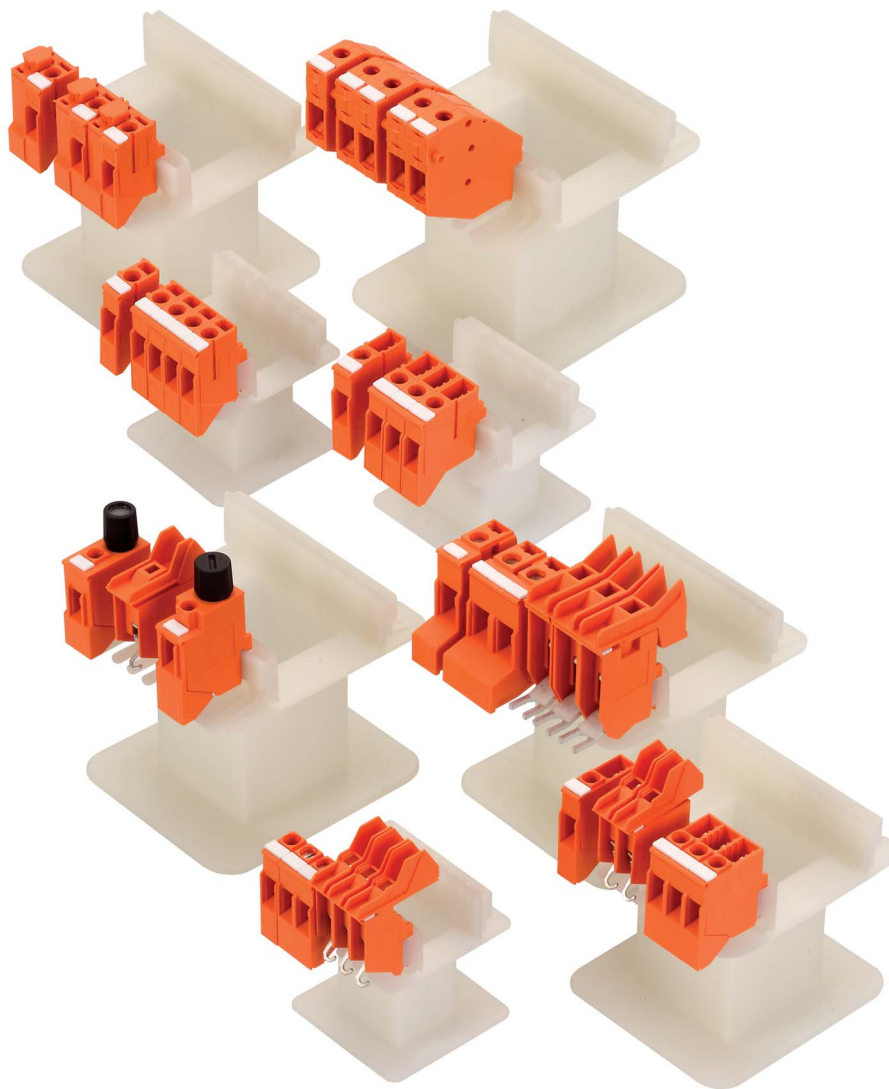


Transformer terminals TKS/TK



Transformer terminals are intended to be directly mounted to a coil with integrated chambers. They can also be mounted on aluminum 10x2 mounting rails. They are used for converting coil ends to screw-/flat-blade connections, for connecting to the device being powered or to parts of the facility.

All transformer terminals feature the proven clamping yoke system which guarantees a vibration-resistant connection. Touch safety in compliance with **VBG 4** is ensured because of the closed housing design (material is polyamide PA 6.6 UL 94-V0). The **PMC SB 7,5** quick marking system is used for labeling the transformer terminals.

