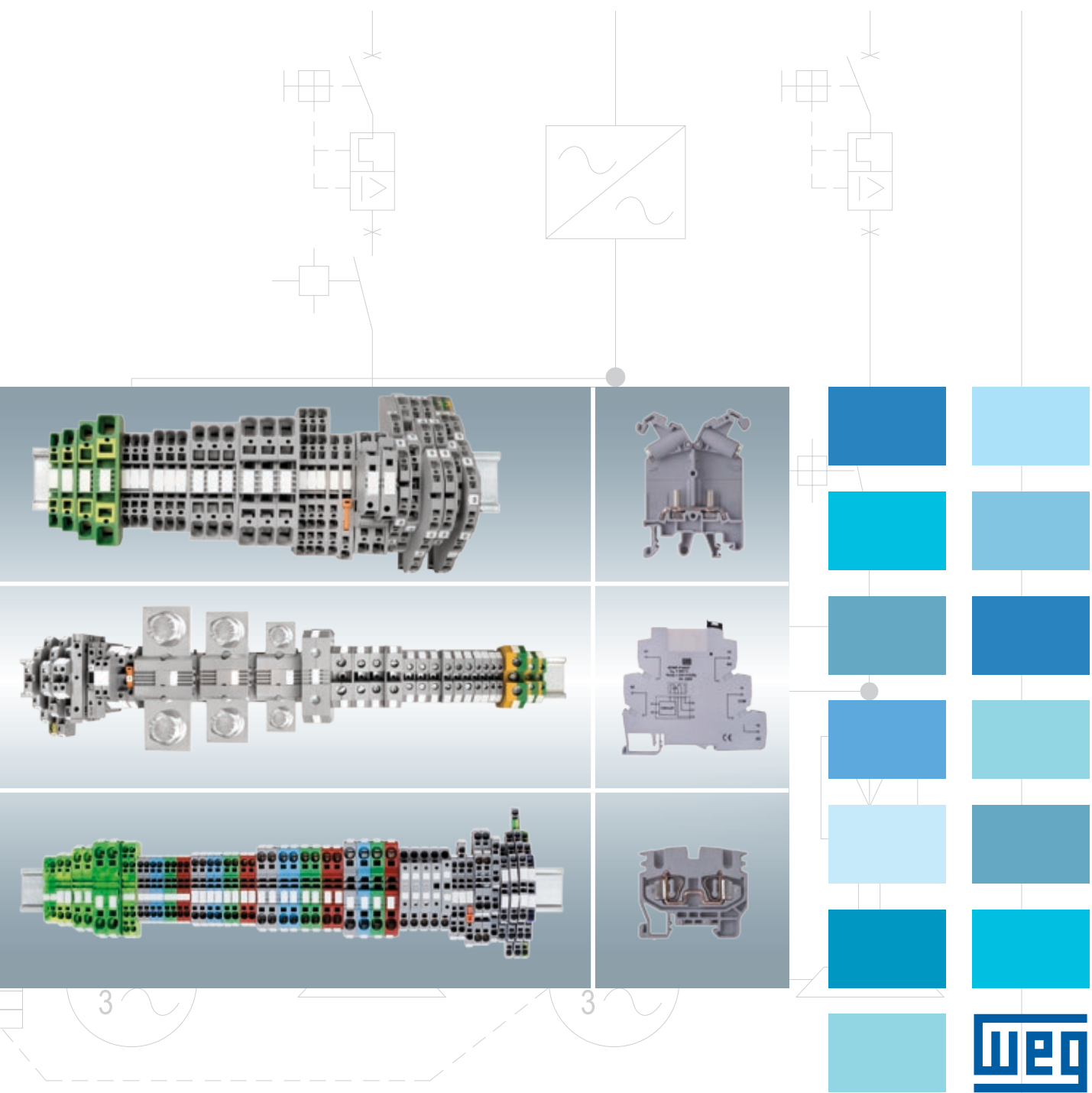


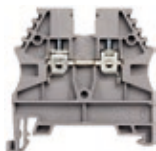
Terminal Blocks

BTW Series



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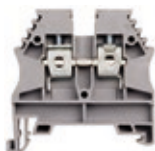
Terminal Blocks



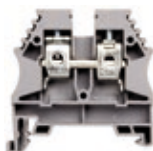
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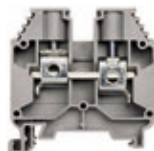
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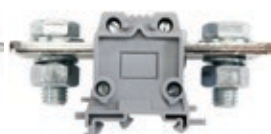


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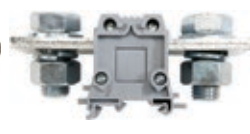
Power Terminal Blocks



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Ground Terminal Blocks



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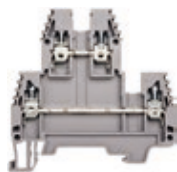


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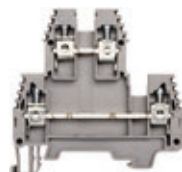


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Double Terminal Blocks



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Triple Terminal Block



BTWT 3
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Double Terminal Block + Ground

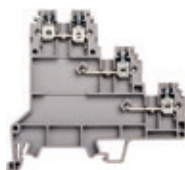


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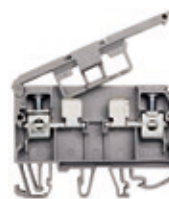
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Triple Terminal Block + Ground



BTWT 3S
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Terminal Block for Sensors



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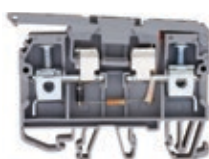
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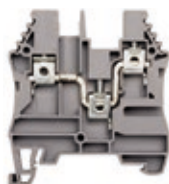
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Terminal Blocks for Fuses

1In-2Out Terminal Block



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Disconnect Terminal Block



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Disconnect / Test Terminal Block



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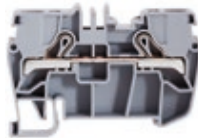
Terminal Blocks



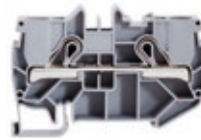
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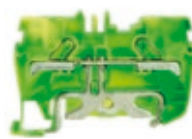
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Double Terminal Blocks



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BTWI 4-2FK
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Triple Terminal Blocks



BTWI 2.5-3F
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Double Terminal Block + Ground



BTWI 2.5-2FT
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Triple Terminal Block + Ground



BTWI 2.5-3FT
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Terminal Block for Sensors



BTWI 3S
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Disconnect Terminal Block



BTWI 2.5A
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Terminal Blocks for Fuses



BTWI S
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1In-2Out Terminal Block



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Double Ground Terminal Block



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BTWM 4-2F
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BTWM 2.5-3F
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Double Terminal Block + Ground



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Triple Terminal Block + Ground



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Mini Terminal Blocks with Screw Type Connection



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Mini Terminal Blocks with Spring Clamp Type Connection



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Terminal Blocks

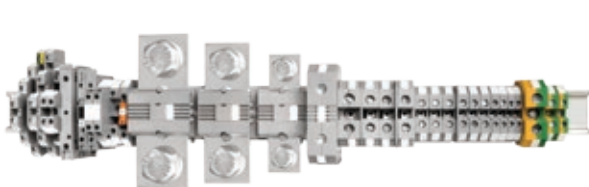
Terminal blocks are devices designed to provide a safe means of electrical and mechanical connection to the majority of the electrical conductors. Among all available connectors, terminal blocks are the most commonly used due to their specific characteristics:

Modularity

All models of terminal blocks are designed to side by side assembly, ensuring the best use of space within the panels.

Easy Installation

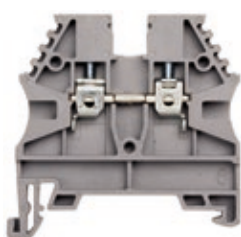
They can be quickly and easily assembled on DIN rail reducing panel assembly time.



Available in versions

- Type of terminals:
 - Screw
 - Spring clamp (push-in)
- Spring clamp
- Screw for cable with ring connector
- Screw for cable with fork connector

Screw Type



BTWP Series



BTWR Series



BTWK Series

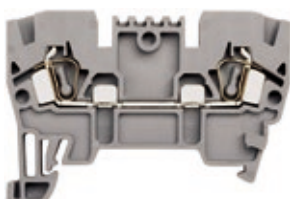
Spring Clamp Type (Push-In)



BTWI Series



Spring Clamp Type



BTWM Series



BTWY Series

Screw Type for Ring and Fork Connectors



BTWO Series



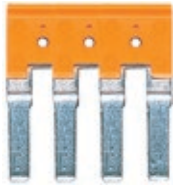
Terminal Blocks

Wide Range of Accessories

- Connecting bridges, identifiers, DIN rail, end plate and end brackets.



PC-BTWP
PC-BTWT
PC-BTWO



PC - BTWM/BTWI



PC-BTWO_I



PC - BTWR



Rail support



End plate



DIN rail



DIN mini rail



Identifiers



PF2



PF3



PF4



PF5

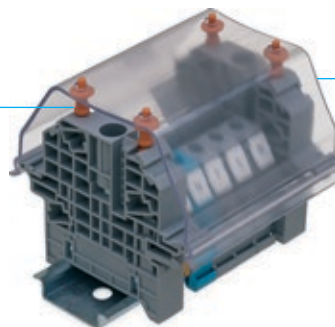


STT-BTW

End brackets



Sealing pin
PF5-BTW PE



Protection cover
TT-BTW



Terminal Blocks

Conductors

Copper and aluminum conductors are used for the connection of terminals, however copper connectors are used more frequently. These conductors are divided into two main categories:

- 1 - Rigid conductors
- 2 - Flexible conductors

Conductors cross sections are distinguished into two standards: metric and AWG.

Metric mm ²	AWG / kcmil	Equivalent cross-sectional area mm ²
0.2	24	0.205
0.34	22	0.324
0.5	20	0.519
0.75	18	0.82
1	-	-
1.5	16	1.3
2.5	14	2.1
4	12	3.3
6	10	5.3
10	8	8.4
16	6	13.3
25	4	21.2
35	2	33.6
50	0	53.5
70	00	67.4
95	000	85
-	0000	107.2
120	250 kcmil	127
150	300 kcmil	152
185	350 kcmil	177
240	500 kcmil	253
300	600 kcmil	304

AWG: (American Wire Gauge) U.S. standard;

1 kcmil: 1,000 cmils;

1 cmil: (1 circular mil);

1 mil: 1/1,000 inch.

Clearance and Creepage Distances

If the clearance distance is less than 3 mm, the smallest width of the groove can be reduced to 1/3 the distance of clearance.

The methods of measurement of clearance and creepage distances are specified in standard IEC 60947-1. Projections decrease creepage distances sharply, so the creepage distance has a projection greater than 2 mm which can be reduced by 80% (figure 1). WEG terminals have pollution degree level 3, according to standard IEC 60947-1.

Level of Pollution	Minimum width "x" in mm
1	0.25
2	1.0
3	1.5
4	2.5

Figure 1

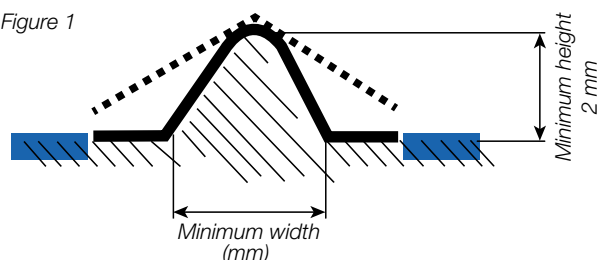
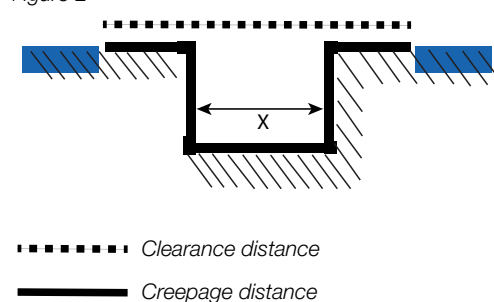


Figure 2



Terminal Blocks

Tightening Torques

For screw type terminals torque values are important. If the connector is tightened less than the required value, resistance and heating may appear. On the contrary, when extreme force is applied during fastening, the molecular structure of the metal would distort and heating could appear in conclusion. Therefore, if the nominal torque values according to IEC are applied, the probable risks would be eliminated.

Torques specified in table 4 of IEC 60947-1	Torque (Nm)		
Screw diameters (mm)	I	II	III
Screws with diameters less than 1.6 mm	0.005	0.1	0.1
1.6 - 2	0.1	0.2	0.2
2 - 2.8	0.2	0.4	0.4
2.8 - 3	0.25	0.5	0.5
3 - 3.2	0.3	0.6	0.6
3.2 - 3.6	0.4	0.8	0.8
3.6 - 4.1	0.7	1.2	1.2
4.1 - 4.7	0.8	1.8	1.8
4.4 - 5.3	1.2	2	2
5.3 - 6	2.5	2.5	3
6 - 8	-	3.5	6
8 - 10	-	4	10
10 - 12	-	-	14
12 - 15	-	-	19
15 - 20	-	-	25
20 - 24	-	-	36
Screws with diameters greater than 24 mm	-	-	50

Column I: applied for headless screws and other cavity-mounted screws - cannot be tightened with screwdrivers.

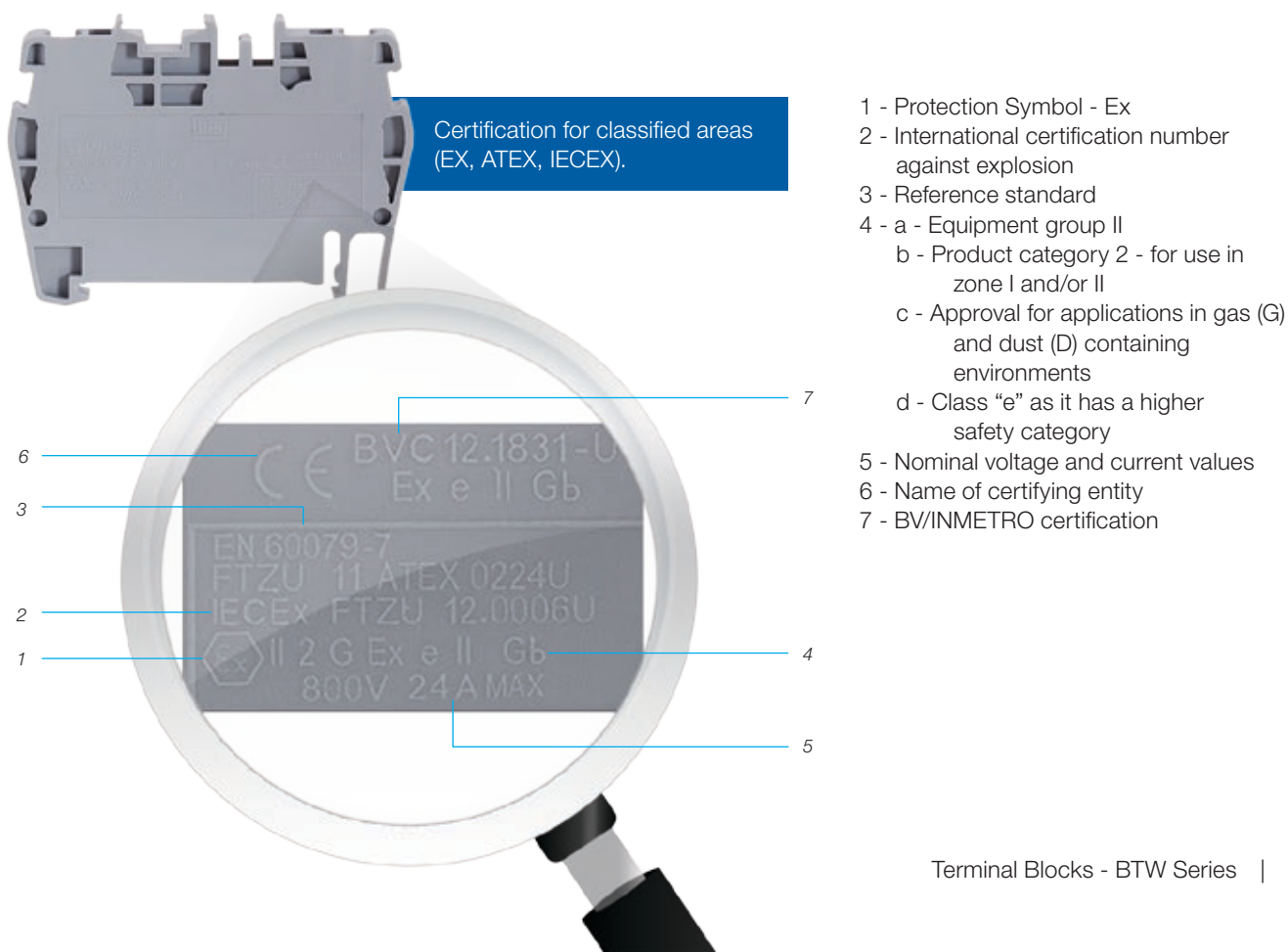
Column II: applied to all screws that can be tightened with screwdrivers.

Column III: applied to nuts and bolts that can be tightened by other devices.

Ref.: IEC 60947-1 / IEC 60999-1

WEG applies tests to their screw terminals with twice the tightening torque specified in IEC.

