

Test-disconnect terminals

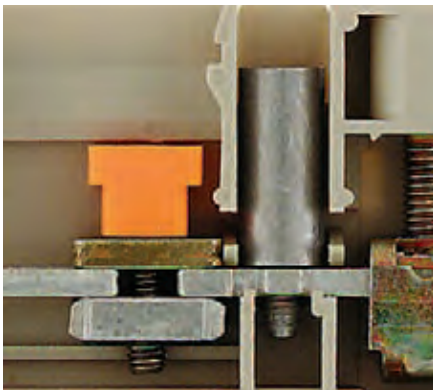
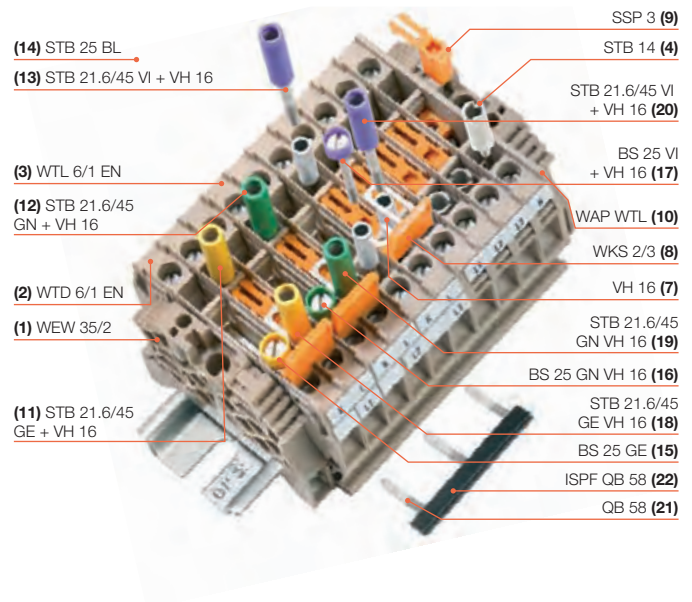
Testing made easy

WTL 6/1 EN, WTD 6/1 EN, WTQ 6/1 EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers “run hot” and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

You can solve many switching tasks - clearly and affordably - with the WTL 6/1 EN test-disconnect terminal, the WTD 6/1 EN feed-through terminal, and the WTQ 6/1 EN cross-disconnect terminal.

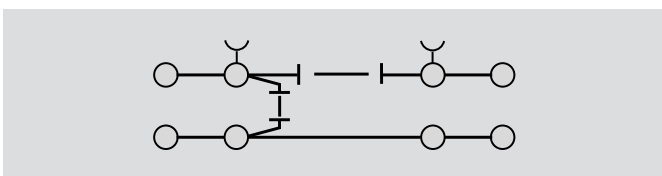
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



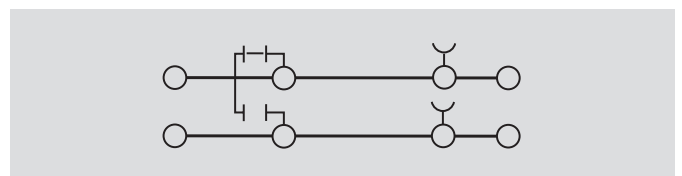
Sliding disconnecter is easy to use (WTL 6/1 EN)



Safe disconnection of cross-connection (WTQ 6/1 EN)



One short-circuit slider per terminal (WTL 6/1 EN)



One short-circuit jumper per terminal (WTQ 6/1 EN)

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Test-disconnect terminal blocks for metering with the WTL 6/1 EN

Ordering data

Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTD 6/1 EN	1934830000	1934830000	3
3	WTL 6/1 EN	1934810000	1934810000	7
4	STB 14	0169900000	0169900000	4
5	BS 25 SW ¹⁾	0335200000	0335200000	3
6	STB 35 SW ²⁾	0388500000	0388500000	3
7	VH 16	0309700000	0309700000	9
8	WKS 2/3	1936140000	1936140000	3
9	SSP 3	0531760000	0531760000	7
10	WAP WTL	1068300000	1068300000	1

¹⁾ Pos. 5 similar to pos. 15, but with black insulating sleeve / ²⁾ Item 6 similar to item 18, but with black insulating sleeve

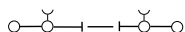
Optionally available for better labelling (instead of 8 x pos. 4, 3 x pos. 5 and 3 x pos. 6):

Pos.	Type	Order No.	Order No.	Qty.
4	STB 14	0169900000	0169900000	4
11	STB 21.6/45 GE	1936240000	1936240000	2
12	STB 21.6/45 GN	1936250000	1936250000	2
13	STB 21.6/45 VI	1936260000	1936260000	2
15	BS 25 GE	0335700000	0335700000	1
16	BS 25 GN	0335600000	0335600000	1
17	BS 25 VI	0335800000	0335800000	1

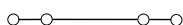
Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
21	QB 58* angled	0545300000	0545300000	1
22	ISPFQB58SW*	0546000000	0546000000	1

