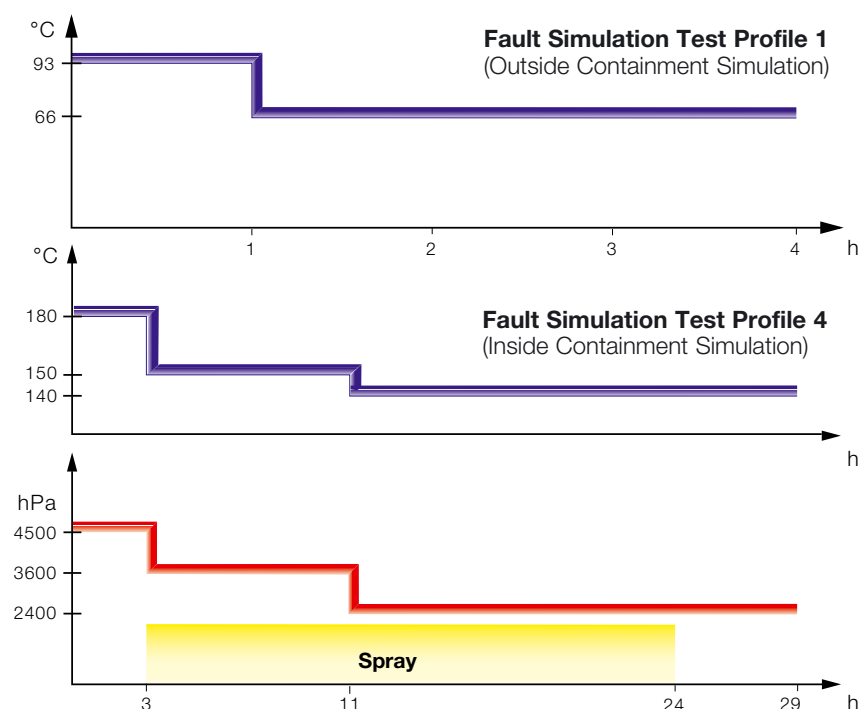
Along with the special terminals for the internal safety area, that comply with the tests according to Class 1E, Weidmüller has performed a range of standard terminal, intensive tests according to test profile 1. They comply fully with the requirements of terminals outside the safety area.

Fault simulation test profile 1 Typical PWR Outside Containment Simulation

During the 4-hour test, ample steam is applied for temperature control. This simulation is performed with atmospheric air pressure.

Fault simulation test profile 4 Typical PWR Inside Containment Simulation

During the 29-hour test, ample steam is applied for temperature control. In the period 3 to 24 hours, a chemical spray is applied to the test installation, or alternatively a demineralising spray. This simulation is performed with increased pressure of max. 4500 hPa (4.5 bar).



Feed-through terminals within the safety area, tested according to test profile 4



SAK 4



SAKH 10



SAKH 35



Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/terminal screw/screwdriver blade	

6.5/40/51.5

14/57/76.5

18/125/90

12/M 3/3.5 x 0.6

12/M 4/5.5 x 1

20/M 6/6.5 x 1.2

VDE rated data, 0611 Part 1/IEC 60 947-7-1

Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	
Rated peak current for 1 sec	

800 V/32 A/4 mm²
8 kV/3
720 A

1000 V/57 A/10 mm²
8 kV/3
1800 A

1000 V/125 A/35 mm²
8 kV/3
6300 A

Further technical data

Tightening torque load	Nm
Torque setting with DMS 2 electric screwdriver DMS 3	

0.5...1.0
2

1.2...2
4

2.5...4
6

Clampable conductor

Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K with ferrule according to DIN 46 228/1	mm ²
Plug gauge according to IEC 60 947-7-1	Size

0.5...6
1.5...6
0.5...4
0.5...4
A 4

1.5...16
16¹⁾
2.5...10
1...10
B 6

6...16
16...50
16...50
10...35
B8

Ordering data

Version

Steel clamp yoke
CuNi clamp yoke

Cat. No.	Qty.
0128300000	100
0168800000	100

Cat. No.	Qty.
0126700000	50
1104700000	20

Cat. No.	Qty.
1596240000	20
1593540000	20

End bracket

WEW



EWK 1



Type	Cat. No.	Qty.
EWK 1	0693060000	50

Type	Cat. No.	Qty.
WEW	1067660000	50

Type	Cat. No.	Qty.
WEW	1067660000	50

Partition/end plate

TW



TW/SAK4	0130100000	20
---------	------------	----

AP/SAKH 10	0131700000	20
------------	------------	----

TW/SAK 35	0304300000	20
-----------	------------	----

Marking tags

Print

DEK

Standard



DEK

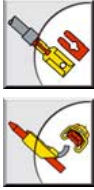
DEK 6.5	section "Accessories"
---------	-----------------------