Certification

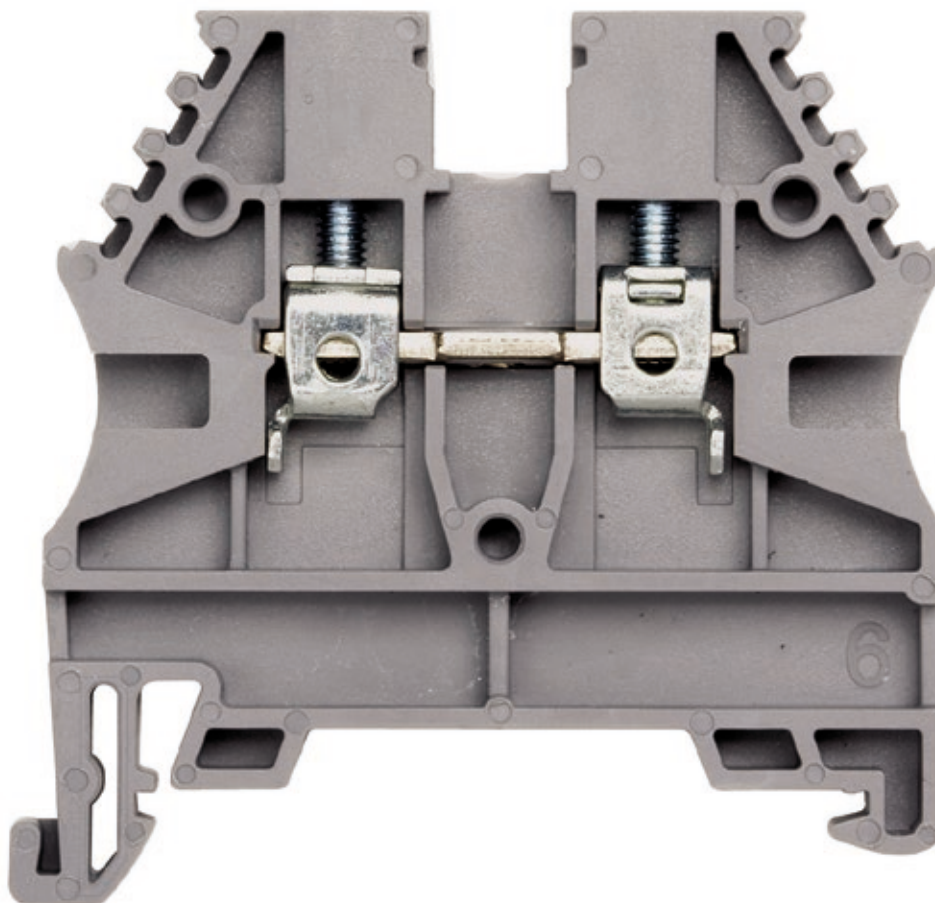
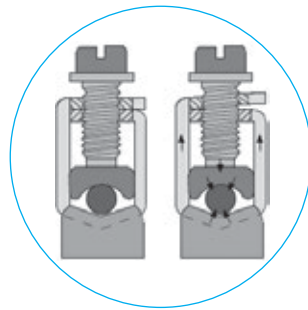
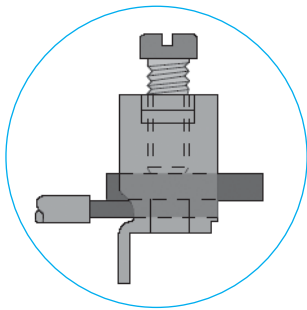


BTWP Series - Screw Type Terminal Block

The BTWP series terminal blocks use a screw type connection technique. It is simple to use: remove the isolation from the conductor, insert the conductor into the terminal block and tighten the screw with a properly screwdriver. The length of the isolation to be removed and the tightening torque for each terminal block model is shown in the selection guides. When the screw is tightened, the resulting pressure causes a deformation in the terminal which locks the screw preventing it from loosening. This system ensures connection and quality with minimum electrical losses.

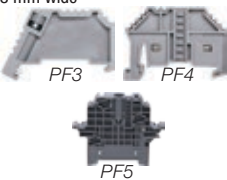
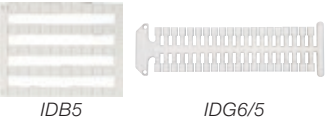
Main Features of BTWP Series

- Terminal block body in PA66 polyamide, with excellent dielectric properties and high mechanical resistance
- Internal conductor element with high current conduction capacity
- Conical-shaped cable entry to facilitate insertion
- Unlosable screw
- Certification for classified areas (EX, ATEX, IECEx)



Selection Guide - Screw Type Connection

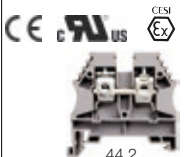
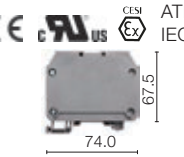
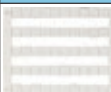
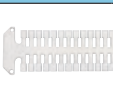
BTWP Series - Terminal Blocks

		BTWP 2.5 5 mm wide  44.2		BTWP 4 6 mm wide  44.2		BTWP 6 8 mm wide  44.2	
Technical data		Voltage / Current / Cross section					
IEC 60947-7-1		750 V~ / 24 A / 2.5 mm²		750 V~ / 32 A / 4 mm²		630 V~ / 41 A / 6 mm²	
UL / CSA		600 V~ / 20 A / AWG 26...12		600 V~ / 30 A / AWG 26...10		600 V~ / 50 A / AWG 26...8	
Cable stripping		10 mm		10 mm		12 mm	
Tightening torque		0.4 Nm		0.5 Nm		0.8 Nm	
Connection capacity							
Rigid wire		0.5...4 mm²		0.5...6 mm²		0.5...10 mm²	
Flexible cable		1.5...2.5 mm²		1.5...4 mm²		1.5...6 mm²	
AWG conductor		26...12		26...10		26...8	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Grey	BTWP 2.5	100	BTWP 4	100	BTWP 6	100
	Blue	BTWP 2.5-AZ	100	BTWP 4-AZ	100	BTWP 6-AZ	100
	Green	BTWP 2.5-VD	100	BTWP 4-VD	100	BTWP 6-VD	100
	Red	BTWP 2.5-VM	100	BTWP 4-VM	100	BTWP 6-VM	100
End plate / partition board	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
1.5 mm wide 	Grey	TF-BTWP 2.5-10	100	TF-BTWP 2.5-10	100	TF-BTWP 2.5-10	100
	Blue	TF-BTWP 2.5-10-AZ	100	TF-BTWP 2.5-10-AZ	100	TF-BTWP 2.5-10-AZ	100
	Green	TF-BTWP 2.5-10-VD	100	TF-BTWP 2.5-10-VD	100	TF-BTWP 2.5-10-VD	100
	Grey	PD-BTWP 2.5-10	25	PD-BTWP 2.5-10	25	PD-BTWP 2.5-10	25
Separation plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	PS1-BTWP	100	PS1-BTWP	100	PS1-BTWP	100
Connecting bridge	Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	2	PC-BTWP 2.5/2	25	PC-BTWP 4/2	25	PC-BTWP 6/2	25
	3	PC-BTWP 2.5/3	20	PC-BTWP 4/3	20	PC-BTWP 6/3	20
	4	PC-BTWP 2.5/4	15	PC-BTWP 4/4	15	PC-BTWP 6/4	15
	10	PC-BTWP 2.5/10	5	PC-BTWP 4/10	5	PC-BTWP 6/10	5
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
8 mm wide 	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
	Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
DIN EN 50022 	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	
	IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400	
	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440	
	-		IDG10/6-BTW	360	IDG10/6-BTW	360	

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Screw Type Connection

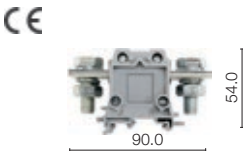
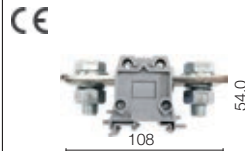
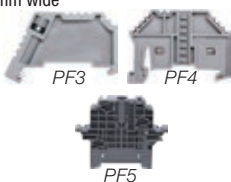
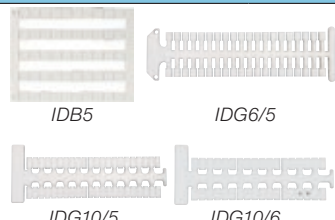
BTWP Series - Terminal Blocks

		BTWP 10 10 mm wide  44.2		BTWP 16 12 mm wide  50.0		BTWP 35 16 mm wide  50.0		BTWP 70 22 mm wide  74.0		
		ATEX IECEEx		ATEX IECEEx		ATEX IECEEx		ATEX IECEEx		
Technical data		Voltage / Current / Cross section								
IEC 60947-7-1		630 V~ / 57 A / 10 mm²		750 V~ / 76 A / 16 mm²		750 V~ / 125 A / 35 mm²		750 V~ / 192 A / 70 mm²		
UL / CSA		600 V~ / 65 A / AWG 16...6		600 V~ / 85 A / AWG 12...4		600 V~ / 115 A / AWG 10...2		600 V~ / 175 A / AWG 6...2/0		
Cable stripping		12 mm		16 mm		18 mm		20 mm		
Tightening torque		1.2 Nm		1.2 Nm		2.5 Nm		6 Nm		
Connection capacity										
Rigid wire		1.5...16 mm²		1.5...16 mm²		6...16 mm²		10...16 mm²		
Flexible cable		1.5...10 mm²		1.5...16 mm²		10...35 mm²		10...70 mm²		
AWG conductor		16...6		12...4		10...2		6...2/0		
Raw material - plastic body		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66		Grey	BTWP 10	100	BTWP 16	50	BTWP 35	50	BTWP 70	10
		Blue	BTWP 10-AZ	100	BTWP 16-AZ	50	BTWP 35-AZ	50	BTWP 70-AZ	10
		Green	BTWP 10-VD	100	BTWP 16-VD	50	BTWP 35-VD	50	BTWP 70-VD	10
End plate / partition board		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	TF-BTWP 2.5-10	100	TF-BTWP 16	100	PD-BTW 35 CZ		-	
		Blue	TF-BTWP 2.5-10-AZ	100	TF-BTWP 16-AZ	100				
		Green	TF-BTWP 2.5-10-VD	100	TF-BTWP 16-VD	100				
		Red	TF-BTWP 2.5-10-VM	100	TF-BTWP 16-VM	100				
		Grey	PD-BTWP 2.5-10	25	PD-BTWP 16	25				
Separation plate		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	PS1-BTWP	100	-	-	-	-	-	-
Connecting bridge		Nr. poles		Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		2	PC-BTWP 10/2	25	PC-BTWP 16/2	25	PC-BTWP 35/2	25	-	
		3	PC-BTWP 10/3	20	PC-BTWP 16/3	20	PC-BTWP 35/3	20		
		4	PC-BTWP 10/4	15	PC-BTWP 16/4	15	PC-BTWP 35/4	15		
		10	PC-BTWP 10/10	5	PC-BTWP 16/10	5	PC-BTWP 35/10	5		
End bracket		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
8 mm wide  PF3		Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
		Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
		Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
 PF5										
Rail / support		Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
DIN EN 50022 		Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
		Support	ST-BTW	25	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50	IG-BTW	50
		Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾			Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
 IDB5			IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
			IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400
 IDG10/5			IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440
			IDG10/6-BTW	360	IDG10/6-BTW	360	IDG10/6-BTW	360	IDG10/6-BTW	360
 IDG6/5										
 IDG10/6										

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Screw Type Connection

BTWP Series - Power Terminal Blocks

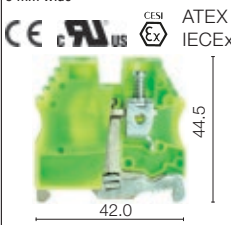
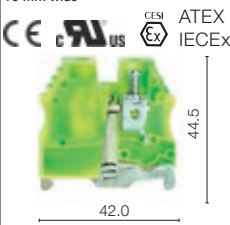
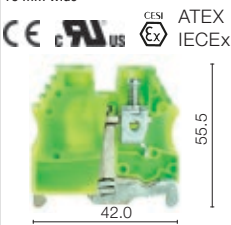
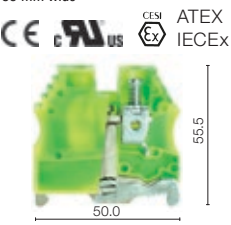
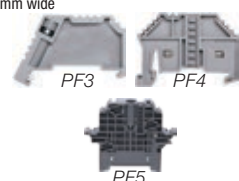
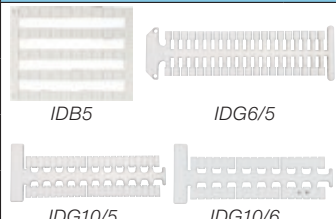
		BTWP 95B 40 mm wide 		BTWP 150B 48 mm wide 		BTWP 240B 53 mm wide 	
Technical data		Voltage / Current / Cross section					
IEC 60947-7-1		1,000 V~ / 232 A / 95 mm²		1,000 V~ / 309 A / 150 mm²		1,000 V~ / 415 A / 240 mm²	
Screw		M10x30		M12x30		M16x35	
Tightening torque		6 Nm		8 Nm		10 Nm	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Grey	BTWP 95B	4	BTWP 150B	4	BTWP 240B	4
Clearance cover	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	TI-BTWP 95	4	TI-BTWP 150	4	TI-BTWP 240	4
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
 8 mm wide	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
	Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
 DIN EN 50022	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
		IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400
		IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440
		IDG10/6-BTW	360	IDG10/6-BTW	360	IDG10/6-BTW	360

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.



Selection Guide - Screw Type Connection

BTWP Series - Ground Terminal Blocks

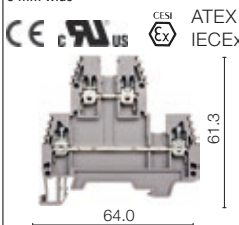
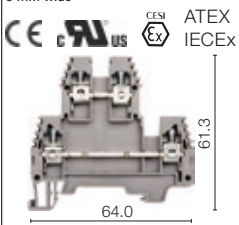
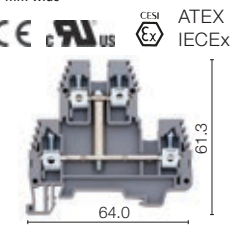
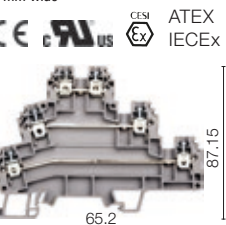
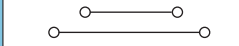
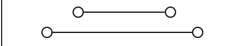
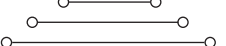
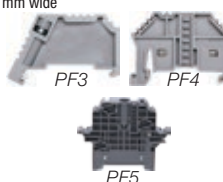
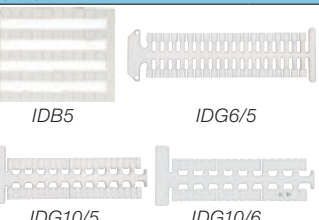
		BTWP 2.5/4T 6 mm wide  42.0 x 44.5		BTWP 6/10T 10 mm wide  42.0 x 44.5		BTWP 16T 16 mm wide  42.0 x 55.5		BTWP 35T 35 mm wide  50.0 x 55.5		
Technical data		Cross section								
IEC 60947-7-1		4 mm²		10 mm²		16 mm²		35 mm²		
UL / CSA		AWG 26...10		AWG 16...8		AWG 12...4		AWG 12...2		
Cable stripping		10 mm		12 mm		18 mm		18 mm		
Tightening torque		0.5 Nm		1.2 Nm		2.5 Nm		2.5 Nm		
Connection capacity										
Rigid wire		0.5...6 mm²		1.5...16 mm²		6...16 mm²		6...16 mm²		
Flexible cable		1.5...4 mm²		1.5...10 mm²		10...35 mm²		10...35 mm²		
AWG conductor		26...10		16...8		10...2		10...2		
Raw material - plastic body		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66		Green/ yellow	BTWP 2.5/4T-VD/AM	50	BTWP 6/10T-VD/AM	25	BTWP 16/35T-VD/AM	25	BTWP 16/35T-VD/AM	25
End bracket		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
		Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
		Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support		Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5m	2 m busbars
		Support	ST-BTW	25	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50	IG-BTW	50
		Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾			Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
			IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
			IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400
			IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440
			IDG10/6-BTW	360	IDG10/6-BTW	360	IDG10/6-BTW	360	IDG10/6-BTW	360

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.



