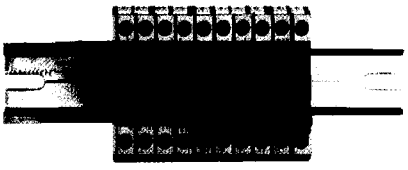
Screw Clamp 35 mm DIN-Rail Terminal Disconnect

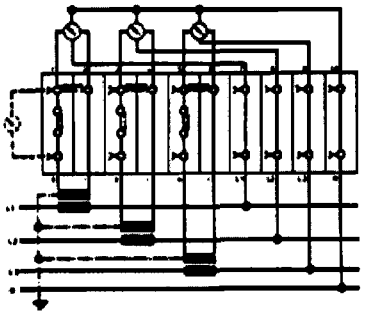
Disconnect Terminals

Slide link disconnect terminals offer a superior solution for simple current transformer circuits and measurement transformer test sets using WTL 6/1 lateral disconnect terminals, WTD 6/1 feed through terminals and WTQ 6/1 cross disconnect terminals.

Current transformers must always have a closed secondary circuit, even when changing measuring equipment (see schematic below).

The **WTL 6/2** and **WTL 6/3** provide lateral slide link disconnect, but also include short circuit jumper (WKS). Connections for test equipment are an integral part of the housing.





Stationary Jumpers

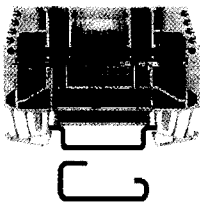
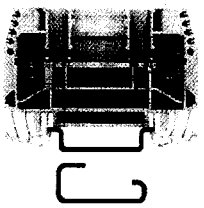
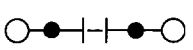
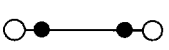
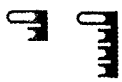
QL and WQV jumpers serve as fixed cross-connections for the Disconnect Terminals. The QL jumpers require the use of a jumper screw (BS M) and a screw sleeve (VH) when attaching the jumper to the current bar. The WQV jumpers are provided with a retained jumper screw.

Sliding Jumpers

QS, QVS, and WKS jumpers are sliding jumpers. These jumpers are used to temporarily connect or disconnect adjacent terminal blocks. When the jumper screws are loose, the jumper can move to either open or close the cross connection between blocks. Tightening the jumper screws holds the jumper in either the open (disconnected) or closed (shorted) position.

WKB jumpers work in a similar manner except that the jumpers remain fixed. An internal sliding connection link connected to the current bar either opens or closes the connection based on whether the link is in contact with the jumper or not.

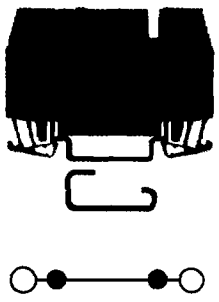
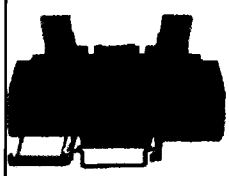
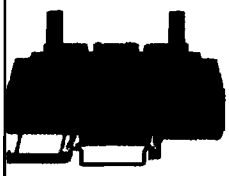
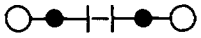
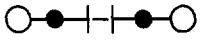
SSP disconnect locks snap into the terminal block. These locks must be removed to change the position of the sliding link connection.