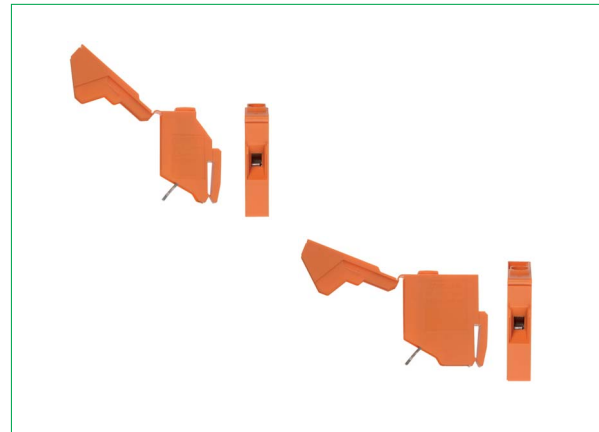


Transformer terminals TKS/TK

The features in detail

Transformer terminals: TKS 4 and TKS 4/F

The **TKS 4** and **TKS 4/F** are available as 1-, 2-, and 3-pole units as block versions in the standard orange and grey colors. Customer-specific colors are available upon request. The **TKS 4** screw connection and the **TKS 4/F** screw-/flat-blade connection (2.8/6.3 mm) are also available. The screw connection is designed for wires up to 4 mm². The solder hook opens to the side and the wide opening of the housing lid stays in the open position above the screwdriver insertion point. These two factors allow the coil wires to be conveniently and quickly soldered.



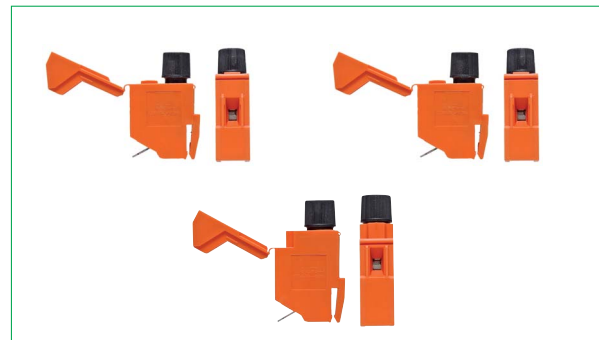
Transformer terminals TKS 10

The **TKS 10s** are available as 1-, 2-, and 3-pole units as block versions in the standard colors orange and grey. Customer-specific colors are available upon request. The screw connection is designed for wires up to 10 mm². The solder hook opens to the side and the wide opening of the housing lid stays in the open position above the screwdriver insertion point. These two factors allow the coil wires to be conveniently and quickly soldered.



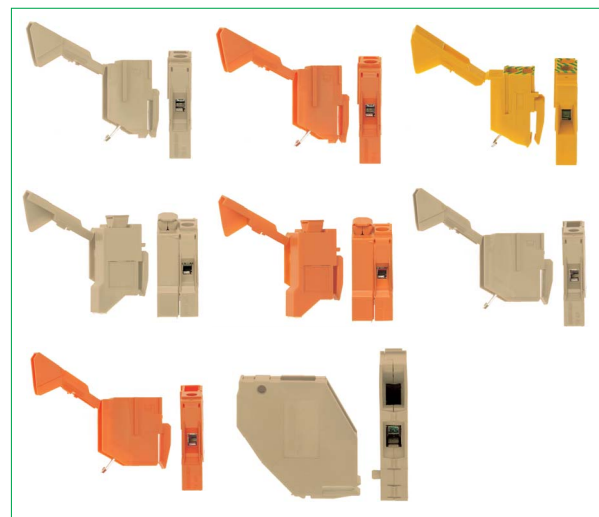
Transformer-fuse terminals TKS 4 SI 5x20, 5x25 and 6,3x32

The **TKS 4 SI** are available in 1-pole units as block versions in the standard colors orange and grey. The screw connection is designed for wires up to 4 mm². A screw cap is used to attach the corresponding 5x20, 5x25 or 6.3x32 micro-fuses in the **TKS 4 SI**.




