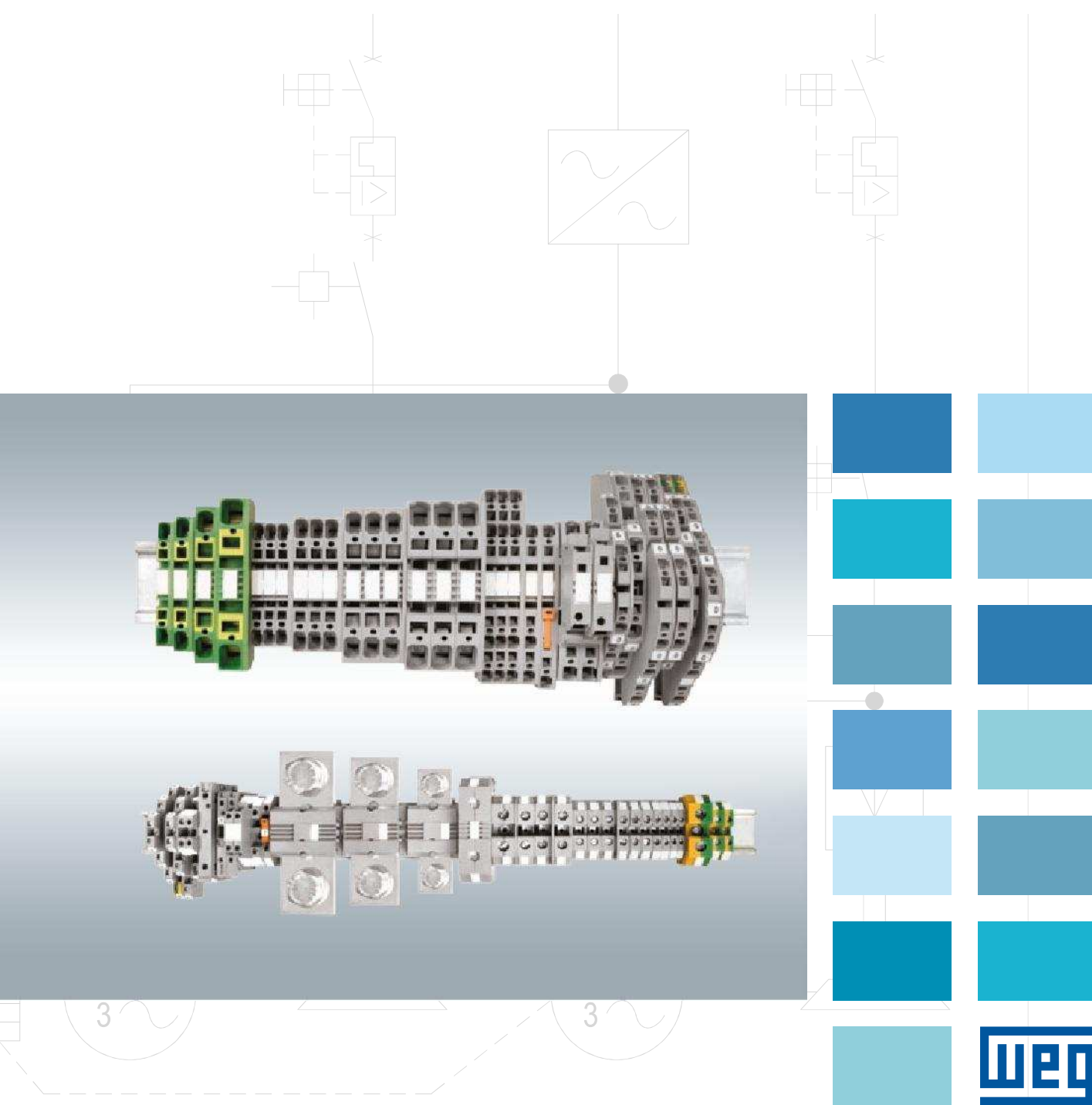


Terminal Blocks

BTW Series



Index - BTWP Series

Standard Terminal Blocks with Screw Type Connection



BTWP 2.5
pg. G6



BTWP 4
pg. G6



BTWP 6
pg. G6



BTWP 10
pg. G7



BTWP 16
pg. G7



BTWP 35
pg. G7



BTWP 70
pg. G7

Power Terminal Blocks



BTWP 95B
pg. G8



BTWP 150B
pg. G8



BTWP 240B
pg. G8



BTWP 2.5/4T
pg. G9



BTWP 6/10T
pg. G9



BTWP 16/35T
pg. G9

Ground Terminal Blocks

Double Terminal Blocks



BTWD 2.5N
pg. G10



BTWD 4N
pg. G10



BTWD 4NK
pg. G10

Triple Terminal Blocks



BTWT
pg. G10

Double Terminal Block + Ground



BTWT 2T
pg. G11

Triple Terminal Block + Ground



BTWT 3T
pg. G11

Terminal Block for Detectors



BTWT 3S
pg. G11

Disconnect Terminal



BTWS 3A
pg. G11

Terminal Blocks for Fuses



BTWS 2S
pg. G12



BTWS 2LD
pg. G12



BTWS 4S
pg. G12

1In-2Out Terminal Block



BTWP 4C
pg. G12

Index - BTWP Series

Terminal Blocks with Spring Connection



BTWM 2.5
pg. G14



BTWM 4
pg. G14



BTWM 6
pg. G14



BTWM 10
pg. G14

Ground Terminal Blocks



BTWM 2.5T
pg. G15



BTWM 4T
pg. G15



BTWM 6T
pg. G15



BTWM 10T
pg. G15

Double Terminal Blocks



BTWM 2F
pg. G16



BTWM 4-2F
pg. G16



BTWM 4-2FK
pg. G16

Triple Terminal Blocks



BTWM 2.5-3F
pg. G16

Double Terminal Block + Ground