Selection Guide - Screw Type Connection

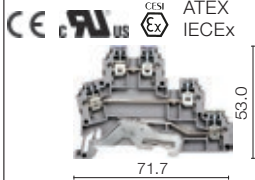
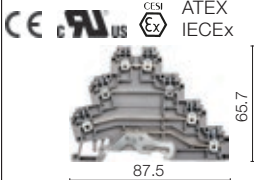
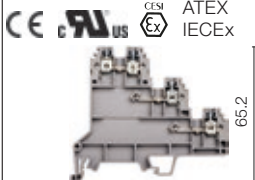
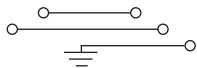
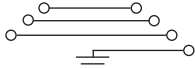
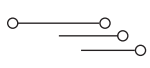
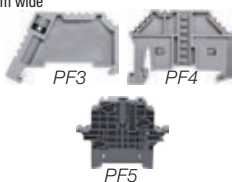
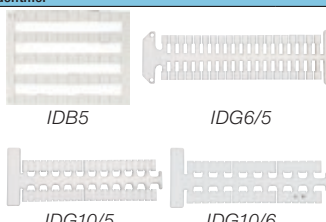
BTWD / BTWT Series - Double and Triple Terminal Blocks

		BTWD 2.5N 5 mm wide		BTWD 4N 6 mm wide		BTWD 4NK 6 mm wide		BTWT 3 6 mm wide		
										
		64.0		64.0		64.0		65.2		
		61.3		61.3		61.3		87.15		
										
Technical data		Voltage / Current / Cross section								
IEC 60947-7-1		500 V~ / 24 A / 2.5 mm²		500 V~ / 32 A / 4 mm²		500 V~ / 32 A / 4 mm²		440 V~ / 24 A / 2.5 mm²		
UL / CSA		300 V~ / 20 A / AWG 26...12		300 V~ / 30 A / AWG 26...10		300 V~ / 30 A / AWG 26...10		300 V~ / 24 A / AWG 24...12		
Cable stripping		9 mm		9 mm		9 mm		9 mm		
Tightening torque		0.4 Nm		0.5 Nm		0.5 Nm		0.4 Nm		
Connection capacity		Connection capacity								
Rigid wire		0.5...4 mm²		0.5...6 mm²		0.5...6 mm²		0.5...4 mm²		
Flexible cable		1.5...2.5 mm²		1.5...4 mm²		1.5...4 mm²		1.5...2.5 mm²		
AWG conductor		26...12		26...10		26...10		24...12		
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
Polyamide 66	Grey	BTWD 2.5N	100	BTWD 4N	100	BTWD 4N	20	BTWT 3	25	
End plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
1.5 mm wide		Grey	TF-BTWD 2.5-4N	25	TF-BTWD 2.5-4N	25	TF-BTWD 2.5-4N	25	TF-BTWT 3	10
Separation plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
	Grey	-	-	-	-	-	-	PS1-BTWP	100	
Connecting bridge	Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
	2	PC-BTWP 2.5/2	25	PC-BTWP 4/2	25	PC-BTWP 2.5/2	25	PC-BTWT 2.5/2	25	
	3	PC-BTWP 2.5/3	20	PC-BTWP 4/3	20	PC-BTWP 2.5/3	20	PC-BTWT 2.5/3	20	
	4	PC-BTWP 2.5/4	15	PC-BTWP 4/4	15	PC-BTWP 2.5/4	15	PC-BTWT 2.5/4	15	
	10	PC-BTWP 2.5/10	5	PC-BTWP 4/10	5	PC-BTWP 2.5/10	5	PC-BTWT 2.5/10	5	
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
8 mm wide		Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
		Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
		Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
DIN EN 50022	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25	ST-BTW	25	
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50	IG-BTW	50	
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	
Identifier ²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
		IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	
		IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400	-	-	
		IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440	-	-	
		-	-	IDG10/6-BTW	360	IDG10/6-BTW	360	-	-	

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Screw Type Connection

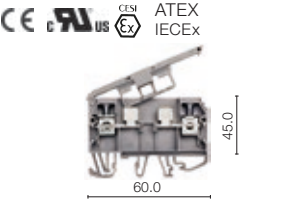
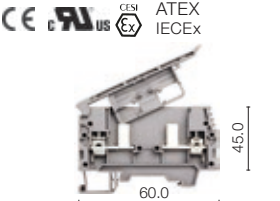
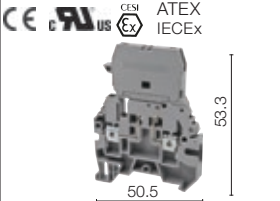
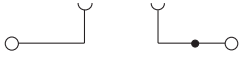
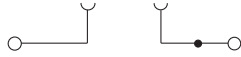
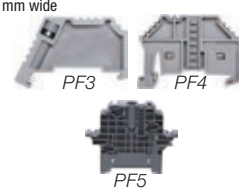
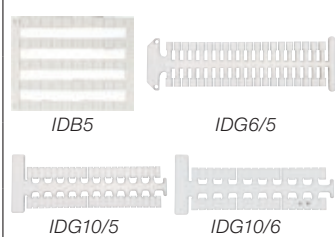
BTWT Series - Double Ground Terminal Block - Triple Ground Terminal Block - Terminal Block for Sensors

		BTWT 2T 6 mm wide 		BTWT 3T 6 mm wide 		BTWT 3S 6 mm wide 																			
Technical data																									
		Voltage / Current / Cross section																							
		IEC 60947-7-1						440 V~ / 24 A / 2.5 mm²						440 V~ / 24 A / 2.5 mm²						500 V~ / 24 A / 2.5 mm²					
		UL / CSA						300 V~ / 24 A / AWG 24...12						300 V~ / 24 A / AWG 24...12						300 V~ / 20 A / AWG 24...12					
		Cable stripping						9 mm						9 mm						9 mm					
Tightening torque						0.4 Nm						0.4 Nm						0.4 Nm							
Connection capacity																									
Rigid wire						0.5...4 mm²						0.5...4 mm²						0.5...4 mm²							
Flexible cable						1.5...2.5 mm²						1.5...2.5 mm²						1.5...2.5 mm²							
AWG conductor						24...12						24...12						24...12							
Raw material - plastic body				Color		Reference code				Qty/pack		Reference code				Qty/pack		Reference code				Qty/pack			
Polyamide 66				Grey		BTWT 2T				25		BTWT 3T				25		BTWT 3S				20			
End plate / partition board				Color		Reference code				Qty/pack		Reference code				Qty/pack		Reference code				Qty/pack			
1.5 mm wide																									
		Grey		TF-BTWT 2T				10		TF-BTWT 3T				10		TF-BTWT 3S				10					
Separation plate		Color		Reference code				Qty/pack		Reference code				Qty/pack		Reference code				Qty/pack					
		Grey		PS1-BTWP				100		PS1-BTWP				100		PS1-BTWP				100					
Connecting bridge		Nr. poles		Reference code				Qty/pack		Reference code				Qty/pack		Reference code				Qty/pack					
		2		PC-BTWT 2.5/2				25		PC-BTWT 2.5/2				25		PC-BTWT 2.5/2				25					
		3		PC-BTWT 2.5/3				20		PC-BTWT 2.5/3				20		PC-BTWT 2.5/3				20					
		4		PC-BTWT 2.5/4				15		PC-BTWT 2.5/4				15		PC-BTWT 2.5/4				15					
		10		PC-BTWT 2.5/10				5		PC-BTWT 2.5/10				5		PC-BTWT 2.5/10				5					
End bracket		Color		Reference code				Qty/pack		Reference code				Qty/pack		Reference code				Qty/pack					
8 mm wide																									
		Grey		PF3-BTW				100		PF3-BTW				100		PF3-BTW				100					
		Grey		PF4-BTW				100		PF4-BTW				100		PF4-BTW				100					
		Grey		PF5-BTW				100		PF5-BTW				100		PF5-BTW				100					
Rail / support		Type		Reference code				Qty/pack		Reference code				Qty/pack		Reference code				Qty/pack					
DIN EN 50022																									
		Rail		MR 35x7.5				2 m busbars		MR 35x7.5				2 m busbars		MR 35x7.5				2 m busbars					
		Support		ST-BTW				25		ST-BTW				25		ST-BTW				25					
Group identifier		Color		Reference code				Qty/pack		Reference code				Qty/pack		Reference code				Qty/pack					
		Grey		IG-BTW				50		IG-BTW				50		IG-BTW				50					
		Clear		IG22-BTW ¹⁾				25		IG22-BTW ¹⁾				25		IG22-BTW ¹⁾				25					
Identifier²⁾				Reference code				Qty/pack		Reference code				Qty/pack		Reference code				Qty/pack					
				IDB5-BTW				500		IDB5-BTW				500		IDB5-BTW				500					

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Screw Type Connection

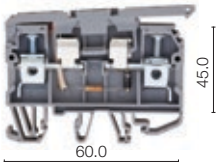
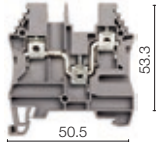
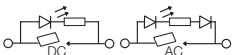
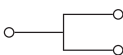
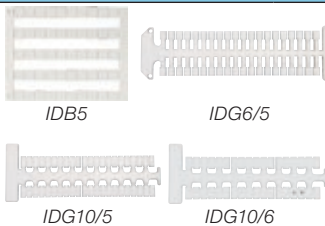
BTWS Series - Terminal Blocks for Fuses

		BTWS 2S 8 mm wide 		BTWS 4S 10 mm wide 		BTWS 3M 6 mm wide 	
Technical data							
		Voltage / Current / Cross section					
IEC 60947-7-1		500 V~ / 6.3 A / 6 mm²		750 V~ / 6.3 A / 6 mm²		750 V~ / 6.3 A / 4 mm²	
UL / CSA		300 V~ / 6.3 A / AWG 26...8		600 V~ / 6.3 A / AWG 22...8		600 V~ / 6.3 A / AWG 22...8	
Fuse dimensions		5x20 or 5x25 mm		6,35x31,75 mm (1/4"x1 1/4")		5x20 or 5x25 mm	
Cable stripping		12 mm		12 mm		12 mm	
Tightening torque		0.8 Nm		0.8 Nm		0.8 Nm	
Connection capacity							
Rigid wire		0.5...10 mm²		0.5...10 mm²		0.5...6 mm²	
Flexible cable		1.5...6 mm²		1.5...6 mm²		1.5...4 mm²	
AWG conductor		26...8		22...8		22...8	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Grey	BTWS 2S	50	BTWS 4S	20	BTWS 3M	20
		Note: houses a spare fuse.		Note: houses a spare fuse.			
End plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
1.5 mm wide	Grey	TF-BTWS 2	10	Supplied with end plate		TF-BTWS 3	10
							
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
8 mm wide	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
		PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
		PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
DIN EN 50022	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
		Support	ST-BTW	25	ST-BTW	25	ST-BTW
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier ²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
		-		IDG6/5-BTW	400	IDG6/5-BTW	400
		-		IDG10/5-BTW	440	IDG10/5-BTW	440
		-		IDG10/6-BTW	360	IDG10/6-BTW	360

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Screw Type Connection

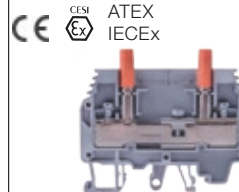
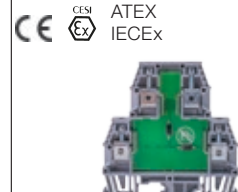
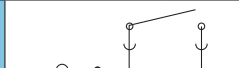
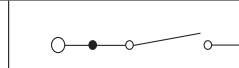
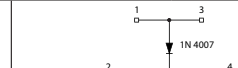
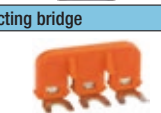
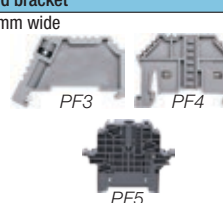
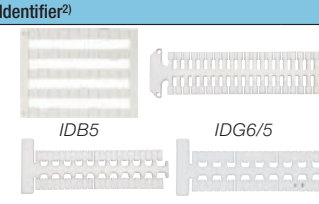
BTWS / BTWP Series - Terminal Blocks for Fuses - 1In-2Out Terminal Block

	BTWS 2LD 8 mm wide CE C UL US CS Ex ATEX IECEX 		BTWP 4C 6 mm wide CE C UL US CS Ex ATEX IECEX 			
Technical data						
	Voltage / Current / Cross section					
IEC 60947-7-1	- V~ / 6.3 A / 6 mm²		750 V~ / 32 A / 4 mm²			
UL / CSA	- V~ / 6.3 A / AWG 26...8		600 V~ / 29 A / AWG 22...10			
Fuse dimensions	5x20 or 5x25 mm		-			
Cable stripping	12 mm		10 mm			
Tightening torque	0.8 Nm		0.5 Nm			
Connection capacity						
Rigid wire	0.5...10 mm²		0.5...6 mm²			
Flexible cable	1.5...6 mm²		1.5...4 mm²			
AWG conductor	26...8		26...10			
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	
Polyamide 66	Grey	BTWS 2LD C03 - 24 V dc BTWS 2LD D13 - 110 V ac BTWS 2LD D23 - 220 V ac	25	BTWP 4C	50	
End plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	
1.5 mm wide	Grey	TF-BTWS 2	10	TF-BTWP 4C	10	
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	
	8 mm wide	Grey	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	
	Grey	PF5-BTW	100	PF5-BTW	100	
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	
DIN EN 50022	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	
	Support	ST-BTW	25	ST-BTW	25	
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	
	Grey	IG-BTW	50	IG-BTW	50	
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	
Identifier ²⁾	Reference code	Qty/pack	Reference code	Qty/pack		
	IDB5-BTW	500	IDB5-BTW	500		
	IDG6/5-BTW	400	IDG6/5-BTW	400		
	IDG10/5-BTW	440	IDG10/5-BTW	440		
	IDG10/6-BTW	360	IDG10/6-BTW	360		

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Screw Type Connection

BTWS / BTWA / BTWD Series - Disconnect Terminal Block - Diode Terminal Block

		BTWS 3A - Disconnect Terminal 6 mm wide 		BTWA 3 - Disconnect/Test Terminal 8 mm wide 		BTWD 4D 8 mm wide 	
Technical data							
		Voltage / Current / Cross section					
IEC 60947-7-1		500 V~ / 16 A / 4 mm²		400 V / 41 A / 6 mm²		1,000 V / 10 A / 6 mm²	
UL / CSA		600 V~ / 16 A / AWG 26...10		-		-	
Cable stripping		10 mm		10 mm		10 mm	
Tightening torque		0.5 Nm		1.5 Nm		1.5 Nm	
Connection capacity							
Rigid wire		0.5...6 mm²		1.5 - 6 mm²		0.5 - 6 mm²	
Flexible cable		1.5...4 mm²		1.5 - 6 mm²		0.5 - 2.5 mm²	
AWG conductor		26...10		16...8		22...12	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Grey	BTWS 3A	20	BTWA 3	50	BTWD 4D	50
End plate / partition board	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
1.5 mm wide 	Grey	TF-BTWS 3	10	TF-BTWA 10/1A	25	TF-BTWD 4D 2.5-4	25
Separation plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	PS1-BTWP	100	PS1-BTWP	100	PS1-BTWP	100
Connecting bridge	Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	2	-		PC-BTWA 6/2	25	-	
	3			PC-BTWA 6/3	20		
	4			PC-BTWA 6/4	15		
	10			PC-BTWA 6/10	5		
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
8 mm wide 	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
	Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
DIN EN 50022 	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		IDB5-BTW	500	-		IDB5-BTW	500
		IDG6/5-BTW	400	IDG6/5-BTW	400	-	
		IDG10/5-BTW	440	IDG10/5-BTW	440	-	
		IDG10/6-BTW	360	IDG10/6-BTW	360	-	

Notes: 1) For assembly on PF4-BTW end bracket.
 2) Further details about identifiers on page 48.

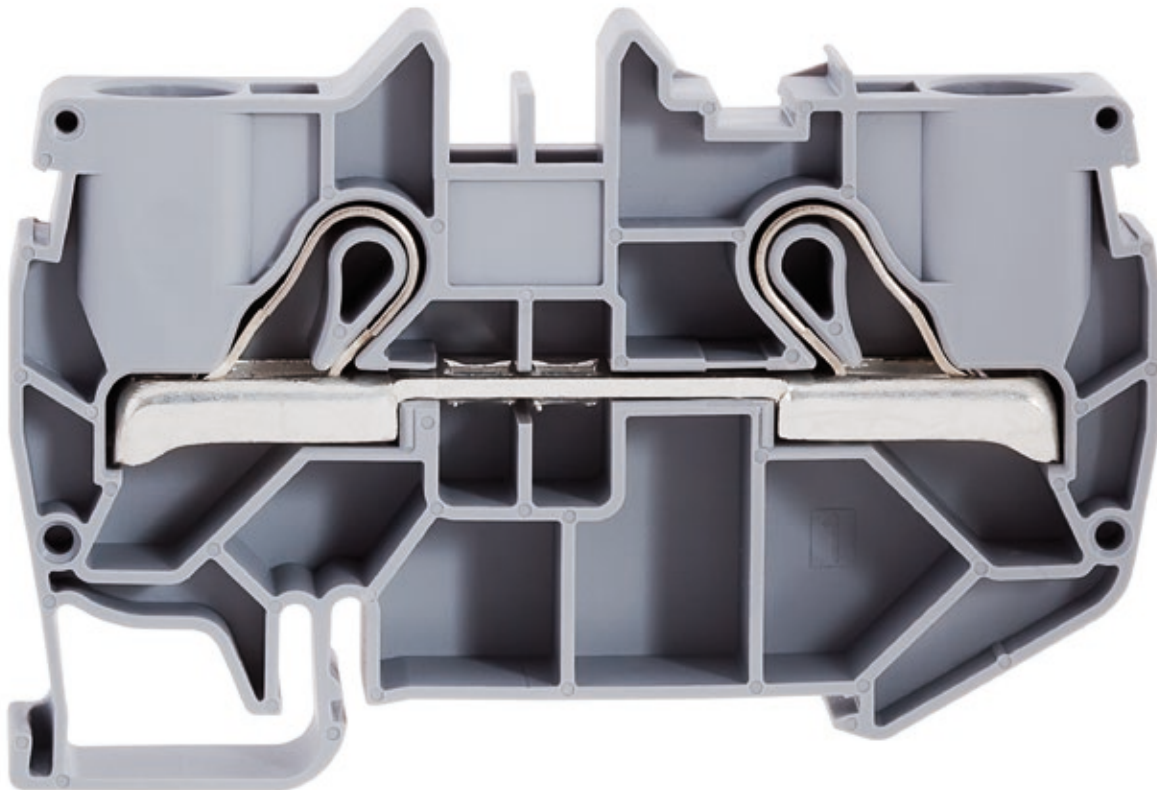
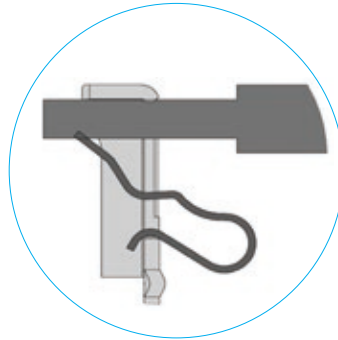
BTWI Series - Spring Clamp Type Terminal Blocks (Push-In)

BTWI series terminal blocks allow direct connection of flexible cables and rigid wires without the use of tools.