* Shorten to 5 poles



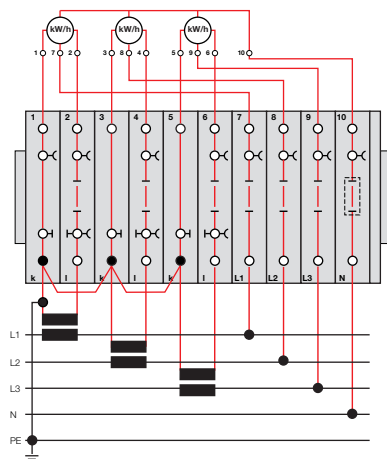
WTL 6/1 EN/STB



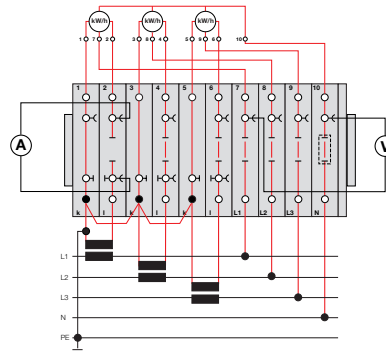
WTD 6/1 EN

Operating status

(with external distribution of k-point)



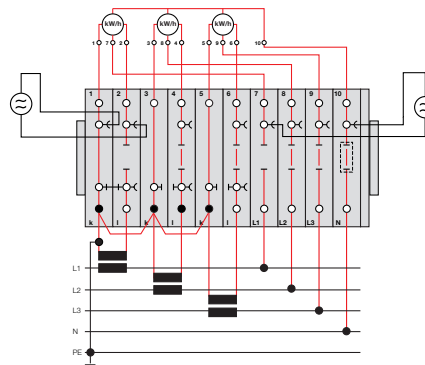
Comparison measurement for L1



Operation depending on operating status:

1. Connect ammeter to test sockets at terminal 2.
2. Open disconnect slide link of terminals 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

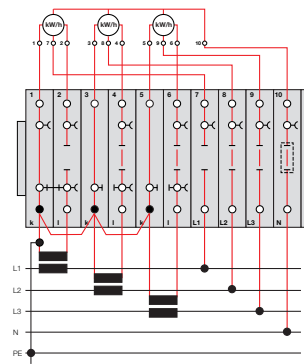
Meter test for L1 through external power supply



Operation depending on operating status:

1. Close the short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on operating status:

1. Close short-circuit slide of the terminals 1 and 2.
2. Open disconnect slide link of the terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

Test-disconnect terminals

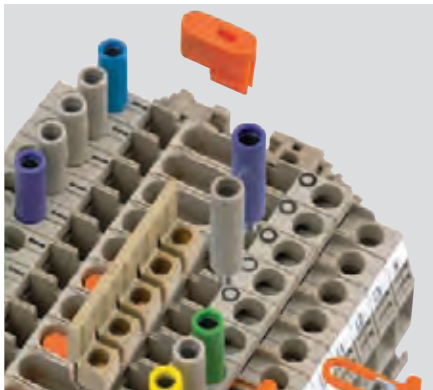
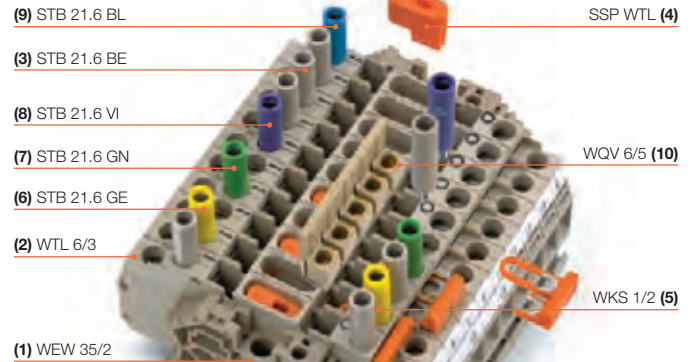
Convenient test-disconnect terminals WTL 6/2, WTL 6/3

All the circuits occurring in practice can be realised with the WTL 6/2 and WTL 6/3 terminals plus a few accessories.

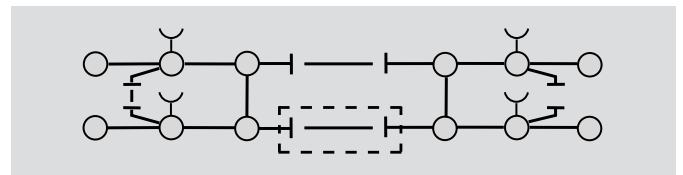
The short-circuit sliders are finger-touch safe – no risk of electric shock. Two cross-connections, e.g. for internal distribution of the contact point, can also be incorporated. The standard WQV 6/... cross-connections of the W-Series can be used here, which also permit terminals to be bypassed.

Thanks to the specially designed test sockets, both conventional test plugs and conventional safety test plugs can be used with the WTL 6/3.