Transformer terminals TK 4, TK 4/F, TK 10 and TK 4 SI

This modular system uses a dove-tail connection to enable the user to generate any preferred pole count. The trafo terminals are also available directly from in-stock delivery, in standard units from 2 to 10 poles and in orange or beige. Customer-specific colors are available upon request. The **TK 4** screw connection and the **TK 4/F** screw-/flat-blade connection (2.8/6.3 mm) are available in color versions. The screw connection is designed for wires up to 4 mm². The housing for the **TK 10** transformer terminals (10 mm²) and the **TK 4 SI** transformer fuse terminals (4 mm²) are designed as single-pole terminals without a dove-tail connection. A screw cap is used to attach the corresponding 5x20, 5x25 or 6.3 32 micro-fuses in the **TK 4 SI**.



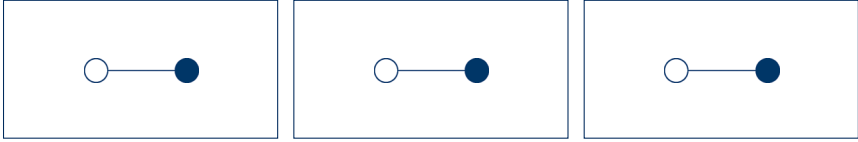
Transformer terminals TKS

Screw connection system




- Housing made from polyamide 6.6 UL 94-V0

Connection diagram




TKS 4/1




M 3

TKS 4/2



M 3

TKS 4/3



M 3

Connection type
Dimensions (L x W x H), mm
Type
Type Color
Cat. no.
Type Color
Cat. no.
Type Color
Cat. no.
Type Color
Cat. no.
Colors available

Screw connection	Qty.
20.5 x 7.5 x 33.1	
TKS 4/1 GR	
1222.6	50
TKS 4/1 OG	
1222.3	50

Screw connection	Qty.
20.5 x 15 x 33.1	
TKS 4/2 GR	
1223.6	25
TKS 4/2 OG	
1223.3	25

Screw connection	Qty.
20.5 x 22.5 x 33.1	
TKS 4/3 GR	
1224.6	20
TKS 4/3 OG	
1224.3	20

Ratings
Rated voltage, V
Rated current, A
Rated wire cross-section, mm ² AWG
Rated impulse voltage, kV Contamination degree
Plug gauge acc. to EN 60 947-1 Flamm. class acc. to UL 94
Connection data
Single wire (solid) / Stranded (flexible) mm ²
Flexible/Flexible (w/ferrules acc. to DIN 46 228/1) mm ²
Contact wire range, mm ²
Stripping length, mm
Torque, Nm Screw
Flat-blade connection, mm

IEC	CSAus	CSA
800	600	600
32	30	30
4 22-10		
8 3		
A3 V0		
0,2-6 -		
0,2-6 0,2-4		
0,2-6		
8		
0,5-1,0		
-		

IEC	CSAus	CSA
800	600	600
32	30	30
4 22-10		
8 3		
A3 V2		
0,2-6 -		
0,2-6 0,2-4		
0,2-6		
8		
0,5-1,0		
-		

IEC	CSAus	CSA
800	600	600
32	30	30
4 22-10		
8 3		
A3 V2		
0,2-6 -		
0,2-6 0,2-4		
0,2-6		
8		
0,5-1,0		
-		

Material of insulated housing Temperature range	PA 6.6 -40 to +120°C
Number of cross-connection channels Test pick-off	- 1

Material of insulated housing Temperature range	PA 6.6 -40 to +120°C
Number of cross-connection channels Test pick-off	- 2

Material of insulated housing Temperature range	PA 6.6 -40 to +120°C
Number of cross-connection channels Test pick-off	- 3

Material of insulated housing Temperature range	PA 6.6 -40 to +120°C
Number of cross-connection channels Test pick-off	- 3

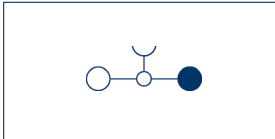
Accessories	Page	Qty.
Quick marking PMC SB		
Cat. no.		
Quick marking PMC SB		
Cat. no.		
Screwdriver SDB		
Cat. no.		