The special format of the terminal spring allows the safe fitting of conductors. The contact spring is opened automatically during the insertion of the conductor and ensures the necessary force to clamp the conductor against the current conductor bar. The spring body structure also ensures progressive locking and anti-vibration of the conductor. The opening of the spring to release the conductor is made through a screwdriver.

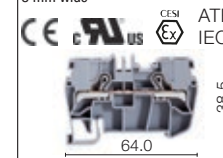
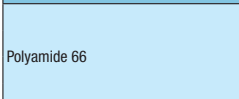
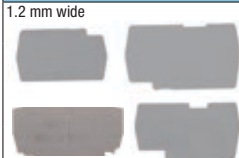
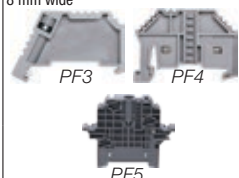
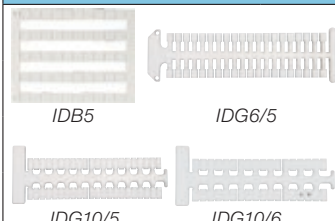
Main Benefits of BTWI Series

- Terminal block body in PA66 polyamide, with excellent dielectric properties and high mechanical resistance
- Safe and reliable connection
- Does not require a tool for connection
- Savings in assembly time
- Gains throughout the process
- Complete range of accessories
- Anti-vibration system
- CE, UL, ATEX & IEC certification



Selection Guide - Spring Clamp Type Connection (Push-In)

BTWI Series - Terminal Blocks

		BTWI 2.5 5 mm wide  51.0 x 35.5 mm		BTWI 4 6 mm wide  55.0 x 37.0 mm		BTWI 6 8 mm wide  64.0 x 38.5 mm		BTWI 10 10 mm wide  70.0 x 43.0 mm		
Technical data		Voltage / Current / Cross section								
IEC 60947-7-1		750 V~ / 24 A / 2.5 mm²		750 V~ / 32 A / 4 mm²		750 V~ / 41 A / 6 mm²		750 V~ / 57 A / 10 mm²		
UL / CSA		600 V~ / 20 A / AWG 22...12		600 V~ / 26 A / AWG 22...10		600 V~ / 35 A / AWG 22...8		600 V~ / 55 A / AWG 20...6		
Cable stripping		10 mm		12 mm		12 mm		13 mm		
Connection capacity										
Rigid wire		0.5...4 mm²		0.5...6 mm²		0.5...10 mm²		0.5...16 mm²		
Flexible cable		0.5...2.5 mm²		0.5...4 mm²		0.5...6 mm²		0.5...10 mm²		
AWG conductor		22...12		22...10		22...8		20...6		
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
	Grey	BTWI 2.5	100	BTWI 4	100	BTWI 6	100	BTWI 10	100	
	Blue	BTWI 2.5-AZ	100	BTWI 4-AZ	100	BTWI 6-AZ	100	BTWI 10-AZ	100	
	Green	BTWI 2.5-VD	100	BTWI 4-VD	100	BTWI 6-VD	100	BTWI 10-VD	100	
	Red	BTWI 2.5-VM	100	BTWI 4-VM	100	BTWI 6-VM	100	BTWI 10-VM	100	
End plate		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	TF-BTWI 2.5	100	TF-BTWI 4	100	TF-BTWI 6	100	TF-BTWI 10	100	
	Blue	TF-BTWI 2.5-AZ	100	TF-BTWI 4-AZ	100	TF-BTWI 6-AZ	100	TF-BTWI 10-AZ	100	
	Green	TF-BTWI 2.5-VD	100	TF-BTWI 4-VD	100	TF-BTWI 6-VD	100	TF-BTWI 10-VD	100	
	Red	TF-BTWI 2.5-VM	100	TF-BTWI 4-VM	100	TF-BTWI 6-VM	100	TF-BTWI 10-VM	100	
Connecting bridgew		Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	2	PC-BTWM 2.5/2	25	PC-BTWM 4/2	25	PC-BTWM 6/2	25	PC-BTWM 10/2	25	
	3	PC-BTWM 2.5/3	20	PC-BTWM 4/3	20	PC-BTWM 6/3	20	PC-BTWM 10/3	20	
	4	PC-BTWM 2.5/4	15	PC-BTWM 4/4	15	PC-BTWM 6/4	15	PC-BTWM 10/4	15	
	10	PC-BTWM 2.5/10	5	PC-BTWM 4/10	5	PC-BTWM 6/10	5	PC-BTWM 10/10	5	
End bracket 8 mm wide 		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
		Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
		Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support DIN EN 50022 		Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
		Support	ST-BTW	25	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier 		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50	IG-BTW	50
		Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500		
	IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400		
	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440		
	-		IDG10/6-BTW	360	IDG10/6-BTW	360	IDG10/6-BTW	360		

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Spring Clamp Type Connection (Push-In)

BTWI Series - Ground Terminal Blocks

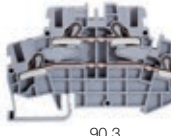
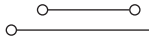
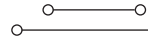
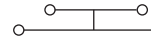
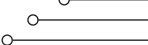
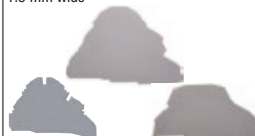
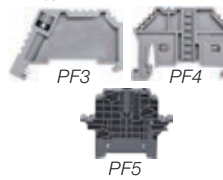
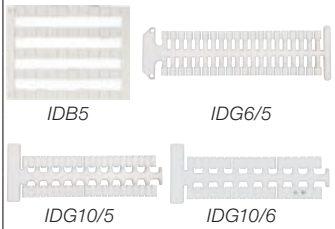
		BTWI 2.5T 5 mm wide 51.0 35.5		BTWI 4T 6 mm wide 55.0 37.0		BTWI 6T 8 mm wide 64.0 38.5		BTWI 10T 10 mm wide 70.0 43.0	
Technical data		Cross section							
IEC 60947-7-1		2.5 mm ²		4 mm ²		6 mm ²		10 mm ²	
UL / CSA		AWG 22...12		AWG 22...10		AWG 22...8		AWG 20...6	
Cable stripping		10 mm		12 mm		12 mm		13 mm	
Connection capacity									
Rigid wire		0.5...4 mm ²		0.5...6 mm ²		0.5...10 mm ²		0.5...16 mm ²	
Flexible cable		0.5...2.5 mm ²		0.5...4 mm ²		0.5...6 mm ²		0.5...10 mm ²	
AWG conductor		22...12		22...10		22...8		20...6	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Green	BTWI 2.5T-VD/AM	50	BTWI 4T-VD/AM	50	BTWI 6T-VD/AM	40	BTWI 10T-VD/AM	30
End plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
1.2 mm wide 	Green	TF-BTWI 2.5 T	10	TF-BTWI 4 T	10	TF-BTWI 6 T	10	TF-BTWI 10 T	10
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
8 mm wide 	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
	Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
DIN EN 50022 	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	IDB5	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
	IDG6/5	IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400
	IDG10/5	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440
	IDG10/6	-		IDG10/6-BTW	360	IDG10/6-BTW	360	IDG10/6-BTW	360

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.



Selection Guide - Spring Clamp Type Connection (Push-In)

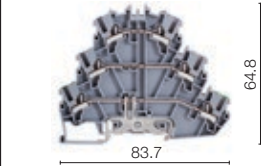
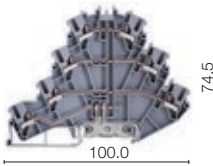
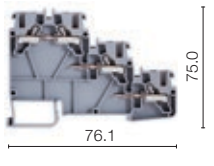
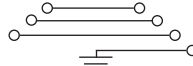
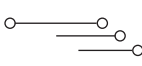
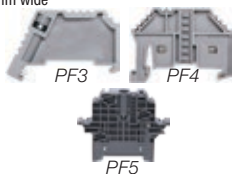
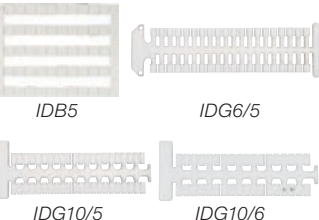
BTWI Series - Double Terminal Blocks - Triple Terminal Blocks

		BTWI 2.5-2F 5 mm wide  ATEX IECEx  83.7 64.8		BTWI 4-2F 6 mm wide  ATEX IECEx   90.3 55.5		BTWI 4-2FK 6 mm wide  ATEX IECEx  90.3 55.5		BTWI 2.5-3F 5 mm wide  ATEX IECEx  100.0 75.0	
Technical data									
		Voltage / Current / Cross section							
IEC 60947-7-1		500 V~ / 24 A / 2.5 mm ²		750 V~ / 30 A / 4 mm ²		750 V~ / 30 A / 4 mm ²		500 V~ / 24 A / 2.5 mm ²	
UL / CSA		600 V~ / 20 A / AWG 22...12		600 V~ / 26 A / AWG 22...10		600 V~ / 26 A / AWG 22...12		600 V~ / 20 A / AWG 22...12	
Cable stripping		10 mm		12 mm		10 mm		10 mm	
Connection capacity									
Rigid wire		0.5...4 mm ²		0.5...6 mm ²		0.5...6 mm ²		0.5...4 mm ²	
Flexible cable		0.5...2.5 mm ²		0.5...4 mm ²		0.5...4 mm ²		0.5...2.5 mm ²	
AWG conductor		22...12		22...10		22...10		22...12	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Grey	BTWI 2.5-2F	50	BTWI 4-2F	50	BTWI 4-2K	50	BTWI 2.5-3F	20
End plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
1.5 mm wide 	Grey	TF-BTWI 2.5-2F	50	TF-BTWI 4-2F	25	TF-BTWI 4-2F	50	TF-BTWI 2.5-3F	10
Connecting bridge	Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	2	PC-BTWM 2.5/2	25	PC-BTWM 4/2	25	PC-BTWM 4/2	25	PC-BTWM 2.5/2	25
	3	PC-BTWM 2.5/3	20	PC-BTWM 4/3	20	PC-BTWM 4/3	20	PC-BTWM 2.5/3	20
	4	PC-BTWM 2.5/4	15	PC-BTWM 4/4	15	PC-BTWM 4/4	15	PC-BTWM 2.5/4	15
	10	PC-BTWM 2.5/10	5	PC-BTWM 4/10	5	PC-BTWM 4/10	5	PC-BTWM 2.5/10	5
End bracket 8 mm wide 	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
	Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support DIN EN 50022 	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier ²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	
	-		IDG6/5-BTW	400	IDG6/5-BTW	400	-		
	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440	
	-		IDG10/6-BTW	360	IDG10/6-BTW	360	-		

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Spring Clamp Type Connection (Push-In)

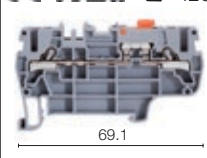
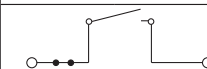
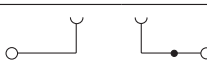
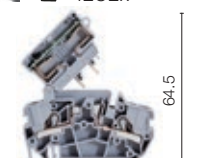
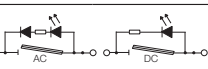
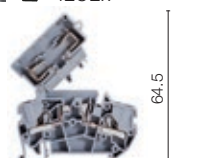
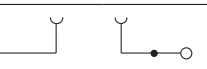
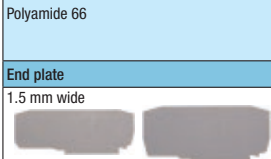
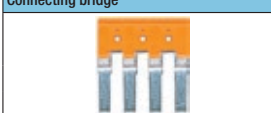
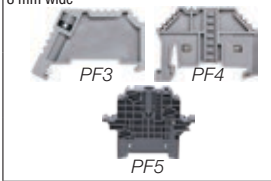
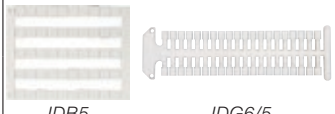
BTWI Series - Double Terminal Block + Ground - Triple Terminal Block + Ground - Terminal Block for Sensors

		BTWI 2.5-2FT 5 mm wide 		BTWI 2.5-3FT 5 mm wide 		BTWI 3S 5 mm wide 	
Technical data							
	Voltage / Current / Cross section						
IEC 60947-7-1	500 V~ / 24 A / 2.5 mm²		500 V~ / 24 A / 2.5 mm²		500 V~ / 24 A / 2.5 mm²		
UL / CSA	600 V~ / 20 A / AWG 22...12		600 V~ / 20 A / AWG 22...12		-		
Cable stripping	10 mm		10 mm		10 mm		
Connection capacity							
Rigid wire	0.5...4 mm²		0.5...4 mm²		0.5...4 mm²		
Flexible cable	0.5...2.5 mm²		0.5...2.5 mm²		0.5...2.5 mm²		
AWG conductor	22...12		22...12		22...12		
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Grey	BTWI 2.5-2FT	20	BTWI 2.5-3FT	20	BTWI 3S	20
End plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
1.5 mm wide 	Grey	TF-BTWI 2.5-2F	10	TF-BTWI 2.5-3FT	10	TF-BTWI 3S	10
Connecting bridge	Nr. poles	Reference code	Qty/pack			Reference code	Qty/pack
	2	PC-BTWM 2.5/2	25			PC-BTWM 2.5/2	25
	3	PC-BTWM 2.5/3	20			PC-BTWM 2.5/3	20
	4	PC-BTWM 2.5/4	15			PC-BTWM 2.5/4	15
	10	PC-BTWM 2.5/10	5			PC-BTWM 2.5/10	5
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
8 mm wide 	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
	Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier ²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
		IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Spring Clamp Type Connection (Push-In)

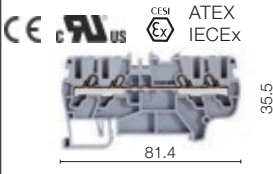
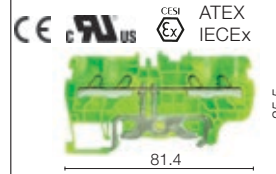
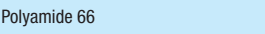
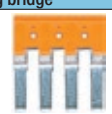
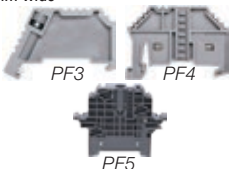
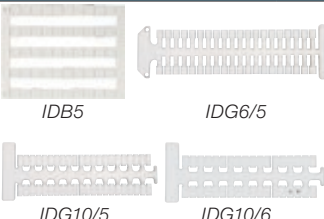
BTWI Series - Disconnect Terminal Block - Terminal Blocks for Fuses

		BTWI 2.5A 5 mm wide  69.1 x 37.5 		BTWI S 8 mm wide  67.0 x 64.5 		BTWI SLD 8 mm wide  67.0 x 64.5 		BTWI I 8 mm wide  67.0 x 64.5 		
Technical data		Voltage / Current / Cross section								
IEC 60947-7-1		750 V~ / 16 A / 2.5 mm²		500 V~ / 10 A / 4 mm²		750 V~ / 30 A / 4 mm²		500 V~ / 10 A / 4 mm²		
UL / CSA		600 V~ / 10 A / AWG 22...12		600 V~ / 10 A / AWG 22...10		600 V~ / 26 A / AWG 22...12		600 V~ / 10 A / AWG 22...10		
Fuse dimensions		-		5x20 or 5x25 mm		5x20 or 5x25 mm		6,35x31,75 mm (1/4"x1 1/4")		
Cable stripping		10 mm		12 mm		10 mm		12 mm		
Connection capacity										
Rigid wire		0.5...4 mm²		0.5...6 mm²		0.5...6 mm²		0.5...6 mm²		
Flexible cable		0.5...2.5 mm²		0.5...4 mm²		0.5...4 mm²		0.5...4 mm²		
AWG conductor		22...12		22...10		22...10		22...10		
Raw material - plastic body		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	BTWI 2.5A	50	BTWI S	20	BTWI S	20	BTWI I	20
					Note: spare fuse included.		BTWI SLD C03 - 24 V dc BTWI SLD D13 - 110 V ac BTWI SLD D23 - 220 V ac		Note: spare fuse included.	
End plate		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
1.5 mm wide 		Grey	TF-BTWI 2.5A	10	Built-in		Built-in		Built-in	
Connecting bridge		Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		2	PC-BTWM 2.5/2	25	PC-BTWM 6/2	25	PC-BTWM 4/2	25	PC-BTWM 6/2	25
		3	PC-BTWM 2.5/3	20	PC-BTWM 6/3	20	PC-BTWM 4/3	20	PC-BTWM 6/3	20
		4	PC-BTWM 2.5/4	15	PC-BTWM 6/4	15	PC-BTWM 4/4	15	PC-BTWM 6/4	15
		10	PC-BTWM 2.5/10	5	PC-BTWM 6/10	5	PC-BTWM 4/10	5	PC-BTWM 6/10	5
End bracket		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
8 mm wide 		Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
		Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
		Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support		Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
		Support	ST-BTW	25	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50	IG-BTW	50
		Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾			Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
 IDB5 IDG6/5			IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
			IDG6/5-BTW	400	-	IDG6/5-BTW	400	-	IDG6/5-BTW	400
			IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440
			-	IDG10/6-BTW	360	IDG10/6-BTW	360	IDG10/6-BTW	360	
 IDG10/5 IDG10/6										