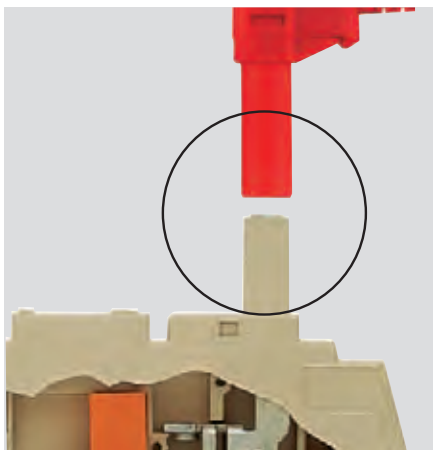
Another advantage of the WTL 6/3 is that one screwdriver fits all screws and also all sockets.



Optimised accessories for all circuit variations

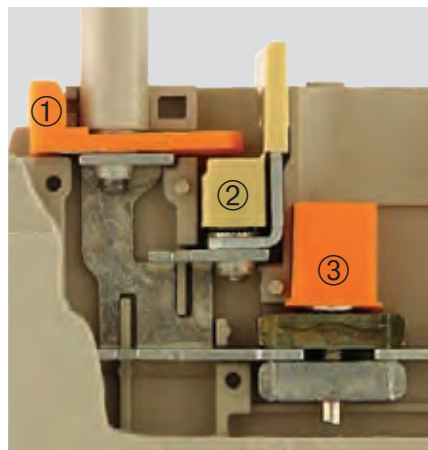


Variation with maximum accessories



Safe test point to German standard

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Compact design: ① sliding disconnect, ② cross-connection, ③ short-circuit slider



2 DEK markers per connection point

Test-disconnect terminal blocks for measuring with WTL 6/3

Ordering data

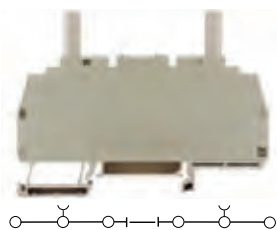
Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTL 6/3	1018800000	1018900000	10
3	STB 21.6 BE	1071000000	1071000000	14
4	SSP WTL	1604200000	1604200000	4
5	WKS 1/2	1604270000	1604270000	3

Optionally available for better labelling for WTL 6/3 (instead of 14 x pos. 3):

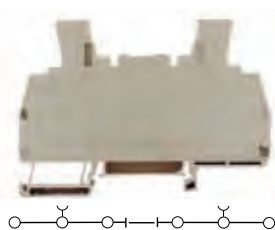
Pos.	Type	Order No.	Order No.	Qty.
3	STB 21.6 BE	1071000000	1071000000	7
6	STB 21.6 GE	1071010000	1071010000	2
7	STB 21.6 GN	1071020000	1071020000	2
8	STB 21.6 VI	1071030000	1071030000	2
9	STB 21.6 BL	1071080000	1071080000	1

Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
10	WQV 6/5	1062660000	1062660000	1



WTL 6/3/STB

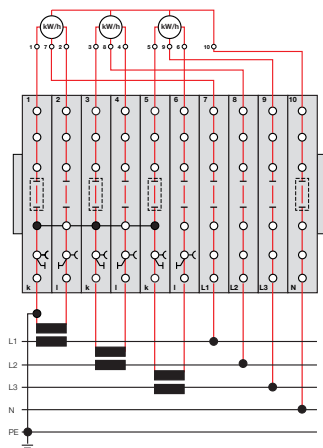


WTL 6/2

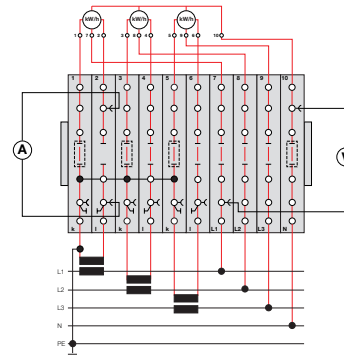
The disconnect test terminal WTL 6/3/STB offers the same functionality as the WTL 6/2. However, thanks to the special design of the test sockets both conventional test plugs as well as commercially available test plugs can be used.

Operating status

(with internal distribution of the k-point)



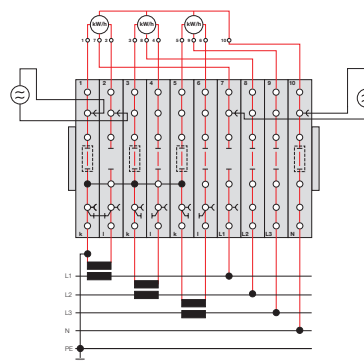
Comparison measurement for L1



Operation depending on the operating status:

1. Connect ammeter to test sockets of terminal 2.
2. Open disconnect slide link of terminal 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

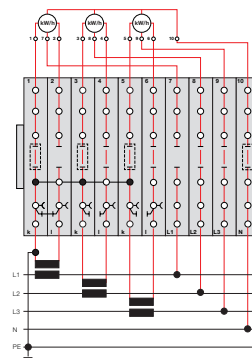
Meter test for L1 through external power supply



Operation depending on the operating status:

1. Close short-circuit slide of terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Connect external power supply to the sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on the operating status:

1. Close short-circuit slide of terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Disconnect meter for L1 at terminals 1, 2 and 7.