PMC SB 7,5/40 WH	341	400
9326.7		
PMC SB 7,5/40 So WH	341	400
3327.7		
SDB 0.6x3.5	422	1
1086.0		

PMC SB 7,5/40 WH	341	400
9326.7		
PMC SB 7,5/40 So WH	341	400
3327.7		
SDB 0.6x3.5	422	1
1086.0		

PMC SB 7,5/40 WH	341	400
9326.7		
PMC SB 7,5/40 So WH	341	400
3327.7		
SDB 0.6x3.5	422	1
1086.0		

TKS 4/1 F

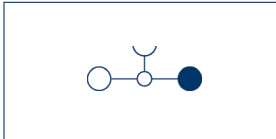
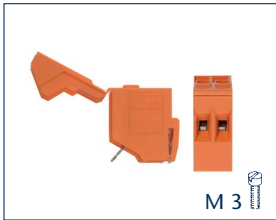


Transformation terminal
1 screw connection /
1 flat-blade connection

Screw connection
27.7 x 7.5 x 33.1

	Qty.	
TKS 4/1/F GR	1225.6	50
TKS 4/1/F OG	1225.3	50

TKS 4/2 F

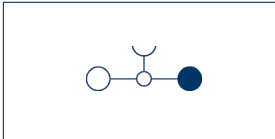
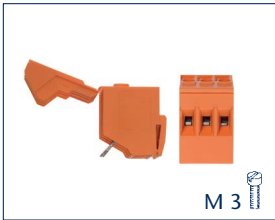


Transformation terminal
2 screw connections /
2 flat-blade connections

Screw connection
27.7 x 15 x 33.1

	Qty.	
TKS 4/2/F GR	1226.6	25
TKS 4/2/F OG	1226.3	25

TKS 4/3 F



Transformation terminal
3 screw connections /
3 flat-blade connections

Screw connection
27.7 x 22.5 x 33.1





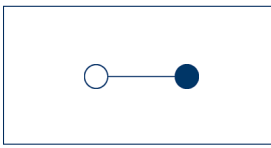
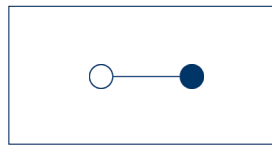
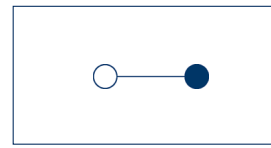
	Qty.	
TKS 4/3/F GR	1227.6	20
TKS 4/3/F OG	1227.3	20

3 6		
IEC	CSAus	CSA
800	600	600
32	30	30
4 22-10		
8 3		
A3 V2		
0,2-6 -		
0,2-6 0,2-4		
0,2-6		
8		
0,5-1,0		
6.3/2 x 2.8 x 0.8		
PA 6.6 -40 to +120°C		
- 1		
Page	Qty.	
PMC SB 7,5/40 WH	341	400
9326.7		
PMC SB 7,5/40 So WH	341	400
3327.7		
SDB 0.6x3.5	422	1
1086.0		

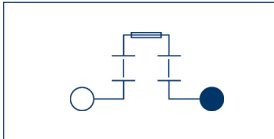
3 6		
IEC	CSAus	CSA
800	600	600
32	30	30
4 22-10		
8 3		
A3 V2		
0,2-6 -		
0,2-6 0,2-4		
0,2-6		
8		
0,5-1,0		
6.3/2 x 2.8 x 0.8		
PA 6.6 -40 to +120°C		
- 2		
Page	Qty.	
PMC SB 7,5/40 WH	341	400
9326.7		
PMC SB 7,5/40 So WH	341	400
3327.7		
SDB 0.6x3.5	422	1
1086.0		