BTWM 2.5-2FT
pg. G17

Triple Terminal Block + Ground



BTWM 2.5-3FT
pg. G17

Terminal Block for Detectors



BTWM 3S
pg. G17

Disconnect Terminal



BTWM 2.5A
pg. G17

Terminal Blocks for Fuses



BTWM S
pg. G18



BTW SLD
pg. G18



BTWM I
pg. G18

1In-2Out Terminal Block



BTWM 2E
pg. G18

2In-2Out Terminal Block



BTWM 2.5C
pg. G18

Double Earth Terminal Block



BTWM 2.5CT
pg. G18

Presentation

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 terminal block models 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 Two Versions

Screw and spring type connection system.

Screw connection



Spring connection



Wide Range of Accessories

Connecting bridges, identifiers, DIN rail, end plate and end bracket.

Connecting bridges



Identifiers



DIN rail



End plate

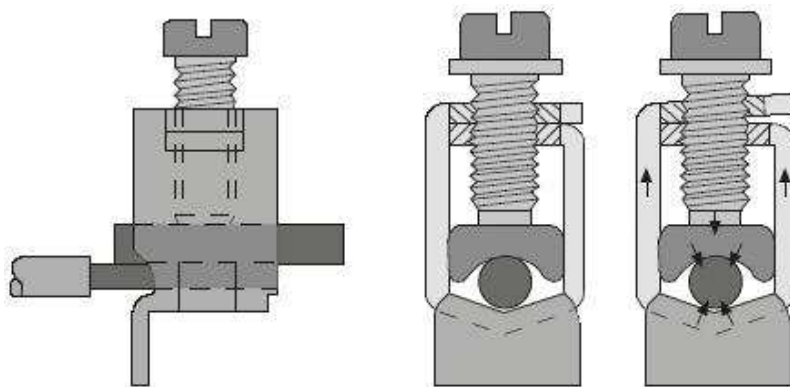


End brackets



BTWP Series

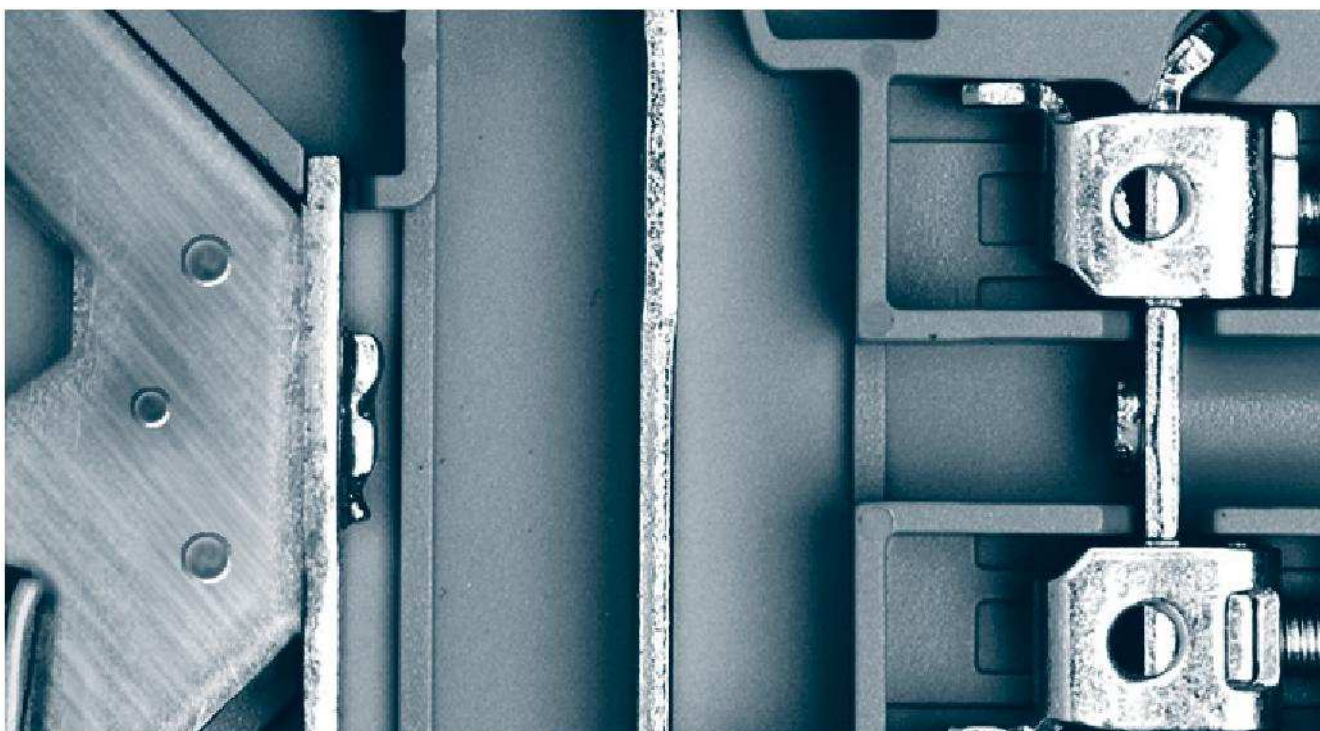
The BTWP series terminal blocks use a screw type connection technique which is the most popular among all known connections. It is simple to use: remove the isolation from the conductor, insert the conductor into the terminal block and tighten the screw with a properly screwdriver. The length of the 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.