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Test-disconnect terminals

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	With socket
	Without socket
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve for cross-connector QL
	Mounting screw
End plate / partition	
	Dark beige Wemid
	Dark beige Wemid
Cross-connection slider	
	2-pole
	3-pole
	4-pole
	Connecting sleeve for QVS
	Mounting screw for QVS
Testing / Checking	
	Test plug
	Socket, grey
	Socket, green
	Socket, violet
	Socket, blue
	Socket
Miscellaneous accessories	

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

WTL 4

4 mm²

6.1 x 61.3 x 40.7	
41 / 6	
0.13...6	

IEC 60947-7-1			
IEC	UL	CSA	
500	300	300	
32	28	28	
4	AWG 26...10	AWG 26...10	
	6 / 3		
	A3 / V-0		
Approvals			
IEC	UL	CSA	
Rated connection			
0.5...6 / 1.5...4			
0.5...4 / 0.5...4			
0.4...0.7 Nm (M 2.5)			
10 / 0.6 x 3.5 mm			
Note			
Usage as disconnect terminal with 400 V.			

Type	Qty	Order No.
WTL 4/STB	50	1754970000
WTL 4	50	1754960000

Type	current	Qty	Order No.
WQV 4/2	32 A	50	1051960000
WQV 4/3	32 A	50	1054560000
WQV 4/4	32 A	50	1054660000
WQV 4/10	41 A	20	1052060000

Width			
ZAP/TW 1	2 mm	50	1608740000
current			
QVS 2/4 SAKT4	32 A	20	1319260000
VH 16/5/3.5 SAK10-35		50	0309700000
BFSC M3X22 SAKT4		50	1319900000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 8.5/5/2.3/M3 SAK2.5		50	0280600000

Marking systems	
	DEK 5/6 / WS 12/6

WTL 4/2

4 mm²

Enforced short-circuit function



6 x 56.5 x 50	
11 / 6	
0.13...6	

IEC 60947-7-1			
IEC	UL	CSA	
500			
10			
4			
	6 / 3		
	A4 / V-0		
Approvals			
IEC	UL	CSA	
Rated connection			
0.5...6 / 1.5...6			
0.5...6 / 0.5...4			
0.5...0.8 Nm (M 3)			
10 / 0.6 x 3.5 mm			
Note			
2 conductors can be connected, similar to WDU 4N.			

Type	Qty	Order No.
WTL 4/2 STB	50	1881650000

Type	Qty	Order No.
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Width		
WAP WTL4/2	50	1881640000

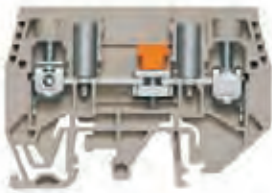
Marking systems	
	WS 12/6
For detailed information on other accessories and applications, refer to the „Accessories“ section	

WTL 6/1 EN

6 mm²

Longitudinal - disconnect

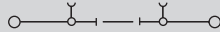
n



7.9 x 65 x 48.5

57 / 10

0.5...10



IEC 60947-7-1

IEC	UL	CSA
630	300	300
41	45	45
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		



Rated connection

0.5...10 / 1.5...10

0.5...10 / 0.5...6

0.8...1.6 Nm (M 3.5)

12 / 4.0 x 0.8 mm

Use as 500 V disconnect terminal. Conductor connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.0 Nm.

Type	Qty	Order No.
WTL 6/1 EN STB	50	1934820000
WTL 6/1 EN	50	1934810000
TS32 version on request		

Type	current	Qty	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width			
WAP WTL6/1 L	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
current			
QVS 2 SAKT1+2	41 A	20	0307300000
QVS 3 SAKT1+2	41 A	20	0329300000
QVS 4 SAKT1+2	41 A	20	0307400000
VH 16		50	0309700000
STB 21.6/45		50	1936240000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 35 IH/GE		50	0389000000
STB 35 IH/GN		50	0388900000
STB 35 IH/VI		50	0389100000
STB 35 IH/BL		50	0388700000
STB 14/D6/4/M3 SAK10		50	0169900000

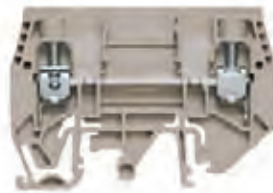
DEK 5/8 / WS 12/6,5

WTD 6/1 EN

6 mm²

Feed-through

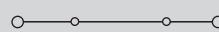
n



7.9 x 65 x 48.5

57 / 10

0.5...10



IEC 60947-7-1

IEC	UL	CSA
630	300	300
41	45	45
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		



Rated connection

0.5...10 / 1.5...10

0.5...10 / 0.5...6

0.8...1.6 Nm (M 3.5)

12 / 4.0 x 0.8 mm

Conductor connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.0 Nm.