3 6		
IEC	CSAus	CSA
800	600	600
32	30	30
4 22-10		
8 3		
A3 V2		
0,2-6 -		
0,2-6 0,2-4		
0,2-6		
8		
0,5-1,0		
6.3/2 x 2.8 x 0.8		
PA 6.6 -40 to +120°C		
- 3		
Page	Qty.	
PMC SB 7,5/40 WH	341	400
9326.7		
PMC SB 7,5/40 So WH	341	400
3327.7		
SDB 0.6x3.5	422	1
1086.0		

Transformer terminals TKS | Transformer-fuse terminals TKS../SI

Screw connection system	TKS 10/1	TKS 10/2	TKS 10/3
 <ul style="list-style-type: none"> Housing made from polyamide 6.6 UL 94-V0 	 <p>M 4</p>	 <p>M 4</p>	 <p>M 4</p>
Connection diagram	 <p>Transformer terminal 1 screw connection</p>	 <p>Transformer terminal 2 screw connections</p>	 <p>Transformer terminal 3 screw connections</p>
Connection type	Screw connection	Screw connection	Screw connection
Dimensions (L x W x H), mm	37.5 x 11.25 x 39.5	37.5 x 22.5 x 39.5	37.5 x 23.75 x 39.5
Type			
Type Color	TKS 10/1 OG	TKS 10/2 OG	TKS 10/3 OG
Cat. no.	17032.3	17033.3	17046.3
Qty.	50	25	20
Type Color	TKS 10/1 GR	TKS 10/2 GR	TKS 10/3 GR
Cat. no.	17032.6	17033.6	17046.6
Qty.	50	25	20
Colors available			
Ratings			
Rated voltage, V	800	800	800
Rated current, A	57	57	57
Rated wire cross-section, mm ² AWG	10 8	10 8	10 8
Rated impulse voltage, kV Contamination degree	8 3	8 3	8 3
Plug gauge acc. to EN 60 947-1 Flamm. class acc. to UL 94	B6 V0	B6 V0	B6 V0
Connection data			
Single wire (solid) stranded (flexible) mm ²	0,2-16 0,2-16	0,2-16 0,2-16	0,2-16 0,2-16
Flexible/Flexible (w/ferrules acc. to DIN 46 228/1) mm ²	0,2-10 0,2-10	0,2-10 0,2-10	0,2-10 0,2-10
Contact wire range, mm ²	0,6 - 16	0,6 - 16	0,6 - 16
Stripping length, mm	14	14	14
Torque, Nm Screw	1.2 - 2.0 Slotted M4	1.2 - 2.0 Slotted M4	1.2 - 2.0 Slotted M4
Fuse size	-	-	-
Features			
Material of insulated housing Temperature range	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C	PA 6.6 -40 to +120°C
Accessories			
Quick marking PMC SB, blank	PMC SB 7,5/40 WH	PMC SB 7,5/40 WH	PMC SB 7,5/40 WH
Cat. no.	9326.7	9326.7	9326.7
Qty.	341	341	341
Quick marking PMC SB, customer-specific	PMC SB 7,5/40 So WH	PMC SB 7,5/40 So WH	PMC SB 7,5/40 So WH
Cat. no.	3327.7	3327.7	3327.7
Qty.	341	341	341
Screwdriver SDB	SDB 0.6x3.5	SDB 0.6x3.5	SDB 0.6x3.5
Cat. no.	1086.0	1086.0	1086.0
Qty.	422	422	422