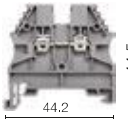
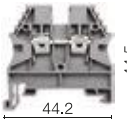
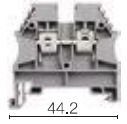
Main Features of the BTWP Series Terminal Blocks

- Terminal block body in PA66 polyamide, with excellent dielectric properties and high mechanical resistance
- Internal conductor element with high current conduction capacity
- Inlet tapered type cable for easy insertion
- Built in protection against loosening



Selection Guide

BTWP Series - Terminal Blocks with Screw Connection Terminals

   							
Technical data		Voltage / Current / Cross section		Voltage / Current / Cross section		Voltage / Current / Cross section	
IEC 60947-7-1		750 V~ / 24 A / 2.5 mm ²		750 V~ / 32 A / 4 mm ²		630 V~ / 41 A / 6 mm ²	
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 / 3.54 lb - in		0.5 Nm / 4.42 lb - in		0.8 Nm / 7.08 lb - in	
Connection capacity		Connection capacity		Connection capacity		Connection capacity	
Rigid wire		0.5 ... 4 mm ²		0.5 ... 6 mm ²		0.5 ... 10 mm ²	
Flexible cable		1.5 ... 2.5 mm ²		1.5 ... 4 mm ²		1.5 ... 6 mm ²	
AWG conductor		26 ... 12		26 ... 10		26 ... 8	
Reference code	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
6.6 polyamide	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
End plate/ Sep. board	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
	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
Separating 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	Nº. of 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.
	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
Din rail / Support	Type	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
	Flat	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.
		IDG10/5-BTW	44	IDG10/6-BTW	36	IDG10/6-BTW	36
		IDB5-BTW	50	IDG10/5-BTW	44	IDG10/5-BTW	44
		IDG6/5-BTW	40	IDB5-BTW	50	IDB5-BTW	50
		-		IDG6/5-BTW	40	IDG6/5-BTW	40

Notes: 1) For assembly on PF4-BTW end bracket;
2) Further details about identifiers on page G21.

BTWP Series - Terminal Blocks with Screw Connection Terminals

 									
Technical data		Voltage / Current / Cross section		Voltage / Current / Cross section		Voltage / Current / Cross section		Voltage / Current / Cross section	
IEC 60947-7-1		630 V~ / 57 A / 10 mm ²		750 V~ / 76 A / 16 mm ²		750 V~ / 125 A / 35 mm ²		750 V~ / 192 A / 70 mm ²	
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 / 10.62 lb - in		1.2 Nm / 10.62 lb - in		2.5 Nm / 122.12 lb - in		6 Nm / 53.10 lb - in	
Connection capacity		Connection capacity		Connection capacity		Connection capacity		Connection capacity	
Rigid wire		1.5 ... 16 mm ²		1.5 ... 16 mm ²		6 ... 16 mm ²		10 ... 16 mm ²	
Flexible cable		1.5 ... 10 mm ²		1.5 ... 16 mm ²		10 ... 35 mm ²		10 ... 70 mm ²	
AWG conductor		16 ... 6		12 ... 4		10 ... 2		6 ... 2/0	
Reference code	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
6.6 polyamide	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/ Separating board	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
1.5 mm width 	Grey	TF-BTWP 2.5-10	100	TF-BTWP 16	100	-	-	-	-
	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	-	-	-	-
	Grey	PD-BTWP 2.5-10	25	PD-BTWP 16	25	-	-	-	-
Separating board	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
	Grey	PS1-BTWP	100	-	-	-	-	-	-
Connecting bridge	Nº. of poles	Reference code	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.
	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
Din rail / Support	Type	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
	Flat	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-BTWw	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.
		IDG10/6-BTW	36	IDG10/6-BTW	36	IDG10/6-BTW	36	IDG10/6-BTW	36
		IDG10/5-BTW	44	IDG10/5-BTW	44	IDG10/5-BTW	44	IDG10/5-BTW	44
		IDB5-BTW	50	IDB5-BTW	50	IDB5-BTW	50	IDB5-BTW	50
		IDG6/5-BTW	40	IDG6/5-BTW	40	IDG6/5-BTW	40	IDG6/5-BTW	40

Notes: 1) For assembly on PF4-BTW and bracket;
2) Further information about identifiers on page G21.