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Spring Clamp Type Connection (Push-In)

BTWI Series - 1In-2Out Terminal Block - 2In-2Out Terminal Block - Double Ground Terminal Block

		BTWI 2.5E 5 mm wide 		BTWI 2.5C 5 mm wide 		BTWI 2.5CT 5 mm wide 		
Technical data								
		Voltage / Current / Cross section					Cross section	
IEC 60947-7-1		750 V~ / 24 A / 2.5 mm²		750 V~ / 24 A / 2.5 mm²		2.5 mm²		
UL / CSA		600 V~ / 20 A / AWG 22...12		600 V~ / 20 A / AWG 22...12		AWG 22...12		
Cable stripping		13 mm		13 mm		13 mm		
Connection capacity								
Rigid wire		0.5...4 mm²		0.5...4 mm²		0.5...4 mm²		
Flexible cable		0.5...2.5 mm²		0.5...2.5 mm²		0.5...2.5 mm²		
AWG conductor		22...12		22...12		22...12		
Raw material - plastic body		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	BTWI 2.5E	50	BTWI 2.5C	50	-	-
		Green	-	-	-	-	BTWI 2.5CT	50
End plate		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	TF-BTWI 2.5E	10	TF-BTWI 2.5C	10	-	-
		Green	-	-	-	-	TF-BTWI 2.5CT	10
Connecting bridge		Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		2	PC-BTWM 2.5/2	25	PC-BTWM 2.5/2	25	-	
		3	PC-BTWM 2.5/3	20	PC-BTWM 2.5/3	20		
		4	PC-BTWM 2.5/4	15	PC-BTWM 2.5/4	15		
		10	PC-BTWM 2.5/10	5	PC-BTWM 2.5/10	5		
End bracket		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
		Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
		Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support		Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
		Support	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50
		Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾			Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
			IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
			IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400
			IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

BTWM Series - Spring Clamp Type Terminal Blocks

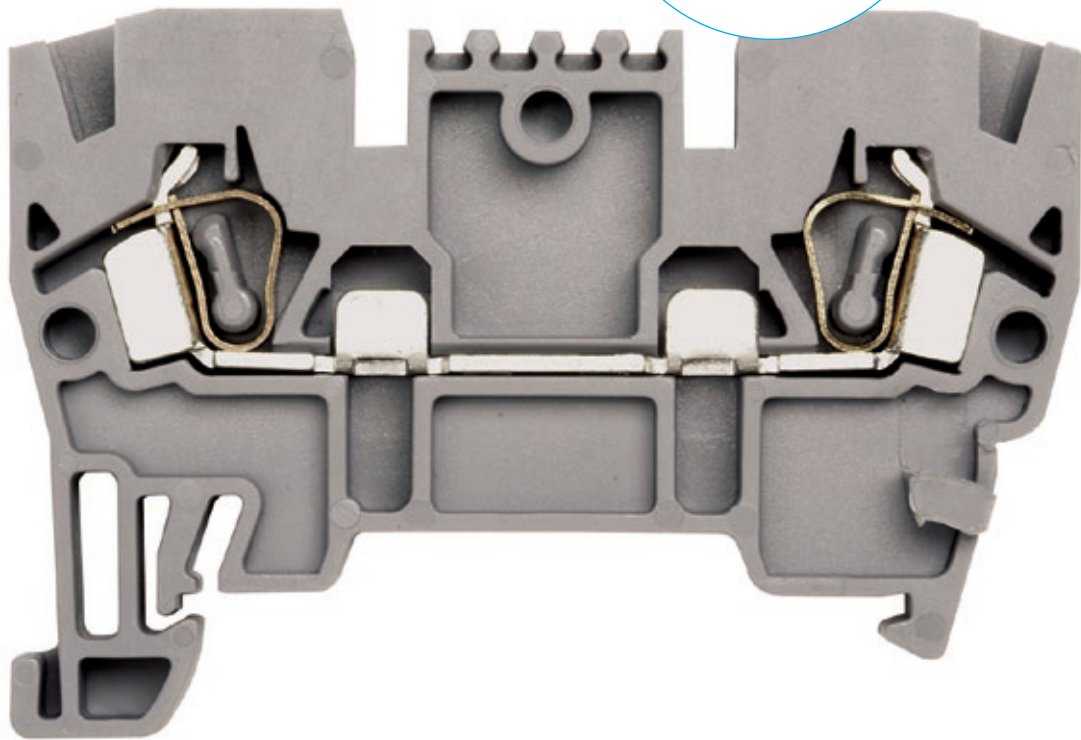
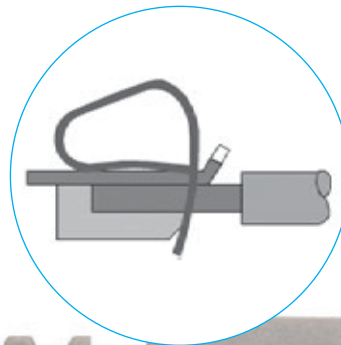
The BTWM terminal blocks series use spring connection technique products. The connection is maintained through a stainless steel spring which keeps constant pressure on the conductor against the internal copper part.

The connection procedure is simple: remove conductor isolation, insert a screwdriver into the square opening in the terminal block to compress the spring, releasing the access and then insert the conductor into the terminal block.

When removing the screwdriver, the connection becomes effective. The contact pressure in this connection system is uniform and independent of user/operator, as it is provided by the spring.

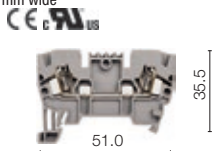
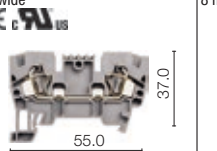
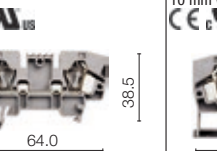
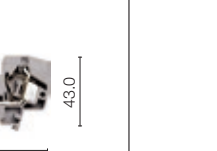
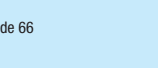
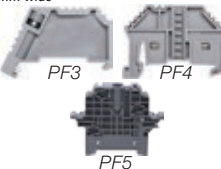
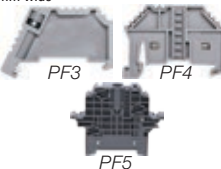
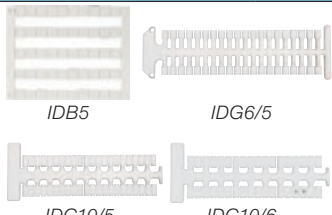
Main Features of BTWM Series

- Terminal block body in polyamide PA66, with excellent dielectric properties and high mechanical resistance
- Internal conductor element of high current conduction
- Stainless steel spring
- Uniform contact pressure



Selection Guide - Spring Clamp Type Connection

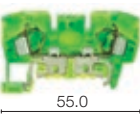
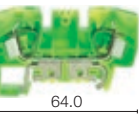
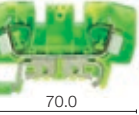
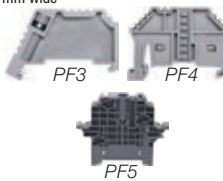
BTWM Series - Terminal Blocks

		BTWM 2.5 5 mm wide 		BTWM 4 6 mm wide 		BTWM 6 8 mm wide 		BTWM 10 10 mm wide 	
Technical data		Voltage / Current / Cross section							
IEC 60947-7-1		750 V~ / 24 A / 2.5 mm²		750 V~ / 32 A / 4 mm²		750 V~ / 41 A / 6 mm²		750 V~ / 57 A / 10 mm²	
UL / CSA		600 V~ / 20 A / AWG 22...12		600 V~ / 26 A / AWG 22...10		600 V~ / 35 A / AWG 22...8		600 V~ / 55 A / AWG 20...6	
Cable stripping		10 mm		12 mm		12 mm		13 mm	
Connection capacity									
Rigid wire		0.5...4 mm²		0.5...6 mm²		0.5...10 mm²		0.5...16 mm²	
Flexible cable		0.5...2.5 mm²		0.5...4 mm²		0.5...6 mm²		0.5...10 mm²	
AWG conductor		22...12		22...10		22...8		20...6	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	BTWM 2.5	100	BTWM 4	100	BTWM 6	100	BTWM 10	100
	Blue	BTWM 2.5-AZ	100	BTWM 4-AZ	100	BTWM 6-AZ	100	BTWM 10-AZ	100
	Green	BTWM 2.5-VD	100	BTWM 4-VD	100	BTWM 6-VD	100	BTWM 10-VD	100
	Red	BTWM 2.5-VM	100	BTWM 4-VM	100	BTWM 6-VM	100	BTWM 10-VM	100
End plate 1.2 mm wide 	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	TF-BTWM 2.5	100	TF-BTWM 4	100	TF-BTWM 6	100	TF-BTWM 10	100
	Blue	TF-BTWM 2.5-AZ	100	TF-BTWM 4-AZ	100	TF-BTWM 6-AZ	100	TF-BTWM 10-AZ	100
	Green	TF-BTWM 2.5-VD	100	TF-BTWM 4-VD	100	TF-BTWM 6-VD	100	TF-BTWM 10-VD	100
	Red	TF-BTWM 2.5-VM	100	TF-BTWM 4-VM	100	TF-BTWM 6-VM	100	TF-BTWM 10-VM	100
Connecting bridge 	Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	2	PC-BTWM 2.5/2	25	PC-BTWM 4/2	25	PC-BTWM 6/2	25	PC-BTWM 10/2	25
	3	PC-BTWM 2.5/3	20	PC-BTWM 4/3	20	PC-BTWM 6/3	20	PC-BTWM 10/3	20
	4	PC-BTWM 2.5/4	15	PC-BTWM 4/4	15	PC-BTWM 6/4	15	PC-BTWM 10/4	15
	10	PC-BTWM 2.5/10	5	PC-BTWM 4/10	5	PC-BTWM 6/10	5	PC-BTWM 10/10	5
End bracket 8 mm wide 	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
	Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support DIN EN 50022 	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier 	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	
	IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400	
	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440	
	-	IDG10/6-BTW	360	IDG10/6-BTW	360	IDG10/6-BTW	360	IDG10/6-BTW	360

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Spring Clamp Type Connection

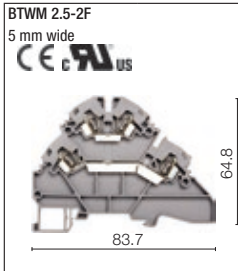
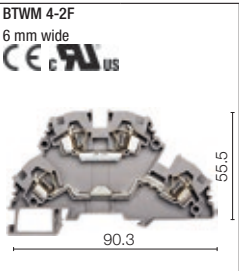
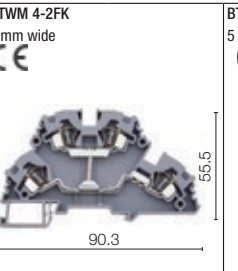
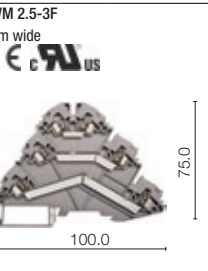
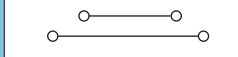
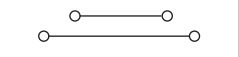
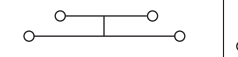
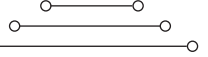
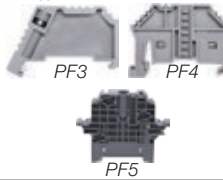
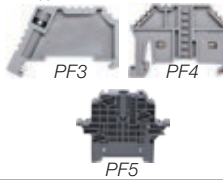
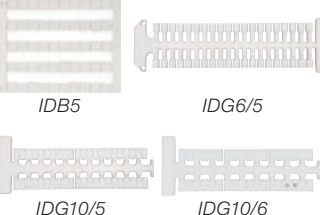
BTWM Series - Ground Terminal Blocks

		BTWM 2.5T 5 mm wide   51.0 35.5		BTWM 4T 6 mm wide   55.0 37.0		BTWM 6T 8 mm wide   64.0 38.5		BTWM 10T 10 mm wide   70.0 43.0	
Technical data		Cross section							
IEC 60947-7-1		2.5 mm²		4 mm²		6 mm²		10 mm²	
UL / CSA		AWG 22...12		AWG 22...10		AWG 22...8		AWG 20...6	
Cable stripping		10 mm		12 mm		12 mm		13 mm	
Connection capacity									
Rigid wire		0.5...4 mm²		0.5...6 mm²		0.5...10 mm²		0.5...16 mm²	
Flexible cable		0.5...2.5 mm²		0.5...4 mm²		0.5...6 mm²		0.5...10 mm²	
AWG conductor		22...12		22...10		22...8		20...6	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Green	BTWM 2.5T-VD/AM	50	BTWM 4T-VD/AM	50	BTWM 6T-VD/AM	40	BTWM 10T-VD/AM	30
End plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
1.2 mm wide 	Green	TF-BTWM 2.5 T	10	TF-BTWM 4 T	10	TF-BTWM 6 T	10	TF-BTWM 10 T	10
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
8 mm wide 	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Rail	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
	Rail	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
DIN EN 50022 	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
 IDB5		IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
 IDG6/5		IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400
 IDG10/5		IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440
 IDG10/6		-		IDG10/6-BTW	360	IDG10/6-BTW	360	IDG10/6-BTW	360

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Spring Clamp Type Connection

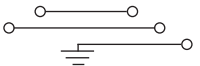
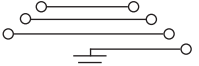
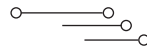
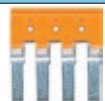
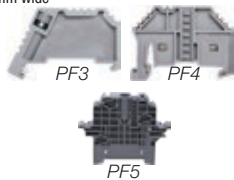
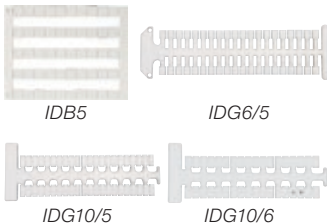
BTWM Series - Double Terminal Blocks - Triple Terminal Blocks

		BTWM 2.5-2F 5 mm wide 		BTWM 4-2F 6 mm wide 		BTWM 4-2FK 6 mm wide 		BTWM 2.5-3F 5 mm wide 	
									
Technical data		Voltage / Current / Cross section							
IEC 60947-7-1		500 V~ / 24 A / 2.5 mm²		750 V~ / 30 A / 4 mm²		750 V~ / 30 A / 4 mm²		500 V~ / 24 A / 2.5 mm²	
UL / CSA		600 V~ / 20 A / AWG 22...12		600 V~ / 26 A / AWG 22...10		-		600 V~ / 20 A / AWG 22...12	
Cable stripping		10 mm		12 mm		10 mm		10 mm	
Connection capacity									
Rigid wire		0.5...4 mm²		0.5...6 mm²		0.5...6 mm²		0.5...4 mm²	
Flexible cable		0.5...2.5 mm²		0.5...4 mm²		0.5...4 mm²		0.5...2.5 mm²	
AWG conductor		22...12		22...10		22...10		22...12	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Grey	BTWM 2.5-2F	50	BTWM 4-2F	50	BTWM 4-2K	50	BTWM 2.5-3F	20
End plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
1.5 mm wide 	Grey	TF-BTWM 2.5-2F	50	TF-BTWM 4-2F	25	TF-BTWM 4-2F	50	TF-BTWM 4-2F	10
Connecting bridge	Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	2	PC-BTWM 2.5/2	25	PC-BTWM 4/2	25	PC-BTWM 4/2	25	PC-BTWM 2.5/2	25
	3	PC-BTWM 2.5/3	20	PC-BTWM 4/3	20	PC-BTWM 4/3	20	PC-BTWM 2.5/3	20
	4	PC-BTWM 2.5/4	15	PC-BTWM 4/4	15	PC-BTWM 4/4	15	PC-BTWM 2.5/4	15
	10	PC-BTWM 2.5/10	5	PC-BTWM 4/10	5	PC-BTWM 4/10	5	PC-BTWM 2.5/10	5
End bracket 8 mm wide 	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
	Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
DIN EN 50022 	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	IDB5	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
		-		IDG6/5-BTW	400	IDG6/5-BTW	400	-	
	IDG10/5	-		IDG10/5-BTW	440	IDG10/5-BTW	440	-	
		-		IDG10/6-BTW	360	IDG10/6-BTW	360	-	