TKS 4/SI 5x20

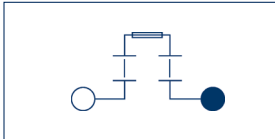


Transformer-fuse terminal
1 screw connection

Screw connection
28.3 x 12.5 x 43.9

	Qty.
TKS 4/SI 5x20 OG 17030.3	50
TKS 4/SI 5x20 GR 17030.6	50

TKS 4/SI 5x25

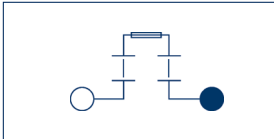


Transformer-fuse terminal
1 screw connection

Screw connection
28.3 x 12.5 x 43.9

	Qty.
TKS 4/SI 5x25 OG 17047.3	50
TKS 4/SI 5x25 GR 17047.6	50

TKS 4/SI 6,3x32



Transformer-fuse terminal
1 screw connection

Screw connection
28.3 x 12.5 x 49.4

	Qty.
TKS 4/SI 6,3x32 OG 17031.3	50
TKS 4/SI 6,3x32 GR 17031.6	50

IEC*	CSAus*	CSA*
250	600	600
10*	10	10
4 12		
8 3		
A4 V0		
0,2-6 -		
0,2-6 0,2-4		
0,2-6		
8		
0.5 - 1.0 Slotted M3		
5 x 20		
PA 6.6 -40 to +120°C		

IEC*	CSAus*	CSA*
400	600	600
10*	10	10
4 12		
8 3		
A4 V0		
0,2-6 -		
0,2-6 0,2-4		
0,2-6		
8		
0.5 - 1.0 Slotted M3		
5 x 25		
PA 6.6 -40 to +120°C		

IEC*	CSAus*	CSA*
500	600	600
10*	10	10
4 12		
8 3		
A4 V0		
0,2-6 -		
0,2-6 0,2-4		
0,2-6		
8		
0.5 - 1.0 Slotted M3		
6.3 x 32		
PA 6.6 -40 to +120°C		

* =Depending on the type of fuse in use.

Page	Qty.
PMC SB 7,5/40 WH 9326.7	341 400
PMC SB 7,5/40 So WH 3327.7	341 400
SDB 0.6x3.5 1086.0	422 1

Page	Qty.
PMC SB 7,5/40 WH 9326.7	341 400
PMC SB 7,5/40 So WH 3327.7	341 400
SDB 0.6x3.5 1086.0	422 1

Page	Qty.
PMC SB 7,5/40 WH 9326.7	341 400
PMC SB 7,5/40 So WH 3327.7	341 400
SDB 0.6x3.5 1086.0	422 1

Transformer terminals TK | Transformer-fuse terminals TKS../SI

Screw connection system



• Housing made from polyamide 6.6 UL 94-V0

Connection diagram

Connection type

Dimensions (L x W x H), mm

Type

Type Color

Cat. no.

Type Color

Cat. no.

Type Color

Cat. no.

Type Color

Cat. no.

Type/color

Cat. no.

Type Color

Cat. no.

Type Color

Cat. no.

Type Color

Cat. no.

Type/color

Cat. no.

Type Color

Cat. no.

Colors available

Ratings

Rated voltage, V

Rated current, A

Rated wire cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) / Stranded (flexible) mm²

Flexible/Flexible (w/ferrules acc. to DIN 46 228/1) mm²

Contact wire range, mm²

Stripping length, mm

Torque, Nm | Screw

Flat-blade connection, mm

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off

Accessories

Quick marking PMC SB

Cat. no.

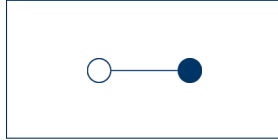
Quick marking PMC SB

Cat. no.

Screwdriver SDB

Cat. no.

TK 4



Transformer terminal
1 screw connection per pole

Screw connection

20.5 x 7.5 x 33.1

Qty.

TK 4/1 BG

1141.2

50

TKS 4/2 BG

1142.2

25

TKS 4/3 BG

1143.2

20

TKS 4/4 BG

1144.2

15

TKS 4/5 BG

1145.2

10

TKS 4/6 BG

1146.2

10

TKS 4/7 BG

1147.2

10

TKS 4/8 BG

1148.2

5

TKS 4/9 BG

1149.2

5

TKS 4/10 BG

1150.2

5

②

IEC

CSAus*

CSA*

800

600

600

32

30

30

4 | 22-10

8 | 3

A5 | V0

0,2-6 | -

0,2-6 | 0,2-4

0,2-6

9

0,5-1,0

-

PA 6.6 | -40 to +120°C

- | -

Page

Qty.