BTWP Series - Power Terminal Blocks

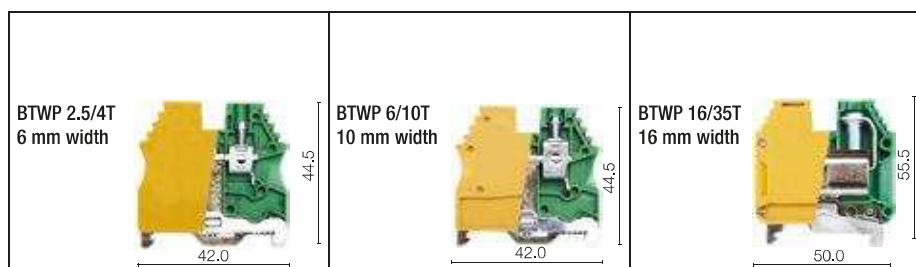


		BTWP 95B 40 mm width 		BTWP 150B 48 mm width 		BTWP 240B 53 mm width 	
Technical data		Voltage / Current / Cross section		Voltage / Current / Cross section		Voltage / Current / Cross section	
IEC 60947-7-1		1000 V~ / 232 A / 95 mm ²		1000 V~ / 309 A / 150 mm ²		1000 V~ / 415 A / 240 mm ²	
Screw		M10x30		M12x30		M16x35	
Tightening torque		6 Nm / 53.10 lb - in		8 Nm / 70.80 lb - in		10 Nm / 88.50 lb - in	
Reference code		Color		Reference code		Qty/Pack.	
-		Grey		BTWP 95B		4	
Isolation cover		Color		Reference code		Qty/Pack.	
		Grey		TI-BTWP 95		4	
Din rail / Support		Type		Reference code		Qty/Pack.	
DIN EN 50022		Flat		MR 35x7.5		2 m busbars	
		Support		ST-BTW		25	
Group identifier		Color		Reference code		Qty/Pack.	
		Grey		IG-BTW		50	
Identifier ¹⁾		Reference code		Qty/Pack.		Reference code	
		IDG10/6-BTW		36		IDG10/6-BTW	
		IDG10/5-BTW		44		IDG10/5-BTW	
		IDB5-BTW		50		IDB5-BTW	
		IDG6/5-BTW		40		IDG6/5-BTW	

Note: 1) Further details about identifiers on page G21.



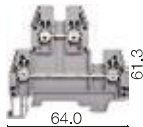
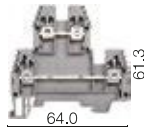
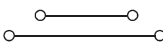
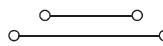
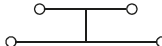
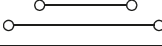
BTWP Series - Ground Terminal Blocks



Technical data		Cross section		Cross section		Cross section	
IEC 60947-7-1		4 mm ²		10 mm ²		35 mm ²	
UL / CSA		AWG 26 ... 10		AWG 16 ... 8		-	
Cable stripping		10 mm		12 mm		18 mm	
Tightening torque		0.5 Nm / 4.42 lb - in		1.2 Nm / 10.62 lb - in		2.5 Nm / 22.12 lb - in	
Connection capacity		Connection capacity		Connection capacity		Connection capacity	
Rigid wire		0.5 ... 6 mm ²		1.5 ... 16 mm ²		6 ... 16 mm ²	
Flexible cable		1.5 ... 4 mm ²		1.5 ... 10 mm ²		10 ... 35 mm ²	
AWG conductor		26 ... 10		16 ... 8		10 ... 2	
Reference code	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
6.6 polyamide	Green / Yellow	BTWP 2.5/4T	50	BTWP 6/10T	25	BTWP 16/35T	25
Din rail / Support	Type	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
DIN EN 50022	Flat	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
Identifier ¹⁾		Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
		IDG10/6-BTW	36	IDG10/6-BTW	36	IDG10/6-BTW	36
		IDG10/5-BTW	44	IDG10/5-BTW	44	IDG10/5-BTW	44
		IDB5-BTW	50	IDB5-BTW	50	IDB5-BTW	50
		IDG6/5-BTW	40	IDG6/5-BTW	40	IDG6/5-BTW	40

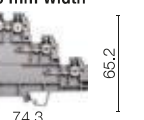
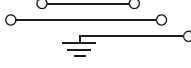
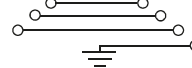
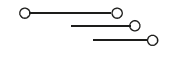
Note: 1) Further details about identifiers on page G21.

BTWP / BTWT Series - Double Terminal Blocks and Triple Terminal Blocks

 CCC+ULus		 BTWD 2.5N 5 mm width		 BTWD 4N 6 mm width		 BTWD 4NK 6 mm width		 BTWT 3 6 mm width			
 Technical data		 Voltage / Current / Cross section		 Voltage / Current /Cross section		 Voltage / Current / Cross section					
		IEC 60947-7-1		UL / CSA		Cable stripping		Tightening torque			
Connection capacity		Connection capacity		Connection capacity		Connection capacity		Connection capacity			
Rigid wire		Flexible cable		AWG conductor		Reference code		Color			
Reference code		Color		Reference code		Color		Reference code		Color	
End plate		Color		Reference code		Color		Reference code		Color	
1.5 mm width		Grey		TF-BTWD 2.5-4N		TF-BTWD 2.5-4N		TF-BTWD 2.5-4N		TF-BTWT 3	
Separating plate		Color		Reference code		Reference code		Reference code		Reference code	
		Grey		-		-		-		PS1-BTWP	
Connecting bridge		N°. of poles		Reference code		Reference code		Reference code		Reference code	
		2		PC-BTWP 2.5/2		PC-BTWP 4/2		PC-BTWP 2.5/2		PC-BTWT 2.5/2	
		3		PC-BTWP 2.5/3		PC-BTWP 4/3		PC-BTWP 2.5/3		PC-BTWT 2.5/3	
		4		PC-BTWP 2.5/4		PC-BTWP 4/4		PC-BTWP 2.5/4		PC-BTWT 2.5/4	
		10		PC-BTWP 2.5/10		PC-BTWP 4/10		PC-BTWP 2.5/10		PC-BTWT 2.5/10	
End bracket		Color		Reference code		Reference code		Reference code		Reference code	
		Grey		PF3-BTW		PF3-BTW		PF3-BTW		PF3-BTW	
		Grey		PF4-BTW		PF4-BTW		PF4-BTW		PF4-BTW	
Din rail / Support		Type		Reference code		Reference code		Reference code		Reference code	
		Flat		MR 35x7.5		MR 35x7.5		MR 35x7.5		MR 35x7.5	
		Support		ST-BTW		ST-BTW		ST-BTW		ST-BTW	
Identifier group		Color		Reference code		Reference code		Reference code		Reference code	
		Grey		IG-BTW		IG-BTW		IG-BTW		IG-BTW	
		Clear		IG22-BTW ¹⁾		IG22-BTW ¹⁾		IG22-BTW ⁽¹⁾		IG22-BTW ¹⁾	
Identifier ²⁾				Reference code		Reference code		Reference code		Reference code	
		IDG10/5-BTW		44		IDG10/6-BTW		36		IDG10/6-BTW	
		IDB5-BTW		50		IDG10/5-BTW		44		IDG10/5-BTW	
		IDG6/5-BTW		40		IDB5-BTW		50		IDB5-BTW	
		-				IDG6/5-BTW		40		IDG6/5-BTW	

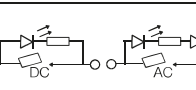
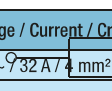
Notes: 1) For assembly on PF4-BTW end bracket;
2) Further information about identifiers on page G21.