Type	Qty	Order No.
WTD 6/1 EN	50	1934830000
TS32 version on request		

Type	current	Qty	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width			
WAP WTL6/1 L	1.5 mm	20	1957710000
WTW WTL6/1 DB	1.5 mm	20	1068400000
current			
QVS 2 SAKT1+2	41 A	20	0307300000
QVS 3 SAKT1+2	41 A	20	0329300000
QVS 4 SAKT1+2	41 A	20	0307400000
VH 16		50	0309700000
STB 21.6/45		50	1936240000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 35 IH/GE		50	0389000000
STB 35 IH/GN		50	0388900000
STB 35 IH/VI		50	0389100000
STB 35 IH/BL		50	0388700000
STB 14/D6/4/M3 SAK10		50	0169900000

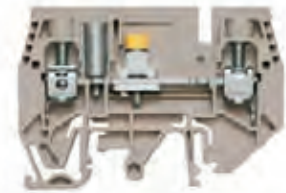
DEK 5/8 / WS 12/6,5

WTQ 6/1 EN

6 mm²

Cross-connect/disconnect (isolator)

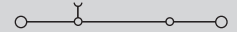
n



7.9 x 65 x 48.5

57 / 10

0.5...10



IEC 60947-7-1

IEC	UL	CSA
500	300	300
41	45	45
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		



Rated connection

0.5...10 / 1.5...

0.5...10 / 0.5...6

0.8...1.6 Nm (M 3.5)

12 / 4.0 x 0.8 mm

Conductor connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.0 Nm.

Type	Qty	Order No.
WTQ 6/1 EN STB	50	1934800000
WTQ 6/1 EN	50	1934790000
TS32 version on request		

Type	current	Qty	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width			
WAP WTL6/1	1.5 mm	20	1068300000
WTW WTL6/1 DB	1.5 mm	20	1068400000
current			
WKB 1/2		50	1604280000
WKB 1/3		50	1604300000
WKB 1/4		50	1604320000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 35 IH/GE		50	0389000000
STB 35 IH/GN		50	0388900000
STB 35 IH/VI		50	0389100000
STB 35 IH/BL		50	0388700000
STB 14/D6/4/M3 SAK10		50	0169900000

DEK 5/8 / WS 12/6,5

Test-disconnect terminals

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note


Ordering data

Version	
	With socket
	Without socket
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve for cross-connector QL
	Mounting screw

End plate / partition	
	Dark beige Wemid
	Dark beige Wemid

Cross-connection slider	
	2-pole
	3-pole
	4-pole
	Connecting sleeve for QVS
	Mounting screw for QVS

Testing / Checking	
	Test plug
	Socket, grey
	Socket, green
	Socket, violet
	Socket, blue
	Socket

Miscellaneous accessories

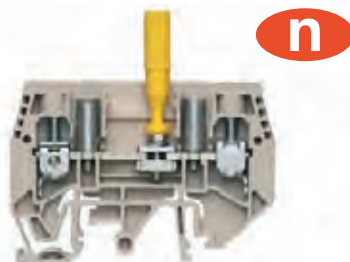
Marking systems	(see assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

WTL 6/1/STB/TNSC/EN

6 mm²

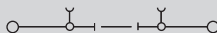
Longitudinal - disconnect



7.9 x 65 x 48.5

57 / 10

0.5...10



IEC 60947-7-1

IEC	UL	CSA
630	300	300
41	45	45
6	AWG 20...8	AWG 20...8
	6 / 3	
	A5 / V-0	



Rated connection

0.5...10 / 1.5...
0.5...10 / 0.5...6
0.8...1.6 Nm (M 3.5)
12 / 4.0 x 0.8 mm

Use as 500 V disconnect terminal. Conductor connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.0 Nm.

Type	Qty	Order No.
WTL 6/1/STB/TNSC/EN	50	1938820000
TS32 version on request		

Type	current	Qty	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width			
WAP WTL6/1	1.5 mm	20	1068300000
WTW WTL6/1 DB	1.5 mm	20	1068400000
current			
QVS 2 SAKT1+2	41 A	20	0307300000
QVS 3 SAKT1+2	41 A	20	0329300000
QVS 4 SAKT1+2	41 A	20	0307400000
VH 19/6/4.2 SAKT1		50	0318000000
BS 25 IH/GE SAKT1		50	0335700000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 35 IH/GE		50	0389000000
STB 35 IH/GN		50	0388900000
STB 35 IH/VI		50	0389100000
STB 35 IH/BL		50	0388700000
STB 14/D6/4/M3 SAK10		50	0169900000

Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	With socket
	Without socket
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve for cross-connector QL
	Mounting screw
End plate / partition	
	Dark beige Wemid
	Dark beige Wemid
Cross-connection slider	
	2-pole
	3-pole
	4-pole
	Connecting sleeve for QVS
	Mounting screw for QVS
Testing / Checking	
	Test plug
	Socket, grey
	Socket, green
	Socket, violet
	Socket, blue
	Socket
Miscellaneous accessories	