PMC SB 7,5/40 WH

9326.7

341

400

PMC SB 7,5/40 So WH

3327.7

341

400

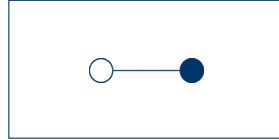
SDB 0.6x3.5

1086.0

422

1

TK 4



Transformer terminal
1 screw connection per pole

Screw connection

20.5 x 7.5 x 33.1

Qty.

TK 4/1 OG

1141.3

50

TKS 4/2 OG

1142.3

25

TKS 4/3 OG

1143.3

20

TKS 4/4 OG

1144.3

15

TKS 4/5 OG

1145.3

10

TKS 4/6 OG

1146.3

10

TKS 4/7 OG

1147.3

10

TKS 4/8 OG

1148.3

5

TKS 4/9 OG

1149.3

5

TKS 4/10 OG

1150.3

5

③

IEC

CSAus*

CSA*

800

600

600

32

30

30

4 | 22-10

8 | 3

A5 | V0

0,2-6 | -

0,2-6 | 0,2-4

0,2-6

9

0,5-1,0

-

PA 6.6 | -40 to +120°C

- | -

Page

Qty.

PMC SB 7,5/40 WH

9326.7

341

400

PMC SB 7,5/40 So WH

3327.7

341

400

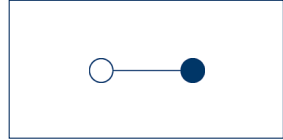
SDB 0.6x3.5

1086.0

422

1

TK 4



Transformer terminal
1 screw connection per pole

Screw connection






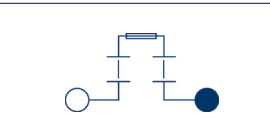
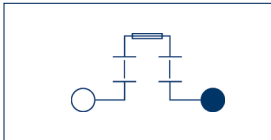
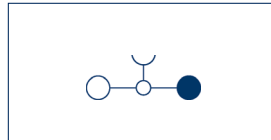
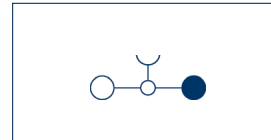
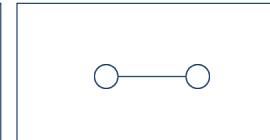
20.5 x 7.5 x 33.1

Qty.