BTWP / BTWS Series - Double Terminal Block + Ground - Triple Terminal Block + Ground - Terminal Block for Detectors - Disconnect Terminal

		BTWT 2T 6 mm width 		BTWT 3T 6 mm width 		BTWT 3S 6 mm width 		BTWS 3A 6 mm width 	
Technical data									
		Voltage / Current / Cross Section		Voltage / Current / Cross Section		Voltage / Current / Cross Section		Voltage / Current / Cross Section	
IEC 60947-7-1		440 V~ / 24 A / 2.5 mm ²		440 V~ / 24 A / 2.5 mm ²		500 V~ / 24 A / 2.5 mm ²		500 V~ / 16 A / 4 mm ²	
UL / CSA		300 V~ / 24 A / AWG 24 ... 12		300 V~ / 24 A / AWG 24 ... 12		-		600 V~ / 16 A / AWG 26...10	
Cable stripping		9 mm		9 mm		9 mm		10 mm	
Tightening torque		0.4 Nm / 13.54 lb - in		0.4 Nm / 13.54 lb - in		0.4 Nm / 13.54 lb - in		0.5 Nm / 4.42 lb - in	
Connection capacity		Connection capacity		Connection capacity		Connection capacity		Connection capacity	
Rigid wire		0.5 ... 4 mm ²		0.5 ... 4 mm ²		0.5 ... 4 mm ²		0.5 ... 6 mm ²	
Flexible cable		1.5 ... 2.5 mm ²		1.5 ... 2.5 mm ²		1.5 ... 2.5 mm ²		1.5 ... 4 mm ²	
AWG conductor		24 ... 12		24 ... 12		24 ... 12		26 ... 10	
Reference code	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
-	Grey	BTWT 2T	25	BTWT 3T	25	BTWT 3S	20	BTWS 3A	20
End plate / Separating board	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
1.5 mm width 	Grey	TF-BTWT 2T	10	TF-BTWT 3T	10	TF-BTWT 3S	10	TF-BTWS 3	10
Separating plate	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
	Grey	PS1-BTWP	100	PS1-BTWP	100	PS1-BTWP	100	-	
Conncting bridge	N° of Poles	Reference code	Qty/Pack.	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.	Reference code	Qty/Pack.
8 mm width 	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
Rail / Support	Type	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
	Flat	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
Identifier group	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	50		IDB5-BTW	50	IDB5-BTW	50	IDG10/6-BTW	36
								IDG10/5-BTW	44
								IDB5-BTW	50
								IDG6/5-BTW	40

Notes: 1) For assembly on PF4-BTW end bracket;
2) Further information about identifiers on page G21.

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

   		BTWS 2S 8 mm width 		BTWS 4S 10 mm width 		BTWS 2LD 10 mm width 		BTWP 4C 6 mm width 	
									
Technical data		Voltage / Current / Cross section		Voltage / Current / Cross section		Voltage / Current / Cross section		Voltage / Current / Cross section	
		IEC 60947-7-1		IEC 60947-7-1		IEC 60947-7-1		IEC 60947-7-1	
UL / CSA		300 V~ / 6.3 A / AWG 26 ... 8		600 V~ / 6.3 A / AWG 22 ... 8		V~ / 6.3 A / AWG 26 ... 8		-	
Fuse dimensions		5x20 ou 5x25 mm		6.35x31.75 mm (1/4"x1 1/4")		5x20 ou 5x25 mm		-	
Cable stripping		12 mm		12 mm		12 mm		10 mm	
Tightening torque		0.8 Nm / 7.08 lb - in		0.8 Nm / 7.08 lb - in		0.8 Nm		0.5 Nm / 4.42 lb - in	
Connection capacity		Connection capacity		Connection capacity		Connection capacity		Connection capacity	
Rigid wire		0.5 ... 10 mm ²		0.5 ... 10 mm ²		0.5 ... 10 mm ²		0.5 ... 6 mm ²	
Flexible cable		1.5 ... 6 mm ²		1.5 ... 6 mm ²		1.5 ... 6 mm ²		1.5 ... 4 mm ²	
AWG conductor		26 ... 8		22 ... 8		26 ... 8		26 ... 10	
Reference code		Reference code Qty/Pack.		Reference code Qty/Pack.		Reference code Qty/Pack.		Reference code Qty/Pack.	
-		BTWS 2S 50		BTWS 4S 20 Note! Accepts reserve fuse disconnect lever.		BTWS 2LD C03 - 24 V dc 25 BTWS 2LD D13 - 110 V ac 25 BTWS 2LD D23 - 220 V ac 25		BTWP 4C 50	
End plate		Reference code Qty/Pack.		Reference code Qty/Pack.		Reference code Qty/Pack.		Reference code Qty/Pack.	
1.5 mm width 		Grey TF-BTWS 2 10		Supplied with end plate as standard		TF-BTWS 2 10		TF-BTWP 4C 10	
End bracket		Reference code Qty/Pack.		Reference code Qty/Pack.		Reference code Qty/Pack.		Reference code Qty/Pack.	
8 mm width 		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	
Rail / Support		Reference code Qty/Pack.		Reference code Qty/Pack.		Reference code Qty/Pack.		Reference code Qty/Pack.	
DIN EN 50022 		Flat 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		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 50		IDG10/6-BTW 36 IDG10/5-BTW 44 IDB5-BTW 50 IDG6/5-BTW 40		IDG10/6-BTW 36 IDG10/5-BTW 44 IDB5-BTW 50 IDG6/5-BTW 40		IDG10/6-BTW 36 IDG10/5-BTW 44 IDB5-BTW 50 IDG6/5-BTW 40	