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Spring Clamp Type Connection

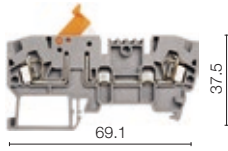
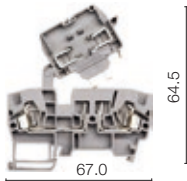
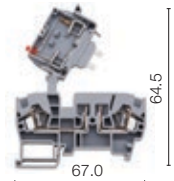
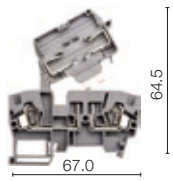
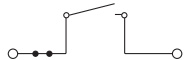
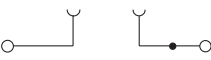
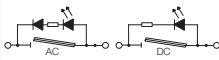
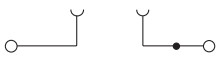
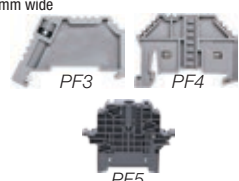
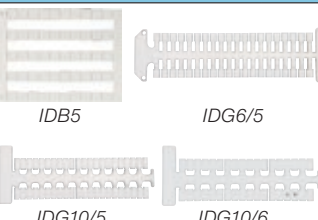
BTWM Series - Double Terminal Block + Ground - Triple Terminal Block + Ground - Terminal Block for Sensors

		BTWM 2.5-2FT 5 mm wide 		BTWM 2.5-3FT 5 mm wide 		BTWM 3S 5 mm wide 	
							
Technical data							
		Voltage / Current / Cross section					
IEC 60947-7-1		500 V~ / 24 A / 2.5 mm²		500 V~ / 24 A / 2.5 mm²		500 V~ / 24 A / 2.5 mm²	
UL / CSA		600 V~ / 20 A / AWG 22...12		600 V~ / 20 A / AWG 22...12		-	
Cable stripping		10 mm		10 mm		10 mm	
Connection capacity							
Rigid wire		0.5...4 mm²		0.5...4 mm²		0.5...4 mm²	
Flexible cable		0.5...2.5 mm²		0.5...2.5 mm²		0.5...2.5 mm²	
AWG conductor		22...12		22...12		22...12	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Grey	BTWM 2.5-2FT	20	BTWM 2.5-3FT	20	BTWM 3S	20
End plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
1.5 mm wide 	Grey	TF-BTWM 2.5-2F	10	TF-BTWM 2.5-3FT	10	TF-BTWM 3S	10
Connecting bridge	Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	2	PC-BTWM 2.5/2	25	PC-BTWM 2.5/2	25	PC-BTWM 2.5/2	25
	3	PC-BTWM 2.5/3	20	PC-BTWM 2.5/3	20	PC-BTWM 2.5/3	20
	4	PC-BTWM 2.5/4	15	PC-BTWM 2.5/4	15	PC-BTWM 2.5/4	15
	10	PC-BTWM 2.5/10	5	PC-BTWM 2.5/10	5	PC-BTWM 2.5/10	5
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
8 mm wide 	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
	Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
DIN EN 50022 	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier ²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Spring Clamp Type Connection

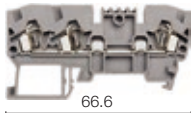
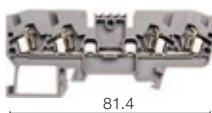
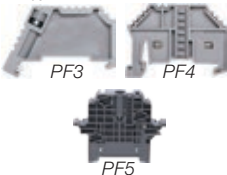
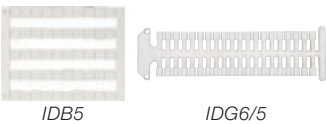
BTWM Series - Disconnect Terminal Block - Terminal Blocks for Fuses

		BTWM 2.5A 5 mm wide 		BTWM S 8 mm wide 		BTWM SLD 8 mm wide 		BTWM I 8 mm wide 	
									
Technical data									
		Voltage / Current / Cross section							
IEC 60947-7-1		750 V~ / 16 A / 2.5 mm²		500 V~ / 10 A / 4 mm²		750 V~ / 30 A / 4 mm²		500 V~ / 10 A / 4 mm²	
UL / CSA		600 V~ / 10 A / AWG 22...12		600 V~ / 10 A / AWG 22...10		AWG 22...12		600 V~ / 10 A / AWG 22...10	
Fuse dimensions		-		5x20 or 5x25 mm		5x20 or 5x25 mm		6,35x31,75 mm (1/4"x1 1/4")	
Cable stripping		10 mm		12 mm		10 mm		12 mm	
Connection capacity									
Rigid wire		0.5...4 mm²		0.5...6 mm²		0.5...6 mm²		0.5...6 mm²	
Flexible cable		0.5...2.5 mm²		0.5...4 mm²		0.5...4 mm²		0.5...4 mm²	
AWG conductor		22...12		22...10		22...10		22...10	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Grey	BTWM 2.5A	50	BTWM S	20	BTWM S	20	BTWM I	20
	-	-	-	Note: houses a spare fuse.		BTWM SLD C03 - 24 V dc BTWM SLD D13 - 110 V ac BTWM SLD D23 - 220 V ac		Note: houses a spare fuse.	
End plate 1.5 mm wide	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	TF-BTWM 2.5A	10	TF-BTWM S-I	10	TF-BTWM S-I	50	TF-BTWM S-I	10
Connecting bridge	Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	2	PC-BTWM 2.5/2	25	PC-BTWM 6/2	25	PC-BTWM 4/2	25	PC-BTWM 6/2	25
	3	PC-BTWM 2.5/3	20	PC-BTWM 6/3	20	PC-BTWM 4/3	20	PC-BTWM 6/3	20
	4	PC-BTWM 2.5/4	15	PC-BTWM 6/4	15	PC-BTWM 4/4	15	PC-BTWM 6/4	15
	10	PC-BTWM 2.5/10	5	PC-BTWM 6/10	5	PC-BTWM 4/10	5	PC-BTWM 6/10	5
End bracket 8 mm wide	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
	Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
		IDG6/5-BTW	400	-	-	IDG6/5-BTW	400	-	-
		IDG10/5-BTW	440	-	-	IDG10/5-BTW	440	-	-
		-	-	-	-	IDG10/6-BTW	360	-	-

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Spring Clamp Type Connection

BTWM Series - 1In-2Out Terminal Block - 2In-2Out Terminal Block - Double Ground Terminal Block

		BTWM 2.5E 5 mm wide   35.5 66.6		BTWM 2.5C 5 mm wide   35.5 81.4		BTWM 2.5CT 5 mm wide   35.5 81.4	
Technical data							
		Voltage / Current / Cross section		Cross section			
IEC 60947-7-1		750 V~ / 24 A / 2.5 mm²		750 V~ / 24 A / 2.5 mm²		2.5 mm²	
UL / CSA		600 V~ / 20 A / AWG 22...12		600 V~ / 20 A / AWG 22...12		AWG 22...12	
Cable stripping		13 mm		13 mm		13 mm	
Connection capacity							
Rigid wire		0.5...4 mm²		0.5...4 mm²		0.5...4 mm²	
Flexible cable		0.5...2.5 mm²		0.5...2.5 mm²		0.5...2.5 mm²	
AWG conductor		22...12		22...12		22...12	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Grey	BTWM 2.5E	50	BTWM 2.5C	50	-	-
	Green	-	-	-	-	BTWM 2.5CT	50
End plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
1.2 mm wide	Grey	TF-BTWM 2.5E	10	TF-BTWM 2.5C	10	-	-
	Green	-	-	-	-	TF-BTWM 2.5CT	10
Connecting bridge	Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	2	PC-BTWM 2.5/2	25	PC-BTWM 2.5/2	25		
	3	PC-BTWM 2.5/3	20	PC-BTWM 2.5/3	20		
	4	PC-BTWM 2.5/4	15	PC-BTWM 2.5/4	15		
	10	PC-BTWM 2.5/10	5	PC-BTWM 2.5/10	5		
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
8 mm wide		Grey	PF3-BTW	100	PF3-BTW	100	100
		Grey	PF4-BTW	100	PF4-BTW	100	100
		Grey	PF5-BTW	100	PF5-BTW	100	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
DIN EN 50022	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier ²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	IDB5	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
	IDG6/5	IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400
	IDG10/5	IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440
	IDG10/6						

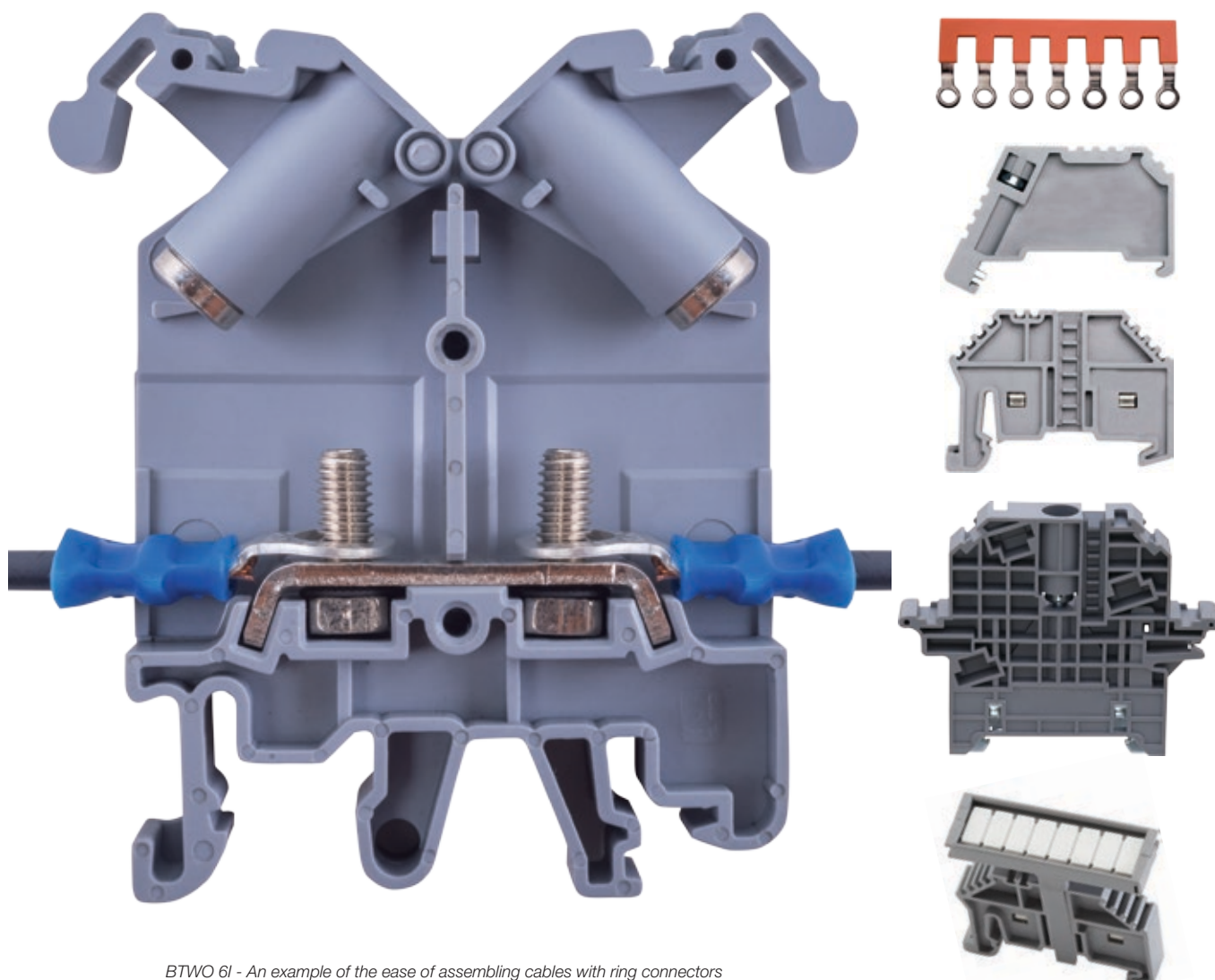
Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

BTWO Series - Screw Type for Ring and Fork Connectors

Suitable for industrial use, providing safety and practicality in the connection of electrical cables. The assembly is made easily and fast since the terminal blocks are prepared to receive cables with ring and fork connectors. This resource allows the terminal blocks to be used in the steel industry, mining, energy utilities and medium-voltage cubicles.

Main Advantages of BTWO Series

- Cross-section cables
- 2 models: standard and with unlosable screw
- Application in environments with vibrations
- Complete range of accessories
- CE certification

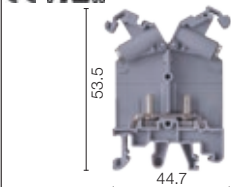
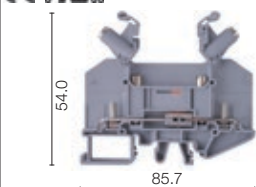
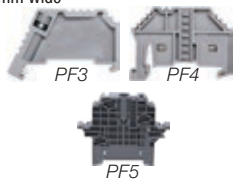
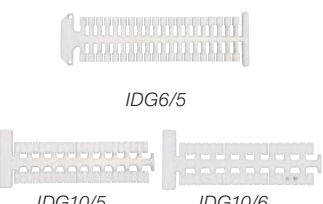


BTWO 6I - An example of the ease of assembling cables with ring connectors



Selection Guide - Screw Type for Ring Connectors

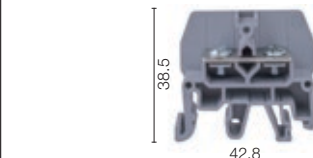
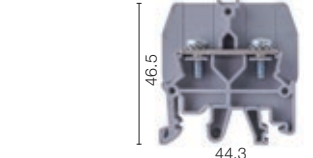
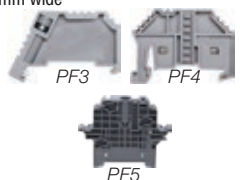
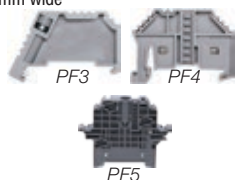
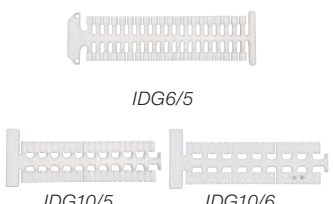
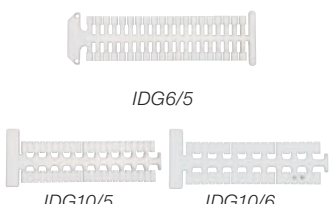
BTWO Series - Terminal Blocks

		BTWO 6I 11 mm wide 		BTWO 6G - Disconnect/Test Terminal Block 11 mm wide 		BTWO 6 IT-VD/AM 11 mm wide 	
Technical data							
		Voltage / Current / Cross section					
IEC 60947-7-1		800 V / 41 A / 6 mm ²		500 V / 41 A / 6 mm ²		6 mm ²	
Type of connector		Ring		Ring		Ring	
Tightening torque		0.8 Nm		0.8 Nm		0.8 Nm	
Connection capacity							
Rigid wire		0.5 - 6 mm ²		0.5 - 6 mm ²		0.5 - 6 mm ²	
Flexible cable		0.5 - 6 mm ²		0.5 - 6 mm ²		0.5 - 6 mm ²	
AWG conductor		20...10		26...10		20...10	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Grey	BTWO 6I	100	BTWO 6G	100	BTWO 6 IT-VD/AM	100
End plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	TF-BTWO 6I	25	TF-BTWO 6G	25	-	25
Connecting bridge	Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
 PC-BTWO 6I/7	2	PC-BTWO 6I/2	25	PC-BTWO 6I/2	25	-	-
	3	PC-BTWO 6I/3	20	PC-BTWO 6I/3	20	-	-
	4	PC-BTWO 6I/4	15	PC-BTWO 6I/4	15	-	-
	7	PC-BTWO 6I/7	5	PC-BTWO 6I/7	5	-	-
	10	PC-BTWO 6I/10	5	PC-BTWO 6I/10	5	-	-
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
 8 mm wide	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
	Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
 DIN EN 50022	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25
Group identifier	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50
	Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400
		IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440
		IDG 10/6-BTW	360	IDG 10/6-BTW	360	IDG 10/6-BTW	360

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Screw Type for Fork Connectors

BTWO Series - Terminal Blocks

BTWO 6 9.5 mm wide 		BTWO 10 13 mm wide 	
			
Technical data		Voltage / Current / Cross section	
IEC 60947-7-1		800 V / 41 A / 6 mm ²	
Type of connector		Fork	
Tightening torque		1.2 Nm	
Connection capacity		Reference code	
Rigid wire		0.5 - 6 mm ²	
Flexible cable		0.5 - 6 mm ²	
AWG conductor		20...10	
Raw material - plastic body		Reference code	
Polyamide 66		BTWO 6	
End plate		Reference code	
			
Grey		TF-BTWO 6	
		25	
		TF-BTWO 10	
		25	
Connecting bridge		Reference code	
			
Nr. poles		Reference code	
2		PC-BTWO 6/2	
3		PC-BTWO 6/3	
4		PC-BTWO 6/4	
7		PC-BTWO 6/7	
10		PC-BTWO 6/10	
Reference code		Reference code	
25		25	
20		20	
15		15	
5		5	
5		5	
End bracket		Reference code	
8 mm wide		Reference code	
			
Grey		PF3-BTW	
		100	
Grey		PF4-BTW	
		100	
Grey		PF5-BTW	
		100	
Rail / support		Reference code	
DIN EN 50022		Reference code	
			
Type		Reference code	
Rail		MR 35x7.5	
		2 m busbars	
Support		ST-BTW	
		25	
Group identifier		Reference code	
			
Color		Reference code	
Grey		IG-BTW	
		50	
Clear		IG22-BTW ¹⁾	
		25	
Identifier²⁾		Reference code	
			
Reference code		Reference code	
IDG6/5-BTW		IDG6/5-BTW	
		400	
IDG10/5-BTW		IDG10/5-BTW	
		440	
IDG 10/6-BTW		IDG 10/6-BTW	
		360	

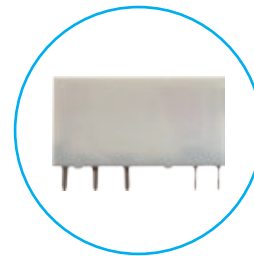
Notes: 1) For assembly on PF4-BTW end bracket.
 2) Further details about identifiers on page 48.