			WTL 6/1 Lateral disconnect		WTD 6/1 Feed through	
						
						
					Note: WTD is used with WTL	
Dimensions						
Width/Length/Height mm (in.)	With TS 35 x 7.5 ⎵		8 / 65 / 48.2 (.31"/2.56"/1.7")		8 / 65 / 48.2 (.31"/2.56"/1.7")	
	With TS 32 ⊏		8 / 65 / 52.2 (.31"/2.56"/2.06")		8 / 65 / 52.2 (.31"/2.56"/2.06")	
Insulation stripping length		mm (in.)	12 (.47")		12 (.47")	
Technical data						
Rated voltage/rated current/wire size		UL	300V/45A/#20...8 AWG		300V/45A/#20...8 AWG	
		CSA	300V/45A/#20...8 AWG		300V/45A/#20...8 AWG	
		VDE	400VAC / 41A / 6mm²		400VAC / 41A / 6mm²	
Torque		Nm (lb. in.)	1.6 (14.2)		1.6 (14.2)	
Clamping screw		M	3.5/3		3.5/3	
Ordering data		**Version**	⎵	⊏	⎵	⊏
	With test socket	Beige Wemid	**101690**	**101700**		
	Without test socket	Beige Wemid	**101670**	**101680**	**101710**	**101720**
End plate/partition			**Type**	**Cat. No.**	**Type**	**Cat. No.**
		Beige Wemid	WAP WTL	**106830**	WAP WTL	**106830**
		Beige Wemid	WTW WTL	**106840**	WTW WTL	**106840**
Small partition						
			TSch 2	**35366**	TSch 2	**35366**
Jumpers*						
	QL	Stationary Jumpers 2-pole	QL 2	**19430**	QL 2	**19430**
		3-pole	QL 3	**19440**	QL 3	**19440**
		4-pole	QL 4	**19450**	QL 4	**19450**
		10-pole	QL 10	**33830**	QL 10	**33830**
		Jumper screw	BS M 3x20 Cu	**37710**	BS M 3x20 Cu	**37710**
		Screw sleeve	VH 12	**24900**	VH 12	**24900**
	WKB	Sliding Jumpers 2-pole	QS 2	**27096**	QS 2	**27096**
		3-pole	QVS 2	**30730**	QVS 2	**30730**
		4-pole	QVS 3	**32930**	QVS 3	**32930**
		10-pole	QVS 4	**30740**	QVS 4	**30740**
	WKS	Jumper screw	BS 25 bare	**33470**	BS 25 bare	**33470**
		Screw sleeve	VH 19	**31800**	VH 19	**31800**
Sockets						
Socket Type StB 25 accepts test plug PS 4 in Type WTL 6/1 disconnector terminals or Type QS jumpering plugs. The Type StB 35 is used for simultaneous testing with inserted jumpering slides (QVS).			StB 25 yellow	**26720**		
			StB 25 green	**27120**		
			StB 25 violet	**27130**		
			StB 35 yellow	**38900**		
			StB 35 green	**38890**		
			StB 35 violet	**38910**		
			StB 14	**16990**		
Disconnect lock						
 Prevents undesired opening of the disconnector			SSP 3	**53176**		
Test plug						
		For #12 AWG wire	PS 4	**29960**	PS 4	**029960**
Marking tags		**Print**				
Note: Part numbers are shown for a single card of pre-printed tags numbered 1-50. For additional information, see section 5.		Consecutive horizontal	FW 8	**1653340001**	FW 8	**1653340001**
		Consecutive vertical	FS 8	**1653350001**	FS 8	**1653350001**

See Section 5 for mounting rails, end brackets, additional marking material and accessories

*Final number indicates the number of poles.
See Accessories Section (5) for additional pole numbers and information.

*Disconnect slide link screw

WTQ 6/1 Cross disconnect	**WTL 6/2** Test plugs accept open style male leads	**WTL 6/3/STB** Test plugs accept open sheathed male leads
		
		
8 / 65 / 48.2 (.31"/2.56"/1.7")	8 / 87 / 61.8 (.31"/3.43"/2.43")	8 / 87 / 61.8 (.31"/3.43"/2.43")
8 / 65 / 52.2 (.31"/2.56"/2.06")	8 / 87 / 61.8 (.31"/3.43"/2.62")	8 / 87 / 61.8 (.31"/3.43"/2.62")
12 (.47")	12 (.47")	12 (.47")
300V / 45A / #20... 8 AWG	300V / 45A / #20... 8 AWG	–
300V / 45A / #20... 8 AWG	–	–
400VAC / 41A / 6mm²	400VAC / 41A / 6mm²	400VAC / 41A / 6mm²
#20... 8	#20...8	
1.6 (14.2)	1.6 (14.2)	1.6 (14.2)
3.5/3*	3.5/3*	3.5/3*
101810 **101820**	**101770** **101780**	**101860** **101870**
101790 **101800**		**101880** **101890**
Type **Cat. No.**	**Type** **Cat. No.**	**Type** **Cat. No.**
WAP WTL **106830**		
WTW WTL **106840**		
TSch 2 **35366**		
QL 2 **19430**	WQV 6/2 **105236**	WQV 6/2 **105236**
QL 3 **19440**	WQV 6/3 **105476**	WQV 6/3 **105476**
QL 4 **19450**	WQV 6/4 **105486**	WQV 6/4 **105486**
QL 10 **33830**	WQV 6/10 **105226**	WQV 6/10 **105226**
BS M 3x20 Cu **37710**		
VH 12 **24900**		
WKB 1/2 **160428**	WKS 1/2 **160427**	WKS 1/2 **160427**
WKB 1/3 **160430**	WKS 1/3 **160429**	WKS 1/3 **160429**
WKB 1/4 **160432**	WKS 1/4 **160431**	WKS 1/4 **160431**
WKB 1/10 **160433**		
StB 14 **16990**		StB 21.6/IH/VI **107103**
		StB 21.6/IH/GN **107102**
		StB 21.6/IH/GE **107101**
		StB 21.6/IH/BE **107100**
SSP 3 **53176**	SSP WTL 6/2 **160420**	SSP WTL 6/2 **160420**
PS 4 **29960**	PS 4 **29960**	PS 4 **29960**
FW 8 **1653340001**	FW 8 **1653340001**	FW 8 **1653340001**
FS 8 **1653350001**	FS 8 **1653350001**	FS 8 **1653350001**