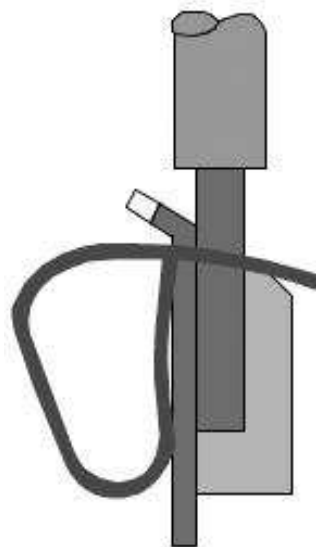
Notes: 1) For assembly on PF4-BTW end bracket;
2) Further details about identifiers on page G21.

BTWM Series

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 the BTWM Series Terminal Blocks

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



BTWM Series - Spring Clamp Terminals

  		BTWM 2.5 5 mm width 		BTWM 4 6 mm width 		BTWM 6 8 mm width 		BTWM 10 10 mm width 	
Technical data		Voltage / Current / Cross section		Voltage / Current / Cross section		Voltage / Current / Cross section		Voltage / Current / Cross section	
IEC 60947-7-1		750 V~ / 24 A / 2.5 mm ²		750 V~ / 32 A / 4 mm ²		750 V~ / 41 A / 6 mm ²		750 V~ / 57 A / 10 mm ²	
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		Connection capacity		Connection capacity		Connection capacity		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	
Reference code	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
6.6 polyamide	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
End plate	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
1.2 mm width 	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
Connecting bridge	Nº. of 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	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack..	Reference code	Qty/Pack.
8 mm width 	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
Rail / Support	Type	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
Din EN 50022 	Flat	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.
		IDG10/5-BTW	44	IDG10/6-BTW	36	IDG10/6-BTW	36	IDG10/6-BTW	36
		IDB5-BTW	50	IDG10/5-BTW	44	IDG10/5-BTW	44	IDG10/5-BTW	44
		IDG6/5-BTW	40	IDB5-BTW	50	IDB5-BTW	50	IDB5-BTW	50
		-		IDG6/5-BTW	40	IDG6/5-BTW	40	IDG6/5-BTW	40

Notes: 1) For assembly on PF4-BTW end bracket;
2) Further details about identifiers on page G21.

BTWM Series - Ground Terminal Blocks

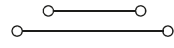
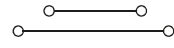
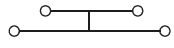
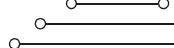


		BTWM 2.5T 5 mm width		BTWM 4T 6 mm width		BTWM 6T 8 mm width		BTWM 10T 10 mm width	
									
		51.0		55.0		64.0		70.0	
		35.5		37.0		38.5		43.0	
Technical data		Cross section		Cross section		Cross section		Cross section	
IEC 60947-7-1		2.5 mm ²		4 mm ²		6 mm ²		10 mm ²	
UL / CSA		AWG 22 ... 12		AWG 22 ... 10		AWG 22 ... 8		AWG 20 ... 6	
Cable stripping		10 mm		12 mm		12 mm		13 mm	
Connection capacity		Connection capacity		Connection capacity		Connection capacity		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	
Reference code	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
-	Green	BTWM 2.5T	50	BTWM 4T	50	BTWM 6T	40	BTWM 10T	30
End plate	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
1.2 mm width 	Green	TF-BTWM 2.5 (VD)	10	TF-BTWM 4 (VD)	10	TF-BTWM 6 (VD)	10	TF-BTWM 10 (VD)	10
End bracket	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
8 mm width 	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
Din Rail / Support	Type	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
DIN EN 50022 	Flat	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.
		IDG10/5-BTW	44	IDG10/6-BTW	36	IDG10/6-BTW	36	IDG10/6-BTW	36
		IDB5-BTW	50	IDG10/5-BTW	44	IDG10/5-BTW	44	IDG10/5-BTW	44
		IDG6/5-BTW	40	IDB5-BTW	50	IDB5-BTW	50	IDB5-BTW	50
		-		IDG6/5-BTW	40	IDG6/5-BTW	40	IDG6/5-BTW	40

Notes: 1) For assembly on PF4-BTW end bracket;
2) Further details about identifiers on page G21.