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

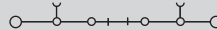
WTL 6/2

6 mm²


Longitudinal - disconnect



8 x 87 x 61.8
57 / 10
0.5...10



IEC 60947-7-1

IEC	UL	CSA
500	300	300
41	45	45
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		
		
Rated connection		
0.5...10 / 1.5...10		
0.5...10 / 0.5...6		
0.8...1.6 Nm (M 3.5)		
12 / 4.0 x 0.8 mm		

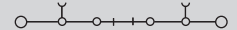
WTL 6/3

6 mm²


Longitudinal - disconnect



7.9 x 87 x 65
57 / 10
0.5...10



IEC 60947-7-1

IEC	UL	CSA
500	300	300
41	45	45
6	AWG 20...8	AWG 20...8
6 / 3		
A5 / V-0		
		
Rated connection		
0.5...10 / 1.5...10		
0.5...10 / 0.5...6		
0.8...1.6 Nm (M 3.5)		
12 / 4.0 x 0.8 mm		

Type	Qty	Order No.
WTL 6/3/STB	50	1018600000
WTL 6/3	50	1018800000
TS32 version on request		

Type	current	Qty	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/3	57 A	50	1054760000
WQV 6/4	57 A	50	1054860000
WQV 6/10	57 A	20	1052260000

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

Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 21.6/IH/GE WTL6/3	6.2 mm	50	1071010000
STB 21.6/IH/GN WTL6/3	6.2 mm	50	1071020000
STB 21.6/IH/VI WTL6/3	6.2 mm	50	1071030000
STB 21.6/IH/BL WTL6/3	6.2 mm	50	1071080000

Marking systems	(see assortment in catalogue 7)
	Marking tags
For further disconnect test terminal accessories, see chapter „Accessories“	

Test-disconnect terminals

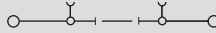
WTL 6/4 FF

Longitudinal disconnect



Width x length x height mm
 max. current / max. cond. cross-section A/mm²
 max. clamping range mm²

11 x 76.5 x 52
 41 / 6
 0.13 ... 6



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Tightening torque range, clamp. screw/disconnector approvals	Nm
Note	

IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
800	600	600	
500 V for use as test-disconnect terminal			
41	30	30	
6	AWG 26 ... 10	AWG 26 ... 10	
1.2 ... 1.9 / 0.5 ... 0.8			
IEC			

Ordering data

Version
Note

Accessories

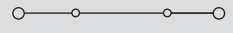
Cross-connection	
ZQV: plug-in cross-connection	2-pole
End plate/partition plate	
Wemid, dark beige	
End bracket	
Screw	
Connecting sleeves	
Cross-connection lugs	
Cross-connection	
Insulating sleeve	
Cross-connection plug	
Cable lug	
Tools	
Screwdriver	
Crimping tools	
Marking systems	
Tags	
For detailed information on further accessories and their use see chapter "Accessories".	

WTD 6/4 FF

Feed-through terminal



11 x 76.5 x 52
 41 / 6
 0.13 ... 6



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
800	600	600	
500 V for use as test-disconnect terminal			
41	30	30	
6	AWG 26 ... 10	AWG 26 ... 10	
1.2 ... 1.9			
IEC			

Type	Qty.	Order No.
WTD 6/4 FF	50	1887220000
insulated cable lug needed		

Type	Qty.	Order No.
ZQV 10/2	25	1739680000
WAP WTL6/4FF	20	1887240000
EWK 1/TS 32	100	0206160000
WEW 35/2 / TS 35	100	1061200000
EW 35 /SCHA/M3	100	0258660000
BS M3x20		0303000000
BS M3x20 CuNi		0377100000
VH 13.5		0248500000
QL 2 WTL 6/4 FF		1897010000
QL 3 WTL 6/4 FF		1897020000
QL 4 WTL 6/4 FF		1897030000
QL 10 WTL 6/4 FF		1897090000
QL 50 WTL 6/4 FF		1897100000
Q 2 WTL 6/4 FF		1897110000
Q 3 WTL 6/4 FF		1897120000
Q 4 WTL 6/4 FF		1897130000
Q 10 WTL 6/4 FF		1897190000
DS 13.5 WTL 6/4		1897000000
QS 2 (2-pole)		0270760000
LIR 1.5 M4 V		9200090000
LIR 2.5 M4 V		9200170000
LIR 6 M4 V		9200230000
SDI 0.8 x 4.0		9008400000
SD 0.8 x 4.0		9008340000
SDIZ 0.8 x 5.5		9008640000
CTI 6		9006120000
WS 10/5 / DEK 5		
For additional test-disconnect terminal accessories, refer to the Accessories Chapter.		

