

Instrument isolating terminal with screw connection WK6 TK



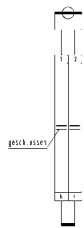
Wieland Electric's **selos** WK 6 TK block offers an optimal DIN rail block solution for all types of measuring circuits of current, voltage or energy. All circuits occurring during everyday practice can be implemented with the Instrument isolating terminal and a few accessories.

Complete insulated selectable connecting links are available as standard, as are insulated test sockets in all conventional signal colors. Two additional jumpering facilities permit the installation of fixed cross connections (e.g., for internal distribution of the k point of converter circuits). Standard cross connectors in a wide variety of numbers of pins are available for this purpose. The jumpers are easy to disconnect so that you can skip over blocks.

Technical data as per EN 60947-7:

Rated cross section:	6 mm ²	Rated current:	32 A
Rated voltage:	400 V	Connection capacity:	0.5-10 mm ²

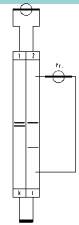
Normal operation



Disconnect point closed

Short circuit contact open

Measured value test



Disconnect point open

Short circuit contact open

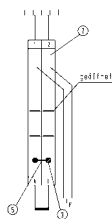
Current transformer short circuit



Disconnect point closed

Short circuit contact closed

Relay test



Disconnect point open

Short circuit contact closed

Accessories Pos.

4 (yellow)

4 (green)

5

4 (violet)

2


1

4 (gray)

2

4 (blue)


3

Description	Type	Part No.	Std. Pack	
				Instrument isolating terminal
General data				
Width / length / height, incl. TS 7.5	8 mm / 87 mm / 49 mm			
Wire strip length	12 mm			
Approvals				
Technical data		IEC	UL	CSA
For use with insulating sleeves	EN 60947-7-1			
Cross section fine-stranded	0.5–6 mm ²			
Cross section solid/stranded	0.5–10 mm ²			
Cross section, AWG	20–8			
Rated current	32 A	45 A	45 A	
Rated voltage	400 V	600 V	300 V	
Rated impulse voltage	6 kV			
Pollution degree	3			

WK6 TK/35

- Instrument isolating terminal for mounting on TS 35
- Nominal cross section 6 mm²



Description	Type	Part No.	Std. Pack	
				Instrument isolating terminal
General data				
Width / length / height, incl. TS 7.5	8 mm / 87 mm / 62 mm			
Wire strip length	12 mm			
Approvals				
Technical data		IEC	UL	CSA
For use with insulating sleeves	EN 60947-7-1			
Cross section fine-stranded	0.5–6 mm ²			
Cross section solid/stranded	0.5–10 mm ²			
Cross section, AWG	20–8			
Rated current	32 A	45 A	45 A	
Rated voltage	400 V	600 V	300 V	
Rated impulse voltage	6 kV			
Pollution degree	3			

WK6 TK P3/35

- Instrument isolating terminal with mounted test sockets for mounting on TS 35
- Nominal cross section 6 mm²

**Accessories for selos WK6 TK.../35**

Accessories	Type	Part No.	Std. Pack	
1. Partition	TW 6 TK	07.312.0453.0	10	
2. Sliding short-circuit slide, insulated	2 pole	IVS WK6 TK-2	Z7.212.2227.0	50
	3 pole	IVS WK6 TK-3	Z7.212.2327.0	50
	4 pole	IVS WK6 TK-4	Z7.212.2427.0	50
3. Cross connector with screws, insulated	2 pole	IVB WK6 TK-2	Z7.212.1227.0	50
	3 pole	IVB WK6 TK-3	Z7.212.1327.0	50
	4 pole	IVB WK6 TK-4	Z7.212.1427.0	50
	5 pole	IVB WK6 TK-5	Z7.212.1527.0	50
	10 pole	IVB WK6 TK-10	Z7.212.2027.0	50
4. Test socket	gray	SB 4 GRAU	05.511.2953.0	10
	violet	SB 4 VIOLETT	05.511.2953.9	10
	green	SB 4 GRÜN	05.511.2953.7	10
	yellow	SB 4 GELB	05.511.2953.8	10
5. Disconnect locking device	blue	SB 4 BLAU	05.511.2953.6	10
		SP WK6 TK	05.563.5453.0	50