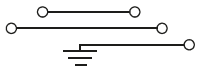
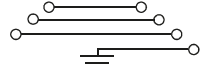
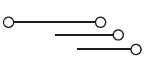


BTWM Series - Double Terminal Blocks - Triple Terminal Blocks

 GOST R-Product  		BTWM 2.5-2F 5 mm width  83.7 64.8	BTWM 4-2F 6 mm width  90.3 55.5	BTWM 4-2FK 6 mm width  90.3 55.5	BTWM 2.5-3F 5 mm width  100.0 75.0	
Technical data						
		Voltage / Current /Cross section	Voltage / Current / Cross section	Voltage / Current / Cross section	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~ / 26 A / AWG 22 ... 12	600 V~ / 20 A / AWG 22 ... 12	
Cable stripping		10 mm	12 mm	10 mm	10 mm	
Connection capacity		Connection capacity	Connection capacity	Connection capacity	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	
Reference code	Color	Reference code Qty/Pack.	Reference code Qty/Pack.	Reference code Qty/Pack.	Reference code Qty/Pack.	
6.6 polyamide	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 width		Grey	TF-BTWM 2.5-2F 50	TF-BTWM 4-2F 25	TF-BTWM 4-2F 50	TF-BTWM 2.5-3F 10
Connecting bridge			Nº. of poles	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	Color	Reference code Qty/Pack.	Reference code Qty/Pack.	Reference code Qty/Pack.	Reference code Qty/Pack.	
8 mm width		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
Rail / Support	Type	Reference code Qty/Pack.	Reference code Qty/Pack.	Reference code Qty/Pack.	Reference code Qty/Pack.	
	Flat	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	
Identifier group	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 50	IDG10/6-BTW 36	IDG10/6-BTW 36	IDB5-BTW 50		
		IDG10/5-BTW 44	IDG10/5-BTW 44			
		IDB5-BTW 50	IDB5-BTW 50			
		IDG6/5-BTW 40	IDG6/5-BTW 40			

Notes: 1) For assembly on PF4-BTW end bracket;
2) Further details about identifiers on page G21.

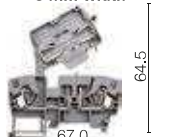
BTWM Series - Double Terminal Block + Ground - Triple Terminal Block + Ground - Terminal Block for Detectors

 		BTWM 2.5-2FT 5 mm width 		BTWM 2.5-3FT 5 mm width 		BTWM 3S 5 mm width 	
Technical data							
		Voltage / Current / Cross section		Voltage / Current / Cross section		Voltage / Current / Cross section	
IEC 60947-7-1		500 V~ / 24 A / 2.5 mm ²		500 V~ / 24 A / 2.5 mm ²		500 V~ / 24 A / 2.5 mm ²	
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		Connection capacity		Connection capacity		Connection capacity	
Rigid wire		0.5 ... 4 mm ²		0.5 ... 4 mm ²		0.5 ... 4 mm ²	
Flexible cable		0.5 ... 2.5 mm ²		0.5 ... 2.5 mm ²		0.5 ... 2.5 mm ²	
AWG conductor		22 ... 12		22 ... 12		22 ... 12	
Reference code	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
-	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 width 	Grey	TF-BTWM 2.5-2FT	10	TF-BTWM 2.5-3FT	10	TF-BTWM 3S	10
Connecting bridge	Nº. of 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 width 	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
Din rail / Support	Type	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
DIN EN 50022 	Flat	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	50	IDB5-BTW	50	IDB5-BTW	50

Notes: 1) For assembly on PF4-BTW end bracket;
2) Further details about identifiers on page G21.

BTWM Series - Disconnect Terminal - Terminal Blocks for Fuses



							
Technical data		Voltage / Current / Cross section		Voltage / Current / Cross section		Voltage / Current / Cross section	
IEC 60947-7-1		750 V~ / 16 A / 2.5 mm ²		500 V~ / 10 A / 4 mm ²		750 V~ / 30 A / 4 mm ²	
UL / CSA		600 V~ / 10 A / AWG 22 ... 12		600 V~ / 10 A / AWG 22 ... 10		600 V~ / 26 A / AWG 22 ... 12	
Fuse dimensions		-		5x20 or 5x25 mm		5x20 or 5x25 mm	
Cable stripping		10 mm		12 mm		10 mm	
Connection capacity		Connection capacity		Connection capacity		Connection capacity	
Rigid wire		0.5 ... 4 mm ²		0.5 ... 6 mm ²		0.5 ... 6 mm ²	
Flexible cable		0.5 ... 2.5 mm ²		0.5 ... 4 mm ²		0.5 ... 4 mm ²	
AWG conductor		22 ... 12		22 ... 10		22 ... 10	
Reference code	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
-	Grey	BTWM 2.5A	50	BTWM S	20	BTWM S	20
	-	-	-	Note! Reserve fuse housed in disconnect lever.	-	BTWM SLD C03 - 24 V dc BTWM SLD D13 - 110 V ac BTWM SLD D23 - 220 V ac	Note! Reserve fuse housed in disconnect lever.
End plate	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
1.5 mm width	Grey	TF-BTWM 2.5A	10	TF-BTWM S-I	10	TF-BTWM S-I	50
Connecting bridge	Nº. of Poles	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
	3	PC-BTWM 2.5/3	20	PC-BTWM 6/3	20	PC-BTWM 4/3	20
	4	PC-BTWM 2.5/4	15	PC-BTWM 6/4	15	PC-BTWM 4/4	15
	10	PC-BTWM 2.5/10	5	PC-BTWM 6/10	5	PC-BTWM 4/10	5
End bracket	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
8 mm width	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
Din rail / Suppot	Type	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
DIN EN 50022	Flat	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.
		IDG10/5-BTW	44	IDB5-BTW	50	IDG10/6-BTW	36
		IDB5-BTW	50	-	-	IDG10/5-BTW	44
		IDG6/5-BTW	40	-	-	IDB5-BTW	50
		-	-	-	-	IDG6/5-BTW	40

Notes: 1) For assembly on PF4-BTW end bracket;
2) Further details about identifiers on page G21.