DEK 6.5	section "Accessories"
---------	-----------------------

DEK 6.5	section "Accessories"
---------	-----------------------

¹⁾ Tightening torque for 16 mm² : 2 Nm

Feed-through terminals within the safety area, tested according to test profile 4



KMVF



KMVF



KMVT



KMVT



Dimensions/approvals

Width/length/height (mm)	with TS 32 
Width/length/height (mm)	with TS 35 x 7.5 
Insulation stripping length/terminal screw/screwdriver blade	

VDE rated data, 0611 Part 1/IEC 60 947-7-1

Rated voltage/current/cross-section	800 V/16 A/2.5 mm ²	800 V/16 A/2.5 mm ²	800 V/12/6 A/0.5 mm ²	800 V/12/6 A/0.5 mm ²
Rated impulse voltage/pollution severity	8 kV/3	8 kV/3	8 kV/3	8 kV/3
Rated peak current for 1 sec				

Further technical data

Max. continuous current of terminal total/terminal	20 A	20 A	12A/6A	12A/6A
--	------	------	--------	--------

Clampable conductor

Solid H07V-U	mm ²			
Stranded H07V-R	mm ²			
Flexible H07V-K	mm ²	0.5...2.5	0.5...2.5	AWG 24 - 18
Flexible H07V-K with ferrule according to DIN 46 228/1	mm ²			
Plug gauge according to IEC 60 947-7-1	Size			

Ordering data

Version

	Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.
	0249100000	50		0249200000	50		0249300000	50		0249400000	50

End bracket

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
EWK 1	0693060000	50	EWK 1	0693060000	50	EWK 1	0693060000	50	EWK 1	0693060000	50

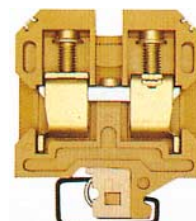
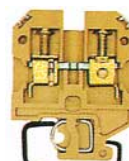
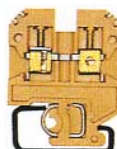


EWK 1

Marking tags

Print

	DEK	Standard	DEK 5	section "Accessories"	DEK 5	section "Accessories"	DEK 5	section "Accessories"	DEK 5	section "Accessories"
--	-----	----------	-------	-----------------------	-------	-----------------------	-------	-----------------------	-------	-----------------------

SAK 35

6/27/30

8 mm/M 3/3.5 x 0.6

400 V/32 A/4 mm ²
6 kV/3
720 A

$$\frac{0.5 \dots 1.0}{2}$$

0.5...6
1.5...4
0.5...4
0.5...4
0.5...4
A 3
38.5 A/6 mm ²

Source: U.S. Census Bureau, *Current Population Reports*, 1990.

300 V/27A/22...12 AWG
300 V/10 A/24...12 AWG

Version

TS 15	Cat. No.	Qty.
	0294320000	100

Type	Cat. No.	Qty.
AP (1.5)	0294420000	20
TW	0118900000	20

Q 2	0336400000	50
Q 3	0336500000	50
Q 4	0336600000	50
Q 10	0368600000	20

STB 8.5	0215700000	50
PS 2.3	0180400000	20

Print

DEK 6 section "Accessories"

Feed-through terminals outside the safety area, tested according to test profile 1

WDK 2.5



UL LR DNV

5/69/63
10 mm/M 2.5/3.5 x 0.6

400 V/24 A/2.5 mm²
6 kV/3
450 A

0.4...0.6
1

0.5...4
1.5...4
0.5...2.5
0.5...2.5
0.5...2.5¹⁾

A 3
24 A/2.5 mm²

300 V/20 A/22...12 AWG
300 V/20 A/26...12 AWG

Cat. No. Qty.

1021500000 100

Type Cat. No. Qty.

WAP **1059100000** 20

WTW **1058800000** 20

WQV 2.5/2 **1053660000** 50

WQV 2.5/3 **1053760000** 50

WQV 2.5/4 **1053860000** 50

WQV 2.5/10 **1054460000** 20

WTA 4710 **1649620000** 5

AD 3 **0485400000** 20x1m

HP 3 **0485760000** 20

WT 4 **1341060000** 100

SF 10 **0332400000** 1000

SG 10 **0332500000** 1000

DEK 5 section "Accessories"

WS 8/5 **1640740000** 720

WS 8/5 **1773360000** 300

WDU 2.5N



UL LR DNV

5/44/37.5
10 mm/M 2.5/3.5 x 0.6

500 V/24 A/2.5 mm²
6 kV/3
450 A

0.4...0.6
1

0.5...4
1.5...4
0.5...4
0.5...2.5
0.5...2.5¹⁾

A 3
24 A/2.5 mm²

300 V/20 A/22...12 AWG
300 V/20 A/26...12 AWG

Cat. No. Qty.

1023700000 100

Type Cat. No. Qty.