WTL 35

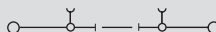
35 mm²

width x length x height with TS 35 x 15	mm
max. current / max. cond. cross-section	A/mm ²
max. clamping range	mm ²

16 / 100 / 68

125 / 35

35



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	

Clamped conductors	
„e“ solid H07V-U	mm ²
„m“ stranded H07V-R	mm ²
„f“ flexible H07V-K	mm ²
„f“ flexible H07V-K mit AEH	mm ²
Tightening torque range clamping screw	Nm
Tightening torque slider screw	Nm
Stripping length/Clamping screw/Blade size	mm/-

Note

IEC 60 947-7-1

500
125
35
6 / 3
B9 / V-0

Rated connection

4 ... 16
10 ... 35
4 ... 35
4 ... 35
4
1,2
18 / M6 / 6.5 x 1.2

Ordering data

Ausführung	
dark beige Wemid	with 2x test socket
	with 1x test socket
	with Cross-connection channel Type WQV 35

Note

Accessories

End bracket	
width x length x height with TS 35 x 15	18 / 100 / 79.4 mm
End bracket	dark beige Wemid

Cross-connection	
Short-circuit plugs	yellow Wemid
Cross-connection (screwed) / permanent	2-pole

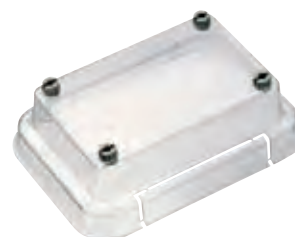
Cover	
width x length x height with TS 35 x 15	155/219/62 mm
Cover	
Fixing element for cover profile	dark beige Wemid

Screwdriver	
	slot-head screwdriver

Type	Current [A]	Qty.	Order No.
WTL 35/2/STB	125	10	1925030000
WTL 35/1/STB	125	10	1925060000
WTL 35/1/STB/WQV	125	10	1925050000

Type	Qty.	Order No.
WEW WTL 35	10	1925040000
WQS 2/16 / 5	5	1925070000
WQV 35/2	50	1053060000

ADHB / 8 WTL 35	1	2334730000
BFEL + BEMU WEW WTL 35	20	1964820000
SD 1.2 x 6.5 x 150	1	9009010000

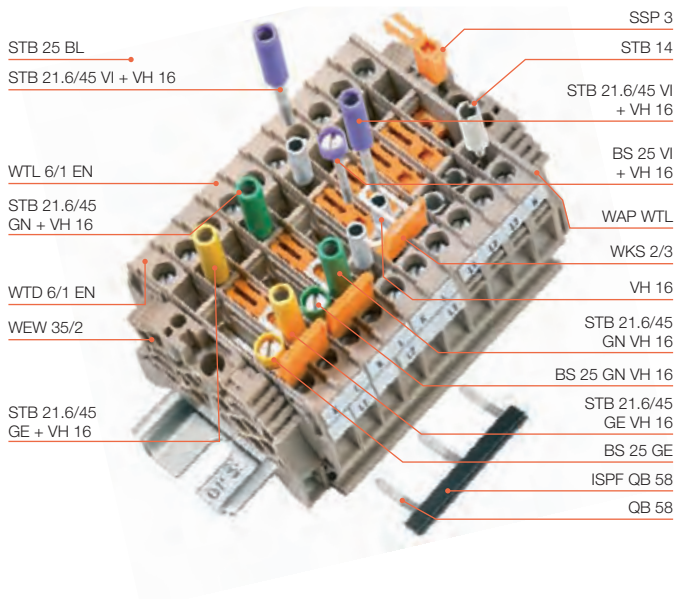


Marking systems	
	Marking tags

WS 12/6

Test-disconnect terminals

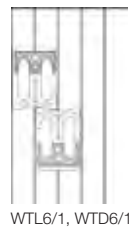
Accessories for test-disconnect terminals



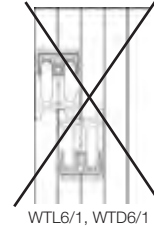
Cross-connection slider QVS ...

Connection sleeves VH 19 and fixing screws BS 25 (or sockets StB 35) are required for fastening the QVS in the individual terminals. The fixing screws have an insulating sleeve as colour marking and a screwdriver guide. Cross-connection sliders are designed so that the sockets inserted in the terminals remain available for test plugs at every position. The 2-pole version type QVS 2S is designed to slide with test plugs plugged in. If the option of testing is required when the QVS is plugged in, socket StB 35 can be used for fastening. The clearance and creepage sections required for the rated voltage of the terminal are changed when accessories are fitted. Sockets **type StB** are screwed into the busbar of the terminal. They take test plugs type PS4 or cross-connectors type QS2.

QVSK 2 (167036)



QVS 2 (030730)



Note:
QVS 2 cannot be switched offset to each other.