TK 4/1 GNYE

1136.8

50

TK 4/SI			TK 4/SI			TK 4/F			TK 4/F			TK 10			
															
															
Transformer-fuse terminal 1 screw connection per pole			Transformer-fuse terminal 1 screw connection per pole			Transformer terminal 1 screw connection per pole / 1 flat-blade connection			Transformer terminal 1 screw connection per pole / 1 flat-blade connection			Transformer terminal 1 screw connection per pole			
Screw connection			Screw connection			Screw connection			Screw connection			Screw connection			
20.5 x 15 x 37			20.5 x 15 x 37			27.8 x 7.5 x 33.1			20.5 x 7.5 x 33.1			40.5 x 9 +(ZP 6 mm) x 41			
		Qty.			Qty.			Qty.			Qty.			Qty.	
TK 4/SI 5x20 BG 1139.2 50			TK 4/SI 5x20 OG 1139.3 50			TK 4/1/F BG 1151.2 50			TK 4/1/F OG 1151.3 50			TK 10 OG 1138.3 50			
TK 4/SI 5x25 BG 1140.2 50			TK 4/SI 5x25 OG 1140.3 50			TKS 4/2/F BG 1152.2 25			TKS 4/2/F OG 1152.3 25			TK 10/ZP OG 1161.3 50			
						TKS 4/3/F BG 1153.2 20			TKS 4/3/F OG 1153.3 20			TK 10 BG 1138.2 50			
						TKS 4/4/F BG 1154.2 15			TKS 4/4/F OG 1154.3 15			TK 10/ZP BG 1161.2 50			
						TKS 4/5/F BG 1155.2 10			TKS 4/5/F OG 1155.3 10						
						TKS 4/6/F BG 1156.2 10			TKS 4/6/F OG 1156.3 10						
						TKS 4/7/F BG 1157.2 10			TKS 4/7/F OG 1157.3 10						
						TKS 4/8/F BG 1158.2 5			TKS 4/8/F OG 1158.3 5						
						TKS 4/9/F BG 1159.2 5			TKS 4/9/F OG 1159.3 5						
						TKS 4/10/F BG 1160.2 5			TKS 4/10/F OG 1160.3 5						
²			³			²			³			² ³			
IEC	CSAus*	CSA*	IEC	CSAus*	CSA*	IEC	CSAus*	CSA*	IEC	CSAus*	CSA*	IEC	CSAus*	CSA*	
250	300	300	250	300	300	800	600	600	800	600	600	800	600	600	
10	10	10	10	10	10	32	30	30	32	30	30	57	65	65	
4 22-10			4 22-10			4 22-10			4 22-10			10 22-10			
4 3			4 3			8 3			8 3			8 3			
A5 V0			A5 V0			A5 V0			A5 V0			A5 V0			
0,2-6 -			0,2-6 -			0,2-6 -			0,2-6 -			0,2-6 -			
0,2-6 0,2-4			0,2-6 0,2-4			0,2-6 0,2-4			0,2-6 0,2-4			0,2-6 0,2-4			
0,2-6			0,2-6			0,2-6			0,2-6			0,2-6			
9			9			9			9			12			
0,5-1,0			0,5-1,0			0,5-1,0			0,5-1,0			1,2-2,0			
-			6.3/2 x 2.8 x 0.8			6.3/2 x 2.8 x 0.8			6.3/2 x 2.8 x 0.8			6.3/2 x 2.8 x 0.8			
PA 6.6 -40 to +120°C			PA 6.6 -40 to +120°C			PA 6.6 -40 to +120°C			PA 6.6 -40 to +120°C			PA 6.6 -40 to +120°C			
- -			- -			- -			- -			- -			
Page Qty.		Page Qty.		Page Qty.		Page Qty.		Page Qty.		Page Qty.		Page Qty.		Page Qty.	
PMC SB 7,5/40 WH 9326.7 341 400		PMC SB 7,5/40 WH 9326.7 341 400		PMC SB 7,5/40 WH 9326.7 341 400		PMC SB 7,5/40 WH 9326.7 341 400		PMC SB 7,5/40 WH 9326.7 341 400		PMC SB 7,5/40 WH 9326.7 341 400		PMC SB 7,5/40 WH 9326.7 341 400		PMC SB 7,5/40 WH 9326.7 341 400	
PMC SB 7,5/40 So WH 3327.7 341 400		PMC SB 7,5/40 So WH 3327.7 341 400		PMC SB 7,5/40 So WH 3327.7 341 400		PMC SB 7,5/40 So WH 3327.7 341 400		PMC SB 7,5/40 So WH 3327.7 341 400		PMC SB 7,5/40 So WH 3327.7 341 400		PMC SB 7,5/40 So WH 3327.7 341 400		PMC SB 7,5/40 So WH 3327.7 341 400	
SDB 0.6x3.5 1086.0 422 1		SDB 0.6x3.5 1086.0 422 1		SDB 0.6x3.5 1086.0 422 1		SDB 0.6x3.5 1086.0 422 1		SDB 0.6x3.5 1086.0 422 1		SDB 0.6x3.5 1086.0 422 1		SDB 0.6x3.5 1086.0 422 1		SDB 0.6x3.5 1086.0 422 1	