BTWR Series - Terminal Blocks Relays

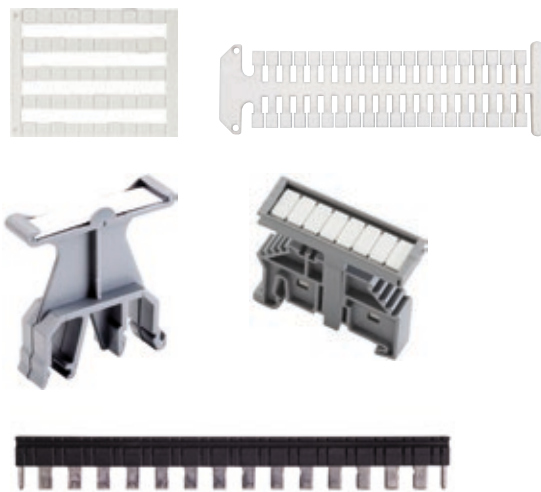
The BTWR interface relay receives an AC or DC signal from the controller (mA) and switch its output (with higher current-carrying capacity) that will be sent to the field (actuators and sensors). In this way, the interface relay has the functions of switching, amplification, isolation and protection of the controller's output.

Main Advantages of BTWR Series

- Available in voltages of 24/48/60/110/230 V ac/dc
- Quick installation
- 6.2 mm thickness
- 1 reversible contact
- LED indicator
- Easy relay connection
- Anti-vibration system
- CE certification

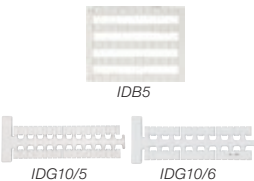


Easy fitting and release



Selection Guide - Terminal Blocks Relays

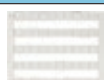
BTWR Series - Terminal Blocks

		BTWR P16E26 6.2 mm wide		BTWR P16E27 6.2 mm wide		BTWR P16E28 6.2 mm wide		
								
Technical data		Voltage / Current / Cross section						
Coil voltage		24 V ac/dc / 6 A		48 V ac/dc / 6 A		60 V ac/dc / 6 A		
Cable stripping		8 mm		8 mm		8 mm		
Tightening torque		0.4 Nm		0.4 Nm		0.4 Nm		
Contact band		6 A 250 V ac / 30 V dc						
Maximum switching voltage		400 V ac (3.7 A) / 125 V dc (1.4 A)						
Maximum switching current		6 A						
Maximum switching power		1,500 VA / 180 W						
Mechanical lifecycle		1x10 ⁷ operations						
Electrical lifecycle		(NO) 3x10 ⁴ operations (85 °C) (NC) 1x10 ⁴ operations (85 °C)						
Clearance resistance		1,000 MΩ (500 V dc)						
Operation time		10ms máx.						
Relay indication		LED green						
Connection capacity								
Flexible cable		2.5 mm ²						
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
Polyamide 66	Grey	BTWR P16E26	10	BTWR P16E27	10	BTWR P16E28	10	
Connecting bridge	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
	Grey	PC-BTWR 2.5/16R	50	PC-BTWR 2.5/16R	50	PC-BTWR 2.5/16R	50	
Relay base		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
		BR-BTWR 2.5/1R E26	1	BR-BTWR 2.5/1R E27	1	BR-BTWR 2.5/1R E28	1	
Relay module		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
		RE-BTWR 4 C03	1	RE-BTWR 2.5R C03	1	RE-BTWR 2.5R C09	1	
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
8 mm wide 	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100	
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100	
	Grey	PF5-BTW	100	PF5-BTW	100	PF5-BTW	100	
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
DIN EN 50022 	Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars	
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25	
Group identifier		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		Grey	IG-BTW	50	IG-BTW	50	IG-BTW	50
		Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25
Identifier ²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
		IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	
		IDG10/5-BTW	440	IDG10/5-BTW	440	IDG10/5-BTW	440	
		IDG 10/6-BTW	360	IDG 10/6-BTW	360	IDG 10/6-BTW	360	

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

Selection Guide - Terminal Block Relays

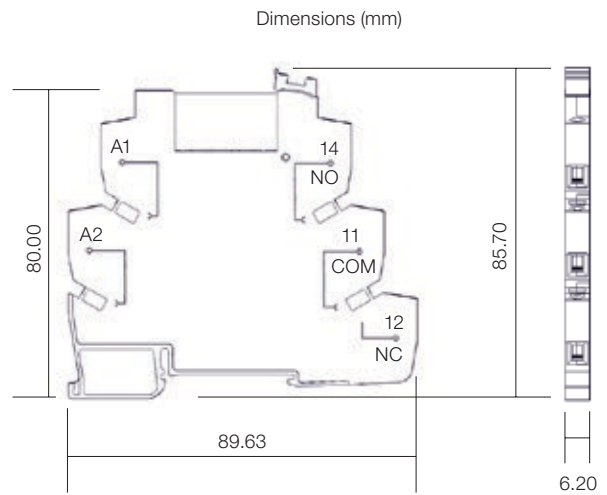
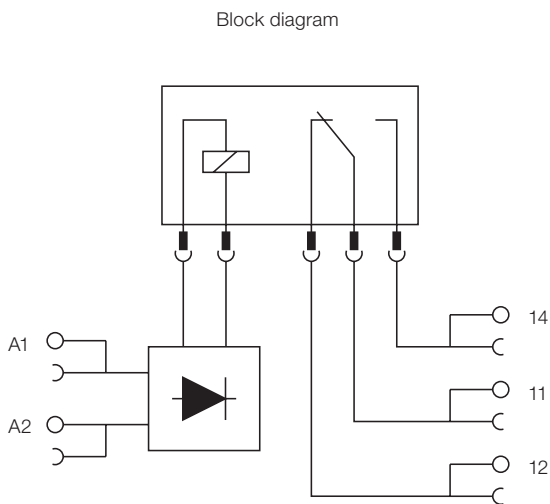
BTWR Series - Terminal Blocks

		BTWR P16E29 6.2 mm wide		 CE		BTWR P16E31 6.2 mm wide		 CE	
Technical data		Voltage / Current / Cross section							
Coil voltage		110 V ac/dc / 6 A				230 V ac/dc / 6 A			
Cable stripping		8 mm				8 mm			
Tightening torque		0.4 Nm				0.4 Nm			
Contact band		6 A 250 V ac / 30 V dc							
Maximum switching voltage		400 V ac (3.7 A) / 125 V dc (1.4 A)							
Maximum switching current		6 A							
Maximum switching power		1,500 VA / 180 W							
Mechanical lifecycle		1x10 ⁷ operations							
Electrical lifecycle		(NO) 3x10 ⁴ operations (85 °C) (NC) 1x10 ⁴ operations (85 °C)							
Clearance resistance		1,000 MΩ (500 V dc)							
Operation time		10ms máx.							
Relay indication		LED green							
Connection capacity									
Flexible cable		2.5 mm ²							
Raw material - plastic body		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
Polyamide 66		Grey	BTWR P16E29	10	BTWR P16E31	10			
Connecting bridge		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
		Grey	PC-BTWR 2.5/16R	50	PC-BTWR 2.5/16R	50			
Relay base			Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
			BR-BTWR 2.5/1R E29	1	BR-BTWR 2.5/1R E31	1			
Relay module			Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
			RE-BTWR 2.5R C09	1	RE-BTWR 2.5R C09	1			
End bracket		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
8 mm wide		Grey	PF3-BTW	100	PF3-BTW	100			
		Grey	PF4-BTW	100	PF4-BTW	100			
		Grey	PF5-BTW	100	PF5-BTW	100			
									
Rail / support		Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
DIN EN 50022		Rail	MR 35x7.5	2 m busbars	MR 35x7.5	2 m busbars			
		Support	ST-BTW	25	ST-BTW	25			
									
Group identifier		Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
		Grey	IG-BTW	50	IG-BTW	50			
		Clear	IG22-BTW ¹⁾	25	IG22-BTW ¹⁾	25			
Identifier ²⁾			Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	
			IDB5-BTW	500	IDB5-BTW	500			
			IDG10/5-BTW	440	IDG10/5-BTW	440			
			IDG 10/6-BTW	360	IDG 10/6-BTW	360			

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.

BTWR Series

Block Diagram and Dimensions



BTWK/BTWY Series - Mini Terminal Blocks

Ideal solution for projects with limited space in panels, junction boxes and terminal box of motors, such as manufacturers of small machines.

Can be assembled on a miniature DIN rail on a flat surface and assembly boards.

Main Advantages of BTWK / BTWY Series

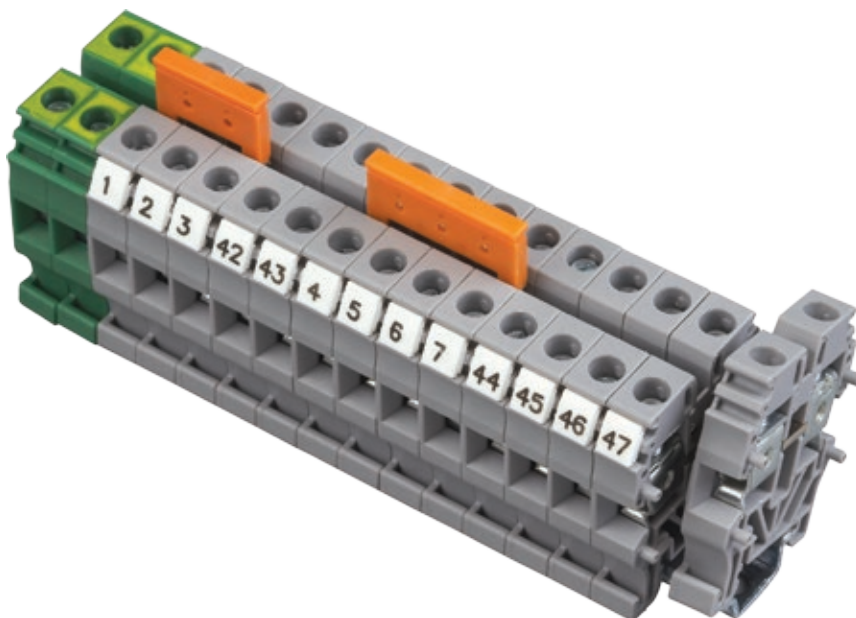
- Cross-section cables from 0.5 to 4 mm²
- Available in two connection versions:
 - Screw type
 - Spring clamp type
- Application in space-constrained environments
- Complete range of accessories
- CE certification



BTWK



BTWY

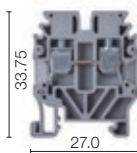
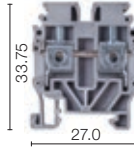
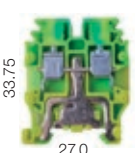
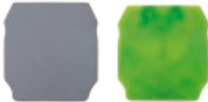
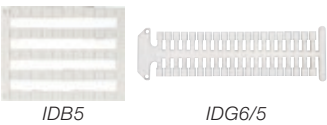


Surface Mounting Option



Selection Guide - Mini Terminal Blocks with Screw Type Connection

BTWK Series - Mini Terminal Blocks with Screw Type Connection

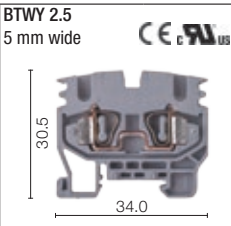
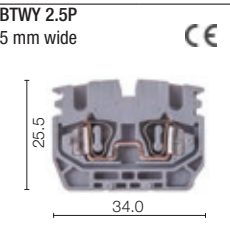
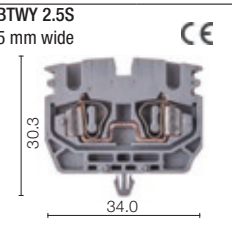
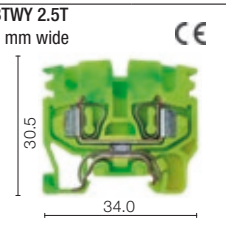
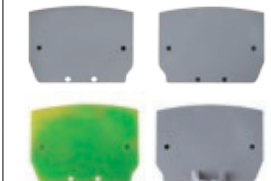
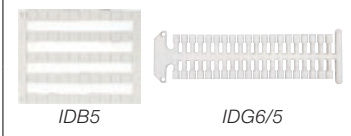
		BTWK 2.5 5 mm wide		BTWK 4 6 mm wide		BTWK 2.5T 5 mm wide		BTWK 4T 6 mm wide	
									
		33.75 27.0		33.75 27.0		33.75 27.0		33.75 27.0	
Technical data		Voltage / Current / Cross section							
IEC 60947-7-1		400 V~ / 24 A / 2.5 mm²		400 V~ / 32 A / 4 mm²		2.5 mm²		4 mm²	
UL / CSA		300 V~ / 20 A / AWG 26 - 12		300 V~ / 30 A / AWG 24 - 10		AWG 26 - 12		AWG 24 - 10	
Cable stripping		12 mm		10 mm		10 mm		10 mm	
Tightening torque		1.2 Nm		0.5 Nm		0.4 Nm		0.5 Nm	
Connection capacity									
Rigid wire		0.5 - 4 mm²		0.5 - 6 mm²		0.5 - 4 mm²		0.5 - 6 mm²	
Flexible cable		0.5 - 4 mm²		0.5 - 6 mm²		0.5 - 4 mm²		0.5 - 6 mm²	
AWG conductor		16...8		26...10		26...12		26...10	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Grey	BTWK 2.5	100	BTWK 4	100	-	-	-	-
	Green	-	-	-	-	BTWK 2.5T	10	BTWK 4T	10
End plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	TF-BTWK 2.5-4	100	TF-BTWK 2.5-4	100	TF-BTWK 2.5-4T	100	TF-BTWK 2.5-4T	100
Connecting bridge	Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	2	PC-BTWM 2.5/2	25	PC-BTWM 4/2	25	PC-BTWM 2.5/2	25	PC-BTWM 4/2	25
	3	PC-BTWM 2.5/3	20	PC-BTWM 4/3	20	PC-BTWM 2.5/3	20	PC-BTWM 4/3	20
	4	PC-BTWM 2.5/4	15	PC-BTWM 4/4	15	PC-BTWM 2.5/4	15	PC-BTWM 4/4	15
	10	PC-BTWM 2.5/10	5	PC-BTWM 4/10	5	PC-BTWM 2.5/10	5	PC-BTWM 4/10	5
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	PF2-BTW-3	100	PF2-BTW-3	100	PF2-BTW-3	100	PF2-BTW-3	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Rail	MR 15x5.5	Busbars 1 m	MR 15x5.5	Busbars 1 m	MR 15x5.5	Busbars 1 m	MR 15x5.5	Busbars 1 m
	Support	ST-BTW	25	ST-BTW	25	ST-BTW	25	ST-BTW	25
Identifier ²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
		IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
		IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400

Notes: 1) For assembly on PF4-BTW end bracket.
2) Further details about identifiers on page 48.