WAP-WDU 1.5 **1060000000** 50

TW (1.5) **0191860000** 20

WQV 2.5/2 **1053660000** 50

WQV 2.5/3 **1053760000** 50

WQV 2.5/4 **1053860000** 50

WQV 2.5/10 **1054460000** 20

WTA 1 **1632290000** 25

WTA 1/ZA **1632300000** 25

WTA 1/10 **1632310000** 5

ZE 1 **1632150000** 25

PS 2.3 (ø 2.3) **0180400000** 20

PS 2.0 (ø 2.0) **0293800000** 20

STB 8.5 (ø 2.3) **0215700000** 50

STB 8.5 (ø 2.0) **1269800000** 50

WAD 4 **1072000000** 50

WAD 4 white **1072100000** 50

T 5 **0348500000** 100

SF 10 **0332400000** 1000

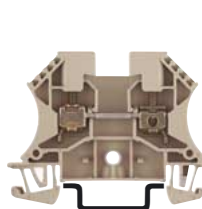
SG 10 **0332500000** 1000

DEK 5 section "Accessories"

WS 12/5 **1609860000** 720

WS12/5 **1773380000** 300

WDU 4



UL LR DNV

6/60/47
10 mm/M 3/3.5 x 0.6

800 V/32 A/4 mm²
8 kV/3
1080 A

0.5...1.0
2

0.5...6
1.5...6
0.5...6
0.5...4
0.5...4

A 4
46 A/6 mm²

600 V/35 A/22...10 AWG
600 V/35 A/26...10 AWG

Cat. No. Qty.

1020100000 100

Type Cat. No. Qty.

WAP 2.5-10 **1050000000** 50

WTW 2.5-10 **1050100000** 20

WQV 4/2 **1051960000** 50

WQV 4/3 **1054560000** 50

WQV 4/4 **1054660000** 50

WQV 4/10 **1052060000** 20

WTA 3 **1632350000** 25

WTA 3/ZA **1632360000** 25

WTA 3/10 **1632370000** 5

ZE 1 **1632150000** 25

PS 2.3 (ø 2.3) **0180400000** 20

STB8.5 (ø 2.3) **0280600000** 50

WAD 5 **1053460000** 50

WAD 5 white **1056060000** 50

T 5 **0348500000** 100

SF 10 **0332400000** 1000

SG 10 **0332500000** 1000

DEK 6 section "Accessories"

WS 12/6 **1609900000** 600

WS12/6 **1609910000** 120

WDU 10



UL LR DNV

10/60/47
12 mm/M 4/5.5 x 1.0

800 V/57 A/10 mm²
8 kV/3
2880 A

1.2...2.4
4

1.5...16
1.5...16
1.5...16
1.5...16
1.5...16

B 6
76 A/16 mm²

600 V/60 A/16...6 AWG
600 V/65 A/16...6 AWG

Cat. No. Qty.

1020300000 50

Type Cat. No. Qty.

WAP 2.5-10 **1050000000** 50

WTW 2.5-10 **1050100000** 20

WQV 10/2 **1052560000** 50

WQV 10/3 **1054960000** 50

WQV 10/4 **1055060000** 50

WQV 10/10 **1052460000** 20

WTA 5/1 **1051260000** 25

PS 2.3 (ø 2.3) **0180400000** 20

PS 4 (ø 4) **0299600000** 20

STB 8.5 (ø 2.3) **0280600000** 50

STB 14 (ø 4) **0169900000** 50

WAD 8 **1053560000** 50

WAD 8 white **1056160000** 50

T 5 **0348500000** 100

SF 10 **0332400000** 1000

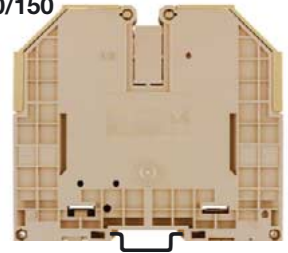
SG 10 **0332500000** 1000

DEK 5 section "Accessories"

WS 12/6.5 **1609920000** 540

WS12/6.5 **1609930000** 108

WDU 120/150



UL LR DNV

32/132/118
35 mm/M 10/S 6

1000 V/269 A/120 mm²
8 kV/3
14400 A

10...20

35...150
35...150

B 13
309 A/150 mm²

600 V/225 A/2...MCM 250 AWG
600 V/285 A/2...MCM 250 AWG

Cat. No. Qty.

1024500000 10

Type Cat. No. Qty.

WQV 120/2 **1063300000** 5

WQV 120/3 **1063400000** 5

PS 4 **0299600000** 20

pluggable in screw head of connection system

with danger sign **1062860000** 10

without danger sign **1062960000** 10

DEK 5 section "Accessories"

WS 12/6.5 **1609920000** 540

WS12/6.5 **1609930000** 108

¹⁾ Diameter optimized AEH for terminals in 5-mm grid: Cat. No.: **1333100000**