Technical data

Rated voltage		for neighbouring	
for neighbouring	rated voltage	for neighbouring	rated voltage
QVS	63 V	STB 25	63 V
WQV	up to 400 V	STB 30.5	63 V
QL	250 V	STB 35	63 V

SSP WTL, SSP 3 and SSP 4 prevent unwanted opening or closing of current circuits. They block the disconnecting slider in its particular position. The lockout device is easily pressed into the terminal, but can only be removed again with a tool.

To retain the rated voltage, partition plates TW or partition discs TSch have to be used, except with WQV.



Type	Qty.	Order No.
SSP 3	100	0531760000
SSP 4	20	1319360000
SSP WTL	100	1604200000

QVS 1

Cross-connection slider



QVS QVS QVSK 2 QVS 2S

Type	No. of poles	Qty.	Order No.
QVS 2	2	20	0307300000
QVSK 2	2	20	1670360000
QVS 3	3	20	0329300000
QVS 4	4	20	0307400000
QVS 2S	2	20	0358460000

STB

Cross-connection slider



Type	Colour	Qty.	Order No.
STB 14			
STB 14		50	0169900000
STB 25			
STB 21.6/45 BL	blue	50	1936290000
STB 21.6/45 DB	d. blue	50	1938790000
STB 21.6/45 GE	yellow	50	1936240000
STB 21.6/45 GN	green	50	1936250000
STB 21.6/45 GR	grey	50	1936280000
STB 21.6/45 RT	red	50	1936300000
STB 21.6/45 SW	black	50	1936270000
STB 21.6/45 VI	violet	50	1936260000
STB 30.5			
STB 30.5	black	50	0341000000
STB 30.5	grey	50	0341100000
STB 30.5	blue	50	0341200000
STB 30.5	red	50	0341300000
STB 30.5	green	50	0341400000
STB 30.5	yellow	50	0341500000
STB 30.5	violet	50	0341600000
STB 35			
STB 35	yellow	50	0389000000
STB 35	green	50	0388900000
STB 35	violet	50	0389100000
STB 35	black	50	0388500000
STB 35	grey	50	0388600000
STB 35	blue	50	0388700000
STB 35	red	50	0388800000

Accessories for test-disconnect terminals

BS fixing screws

VH connecting sleeves

WQV cross-connections

WQV cross-connections allow for finger and hand-safe connection between neighbouring terminals in accordance with VBG 4.

QL cross-connection lug

Model QL cross-connection links serve as fixed (i.e. non-switchable) cross-connections when used with WLT 6.1 test-disconnect terminals. They are fastened with connecting sleeves VH 12 and fixing screws BS M 3 x 20 (or sockets StB 30.5). The clearance and creepage distances required for the rated voltage of the terminal can be changed when accessories are installed. This applies in particular to the cross-connection of neighbouring terminals of differing potential.

WKB / WKS cross-connection bridge

WKB can be inserted from above in the case of cross-disconnect terminal type WTQ 6/1. The integrated disconnect slider is then responsible for connection or disconnection.

QS2 cross-connection plug

For sockets diameter 4 mm, for loads up to 44 A.

BS / VH



Type	Colour	Qty.	Order No.
Fixing screws			
BS 25	yellow	50	0335700000
BS 25	green	50	0335600000
BS 25	violet	50	0335800000
BS 25	grey	50	0335300000
BS 25	black	50	0335200000
BS 25	blue	50	0335400000
BS 25	red	50	0335500000
BS 25	blank	50	0334700000
KISC M3X20		100	0377100000
SAK10 CU5			
Connecting sleeves			
VH 19		50	0318000000
CuZn 39 (brass alloy)			
VH 12		100	0249000000
E-Cu 57 (copper alloy)			

WQV / QL



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

Type	No. of poles	Qty.	Order No.
WQV			
WQV 6/2	2	50	1052360000
WQV 6/3	3	50	1054760000
WQV 6/4	4	50	1054860000
WQV 6/5	5	50	1062660000
WQV 6/7	7	50	1062680000
WQV 6/10	10	20	1052260000
WQV 2/2	2	50	1936150000
WKS 2/3	3	50	1936140000
QL			
QL 2	2	50	0194300000
QL 3	3	50	0194400000
QL 4	4	50	0194500000
QL 5	5	50	0220500000
QL 6	6	50	0220600000
QL 10	10	20	0338300000
QL 15	15	10	0221200000

WKS / WKB



WKS

WKB

Type	No. of poles	Qty.	Order No.
WQV			
WKB 1/2	2	50	1604280000
WKB 1/3	3	50	1604300000
WKB 1/4	4	50	1604320000
WKB 1/10	10	20	1604330000
WKS			
WKS 1/2	2	50	1604270000
WKS 1/3	3	50	1604290000
WKS 1/4	4	50	1604310000
WKS 2/2	2	50	1936150000
WKS 2/3	3	50	1936140000

QS 2



Type	No. of poles	Qty.	Order No.
WQV			
QS 2	2	20	0270960000
x = 8 mm, y = 16 mm			
QS 2	2	20	0270860000
x = 10 mm, y = 20 mm			
QS 2	2	20	0270760000
x = 12 mm, y = 20 mm			