Selection Guide - Mini Terminal Blocks with Spring Clamp Type Connection

BTWY Series - Mini Terminal Blocks with Spring Clamp Connection

		BTWY 2.5 5 mm wide 		BTWY 2.5P 5 mm wide 		BTWY 2.5S 5 mm wide 		BTWY 2.5T 5 mm wide 	
Technical data		Voltage / Current / Cross section							
IEC 60947-7-1		750 V~ / 24 A / 2.5 mm²		750 V~ / 24 A / 2.5 mm²		750 V~ / 24 A / 2.5 mm²		2.5 mm²	
UL / CSA		600 V~ / 20 A / AWG 22 - 12		600 V~ / 20 A / AWG 22 - 12		600 V~ / 20 A / AWG 22 - 12		AWG 22 - 12	
Cable stripping		10 mm		10 mm		10 mm		10 mm	
Connection capacity									
Rigid wire		0.5 - 4 mm²		0.5 - 4 mm²		0.5 - 4 mm²		0.5 - 4 mm²	
Flexible cable		0.5 - 2.5 mm²		0.5 - 2.5 mm²		0.5 - 2.5 mm²		0.5 - 2.5 mm²	
AWG conductor		22...12		22...12		22...12		22...12	
Raw material - plastic body	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
Polyamide 66	Grey	BTWY 2.5	50	BTWY 2.5P	100	BTWY 2.5S	100	-	-
	Green	-	-	-	-	-	-	BTWY 2.5T	50
End plate	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	TF-BTWY	100	TFF-BTWY 2.5E ³⁾	100	TF-BTWY 2.5E ³⁾	100	-	-
				TFF-BTWY 2.5D ³⁾	100	TF-BTWY 2.5D ³⁾	100	-	-
	Green	-	-	-	-	-	-	TF-BTWY 2.5T	10
Connecting bridge	Nr. poles	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	2	PC-BTWM 2.5/2	25	PC-BTWM 2.5/2	25	PC-BTWM 2.5/2	25	PC-BTWM 2.5/2	25
	3	PC-BTWM 2.5/3	20	PC-BTWM 2.5/3	20	PC-BTWM 2.5/3	20	PC-BTWM 2.5/3	20
	4	PC-BTWM 2.5/4	15	PC-BTWM 2.5/4	15	PC-BTWM 2.5/4	15	PC-BTWM 2.5/4	15
	10	PC-BTWM 2.5/10	5	PC-BTWM 2.5/10	5	PC-BTWM 2.5/10	5	PC-BTWM 2.5/10	5
End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Grey	PF2-BTW-3	100	Onboard fitting		Onboard fitting		PF2-BTW-3	100
Rail / support	Type	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	Rail	MR 15x5.5	Busbars 1 m	Surface mounting		Surface mounting		MR 15x5.5	Busbars 1 m
	Support	ST-BTW	25					ST-BTW	25
Identifier²⁾		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack
	IDB5 IDG6/5	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500	IDB5-BTW	500
		IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400	IDG6/5-BTW	400

Notes: 1) For assembly on PF4-BTW end bracket.

2) Further details about identifiers on page 48.

3) TF-BTWY 2.5E & TFF-BTWY 2.5E refer to closing plates for the left side of terminal block. TF-BTWY 2.5D & TFF-BTWY 2.5D refer to closing plates for the right side of the terminal block.

Busbar Connectors

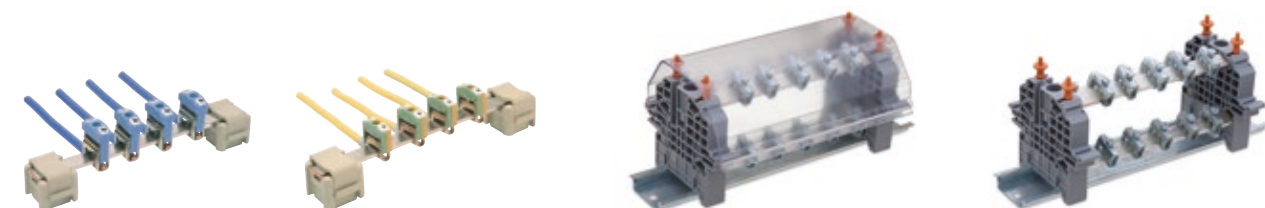
CB Series

CB series busbar connectors		CB4		CB10		CB35					
											
Technical data											
Cross section		4 mm²		10 mm²		35 mm²					
Screw		M3		M4		M6					
Busbar dimensions		10x3 mm		10x3 mm		10x3 mm					
Cable stripping		16 mm		19 mm		19 mm					
Tightening torque		0.5 Nm		1.2 Nm		2.8 Nm					
Connection capacity											
Rigid wire		0.5...6 mm²		1.5...10 mm²		16...50 mm²					
Flexible cable		0.5...4 mm²		2.5...10 mm²		16...35 mm²					
Color		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack				
-		CB4-BTW	200	CB10-BTW	100	CB35-BTW	50				
Blue		CB4N-BTW	100	CB10N-BTW	100	CB35N-BTW	50				
Green/yellow		CB4PE-BTW	100	CB10PE-BTW	100	CB35PE-BTW	50				
Busbar support	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack				
	Beige	SB-BTW ¹⁾	50	SB-BTW ¹⁾	50	SB-BTW ¹⁾	50				
Busbar support / End bracket	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack				
	Grey	PF5-BTW ²⁾	100	PF5-BTW ²⁾	100	PF5-BTW ²⁾	100				
Protection cover ³⁾	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack				
	Clear	TT-BTW	1 m x 10	TT-BTW	1 m x 10	TT-BTW	1 m x 10				
Sealing pin (PF5-BTW + TT-BTW)	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack				
	Orange	PF5-BTW PE	4	PF5-BTW PE	4	PF5-BTW PE	4				
Holding plate for cover	Color	Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack				
	Grey	STT-BTW	2	STT-BTW	2	STT-BTW	2				
Copper busbar 10x3 mm		Reference code	Qty/pack	Reference code	Qty/pack	Reference code	Qty/pack				
Tinned		BR10x3	Busbars 1 m	BR10x3	Busbars 1 m	BR10x3	Busbars 1 m				

Note: 1) Also fits busbars of the following dimensions: 15x2 mm, 15x3 mm, 12x2 mm and 6x6 mm.

2) It's possible to assembly up to 3 bars of 10x3 mm on PF5-BTW.

3) The protection cover TT-BTW can be assembled using: PF5-BTW + PF5-BTW PE or just with STT-BTW.

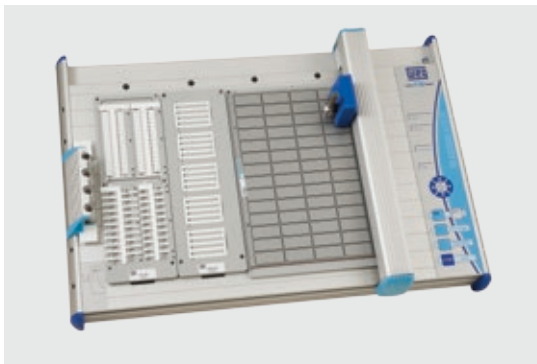


Illustrative images only.

The assembly shown above can be used as a busbar for circuits of distribution and control in electrical panels.

PWA3 & PWA4 Plotting Systems

PWA3 and PWA4 are the most flexible identification plotters for industrial applications, allowing to record all identification material like terminal blocks identifiers, self-adhesive plates and cable identifier plates with the use of only one plotter. The control is made by software in a clear and quick way and the plotter is connected to a computer via USB connection. The operation is possible with only few clicks, making recording a simple operation.



Items Included with the PWA3 Plotter

- A3 Plotter - PWA3 (297x420)
- Two support trays for terminal block identifiers IDG-BTW / IDB5-BTW
- Two plotter pens 0.25 mm C025-PW
- Five refill inks for the plotter pen
- (5x1 ml) CT-PW
- One permanent pen (test) 0.30 mm CP030-PW
- One refill ink 30 ml RT-PW
- One cleaning kit KL-PW
- One plotter protection cover CP-PW
- One plate set for pen cleaning with 25 pieces



Items Included with the PWA4 Plotter

- A4 Plotter - PWA4 (210x297)
- Support tray for terminal block identifier IDG-BTW
- Support tray for terminal block identifier IDB5-BTW
- Plotter pen 0.25 mm C025PD
- One plate set for pen cleaning with 25 pieces

Accessories for PWA3 & PWA4 Plotting Systems

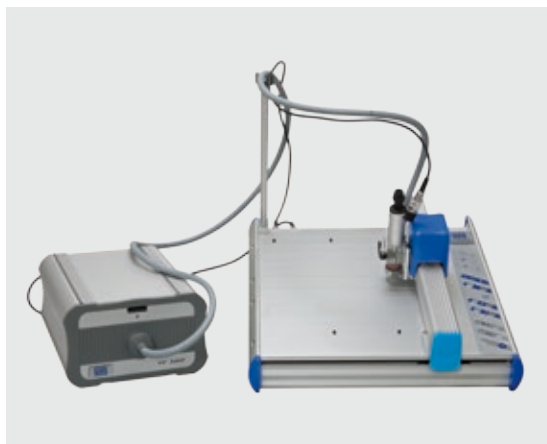
WEG has a full range of replacement accessories for the PWA3 & PWA4 plotting systems.

Description	Quantity	Reference code
Plotter ink replacement 30 ml	1	RT2-PW
Plotter ink replacement 5x1 ml	1	CT2-PW
Plotter ink replacement 30 ml	1	RT-PW
Plotter ink replacement 5x1 ml	5	CT-PW
Cleaning fluid 1x30 ml	1	FL-PW
Disposable plotter pen 0.18 mm	1	C018-PD
Disposable plotter pen 0.25 mm	1	C025-PD
Disposable plotter pen 0.35 mm	1	C035-PD
Disposable plotter pen 0.50 mm	1	C050-PD
Disposable plotter pen 0.70 mm	1	C070-PD
Disposable plotter pen 1.00 mm	1	C100-PD
Rechargeable plotter pen 0.18 mm	1	C018-PW
Rechargeable plotter pen 0.25 mm	1	C025-PW
Rechargeable plotter pen 0.35 mm	1	C035-PW
Rechargeable plotter pen 0.50 mm	1	C050-PW
Rechargeable plotter pen 0.70 mm	1	C070-PW
Rechargeable plotter pen 1.00 mm	1	C100-PW
Permanent pen (test) 0.30 mm	1	CP030-PW
Cleaning kit	1	KL-PW
Plotting tray for identifiers	1	IDG-PW
Plotting tray for identifiers	1	IDB5-PW
Plotting tray for plates	1	KLM-PW
Suction device	1	BS-PW
Pen holder - plotter	1	CPC-PW

PWEA4 Engraving System

The PWEA4 system records on multilayer surfaces of plastic, brass, aluminium and various materials. The lettering is controlled quickly and easily through WEG software.

WEG has also available the PWE kit. It is used to adapt a plotting system PWA3/PWA4 into a PWEA4 engraving system.



Items Included with the PWEA4 Engraving System

- USB cable
- Cutter head
- Support for cables and suction hoses
- Engraving needle with tip width of 0.50 mm - EN15-50 EN15-50

Items Included with the PWE Engraving System

- USB cable
- Cutter head
- Support for cables and suction hoses
- Engraving needle with tip width of 0.50 mm - EN15-50
- Support for cutter head
- CNC controller
- Vacuum cleaner
- Board for alignment calibration

Accessories for PWEA4 Plotting System

Description	Quantity	Reference code
Vacuum cleaner	1	VC-PWEA4
Vacuum cleaner bag	1	VCB-PWEA4
Engraving needle 15 degrees 0.20 mm	1	EN15-20
Engraving needle 15 degrees 0.30 mm	1	EN15-30
Engraving needle 15 degrees 0.40 mm	1	EN15-40
Engraving needle 15 degrees 0.50 mm	1	EN15-50
Engraving needle 15 degrees 0.70 mm	1	EN15-70
Engraving needle 15 degrees 1.00 mm	1	EN15-100
SET of engraving needles 15 degrees	1	EN15-SET
Double tooth cutter with tip width of 0.50 mm	1	FT-50
Double tooth cutter with tip width of 0.60 mm	1	FT-60
Double tooth cutter with tip width of 0.80 mm	1	FT-80
Double tooth cutter with tip width of 1.00 mm	1	FT-100
Double tooth cutter with tip width of 1.20 mm	1	FT-120
Double tooth cutter with tip width of 1.40 mm	1	FT-140
Double tooth cutter with tip width of 1.60 mm	1	FT-160
Double tooth cutter with tip width of 2.00 mm	1	FT-200
Double tooth cutter with tip width of 2.40 mm	1	FT-240
Double tooth cutter with tip width of 3.00 mm	1	FT-300



Identifiers

KIP/KBEP Identification Charts for Conductors

The clear identification of all conductors and cables contribute greatly to improved visualization in control panels and installations. Standardized and permanent identification of conductors is not luxury, but standard of quality required by the client for modern high quality investments.

We offer the following items for identification of conductors:

- Identification chart for conductors in dimension 15x4 mm (ref. KIP 15 W / Box with 480 units)
- Available in yellow and white colors



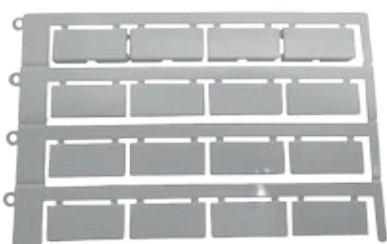
- Identification chart for conductors in dimension 18x4 mm (ref. KIP 18 W / Box with 240 units)
- Available in yellow and white colors



- Identification chart for conductors in dimension 23x4 mm (ref. KIP 23 W / Box with 240 units)
- Available in yellow and white colors



- Identification chart for conductors in dimension 30x4 mm (ref. KIP 30 W / Box with 240 units)
- Available in yellow and white colors



- Identification chart for conductors in dimension 20x9 mm (ref. KBEP209W / Box with 240 units)
- Available in white



Identifiers

Identifiers for Terminal Blocks

Identifiers	IDB5	IDG6/5	IDG10/5	IDG10/6
				
Technical data				
Identifier dimensions (height x width)	5x5 mm	6x5 mm	10x5 mm	10x6 mm
Identifier color	White	White	White	White
Color of lettering	Black	Black	Black	Black
Number of identifiers per box	500	400	440	360
Lettering				
Without lettering	Reference code			
Alphanumeric code upon request	IDB5-BTW	IDG6/5-BTW	IDG10/5T-BTW	IDG10/6T-BTW

Notes: - The identifiers are supplied only in complete packs.
 - Custom lettering upon request.
 - Supplied in boxes.

KKS/KBE Transparent Covers for Cable Identifiers

These cable identification systems are composed by covers and identification plates. The KKS covers are available from 1.5 up to 25 mm diameter.

For larger cables use KBE-3 covers fixed with cable ties.



Models Available

Cable diameter		Cover length	Pack (units)	Reference code
mm ²	AWG			
0.5...1.5	20...16	15 mm	2000	KKS 15/0.5-1.5
0.5...1.5	20...16	18 mm	2000	KKS 18/0.5-1.5
0.5...2.5	20...16	23 mm	2000	KKS 23/0.5-2.5
0.5...1.5	20...16	30 mm	1200	KKS 30/0.5-1.5
1.5...2.5	16...14	15 mm	500	KKS 15/1.5-2.5
1.5...2.5	16...14	18 mm	500	KKS18/1.5-2.5
1.5...2.5	16...14	23 mm	500	KKS 23/1.5-2.5
1.5...2.5	16...14	30 mm	500	KKS 30/1.5-2.5
2.5...4	14...12	15 mm	500	KKS 15/2.5-4
2.5...4	14...12	18 mm	500	KKS18/2.5-4
2.5...4	14...12	23 mm	500	KKS 23/2.5-4
2.5...4	14...12	30 mm	500	KKS 30/2.5-4
6...10	10...8	15 mm	500	KKS 15/6-10
6...10	10...8	18 mm	500	KKS18/6-10
6...10	10...8	23 mm	500	KKS 23/6-10
6...10	10...8	30 mm	200	KKS 30/6-10
16...25	6...4	15 mm	500	KKS 15/16-25
16...25	6...4	18 mm	500	KKS18/16-25
16...25	6...4	23 mm	200	KKS 23/16-25
16...25	6...4	30 mm	200	KKS 30/16-25
> 20	> 4	20 mm	120	KBE-3

Identifiers

KLM Self-Adhesive Plate Sheets

The identification of electric components and control panels is a requirement for fast and objective task completion. WEG offers excellent self-adhesive plates in several sizes. This type of identification is economical and has highly resistant characteristics. WEG currently provides nine distinct sizes of self-adhesive plates, according to the information below



- 27x12.5 mm self-adhesive plates kit with 120 plates (ref. KLM 27x12.5)



- 45x14 mm self-adhesive plates kit with 80 plates (ref. KLM 45x14)



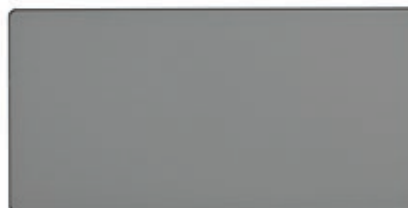
- 45x19 mm self-adhesive plates kit with 56 plates (ref. KLM 45x19)



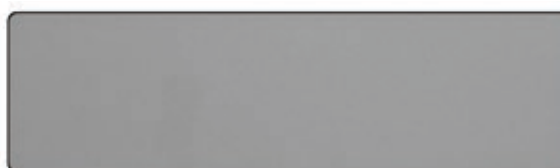
- 27x18 mm self-adhesive plates kit with 90 plates (ref. KLM 27x18)



- 70x35 mm self-adhesive plates kit with 20 plates (ref. KLM 70x35)



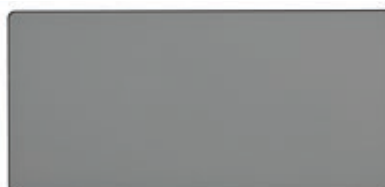
- 120x35 mm self-adhesive plates kit with 10 plates (ref. KLM 120x35)



- 20x8 mm self-adhesive plates kit with 306 plates (ref. KLM 20x8)



- 60x30 mm self-adhesive plates kit with 24 plates (ref. KLM 60x30)



- 52x26 mm self-adhesive plates kit with 35 plates (ref. KLM 52x26)



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