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



		BTWM 2.5E 5 mm width		BTWM 2.5C 5 mm width		BTWM 2.5CT 5 mm width	
							
		66.6		81.4		81.4	
		35.5		35.5		35.5	
Technical data		Voltage / Current / Cross section		Voltage / Current / Cross section		Cross section	
IEC 60947-7-1		750 V~ / 24 A / 2,5 mm ²		750 V~ / 24 A / 2,5 mm ²		2,5 mm ²	
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		Connection capacity		Connection capacity		Connection capacity	
Rigid wire		0.5 ... 4 mm ²		0.5 ... 4 mm ²		0.5 ... 4 mm ²	
Flexible cable		0.5 ... 2.5 mm ²		0.5 ... 2.5 mm ²		0.5 ... 2.5 mm ²	
AWG conductor		22 ... 12		22 ... 12		22 ... 12	
Reference code	Color	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
-	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 width 	Grey	TF-BTWM 2.5E	10	TF-BTWM 2.5C	10	-	-
	Green	-	-	-	-	TF-BTWM 2.5CT	10
Connecting bridge	Nº. of 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 width 	Grey	PF3-BTW	100	PF3-BTW	100	PF3-BTW	100
	Grey	PF4-BTW	100	PF4-BTW	100	PF4-BTW	100
Rail / Support	Type	Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
DIN EN 50022 	Flat	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.
		IDG10/5-BTW	44	IDG10/5-BTW	44	IDG10/5-BTW	44
		IDB5-BTW	50	IDB5-BTW	50	IDB5-BTW	50
		IDG6/5-BTW	40	IDG6/5-BTW	40	IDG6/5-BTW	40

Notes: 1) For assembly on PF4-BTW end bracket;
2) Further details about identifiers on page G21.

Identifiers	IDB5	IDG6/5	IDG10/5	IDG10/6
				
Technical data	Technical data	Technical data	Technical data	Technical data
Identifier dimensions (height x width)	5 x 5 mm	6 x 5 mm	10 x 5 mm	10 x 6 mm
Identifier color	White	White	White	White
Marking color	Black	Black	Black	Black
Number of identifiers per packaging	50	40	44	36
Marking	Reference code	Reference code	Reference code	Reference code
Without marking	IDB5-BTW	IDB6/5-BTW	IDB10/5-BTW	IDB10/6-BTW
0	IDB5-BTW (0)	IDB6/5-BTW (0)	IDB10/5-BTW (0)	IDB10/6-BTW (0)
1	IDB5-BTW (1)	IDB6/5-BTW (1)	IDB10/5-BTW (1)	IDB10/6-BTW (1)
2	IDB5-BTW (2)	IDB6/5-BTW (2)	IDB10/5-BTW (2)	IDB10/6-BTW (2)
3	IDB5-BTW (3)	IDB6/5-BTW (3)	IDB10/5-BTW (3)	IDB10/6-BTW (3)
4	IDB5-BTW (4)	IDB6/5-BTW (4)	IDB10/5-BTW (4)	IDB10/6-BTW (4)
5	IDB5-BTW (5)	IDB6/5-BTW (5)	IDB10/5-BTW (5)	IDB10/6-BTW (5)
6	IDB5-BTW (6)	IDB6/5-BTW (6)	IDB10/5-BTW (6)	IDB10/6-BTW (6)
7	IDB5-BTW (7)	IDB6/5-BTW (7)	IDB10/5-BTW (7)	IDB10/6-BTW (7)
8	IDB5-BTW (8)	IDB6/5-BTW (8)	IDB10/5-BTW (8)	IDB10/6-BTW (8)
9	IDB5-BTW (9)	IDB6/5-BTW (9)	IDB10/5-BTW (9)	IDB10/6-BTW (9)
10	IDB5-BTW (10)	IDB6/5-BTW (10)	IDB10/5-BTW (10)	IDB10/6-BTW (10)
1, 2, 3 ... 8, 9, 10	IDB5-BTW (1-10)	IDB6/5-BTW (1-10)	-	-
11, 12, 13 ... 18, 19, 20	IDB5-BTW (11-20)	IDB6/5-BTW (11-20)	-	-
21, 22, 23 ... 28, 29, 30	IDB5-BTW (21-30)	IDB6/5-BTW (21-30)	-	-
31, 32, 33 ... 38, 39, 40	IDB5-BTW (31-40)	IDB6/5-BTW (31-40)	-	-
41, 42, 43 ... 48, 49, 50	IDB5-BTW (41-50)	IDB6/5-BTW (41-50)	-	-
1, 2, 3 ... 20, 21, 22	-	-	IDB10/5-BTW (1-22)	-
23, 24, 25 ... 42, 43, 44	-	-	IDB10/5-BTW (23-44)	-
1, 2, 3 ... 16, 17, 18	-	-	-	IDB10/6-BTW (1-18)
19, 20, 21 ... 34, 35, 36	-	-	-	IDB10/6-BTW (19-36)
1, 2, 3 ... 48, 49, 50	IDB5-BTW (1-50)	-	-	-
51, 52, 53 ... 98, 99, 100	IDB5-BTW (51-100)	-	-	-
1, 2, 3 ... 38, 39, 40	-	IDB6/5-BTW (1-40)	-	-
41, 42, 43 ... 78, 79, 80	-	IDB6/5-BTW (41-80)	-	-
81, 82, 83 ... 118, 119, 120	-	IDB6/5-BTW (81-120)	-	-
1, 2, 3 ... 42, 43, 44	-	-	IDB10/5-BTW (1-44)	-
45, 46, 47 ... 86, 87, 88	-	-	IDB10/5-BTW (45-88)	-
89, 90, 91 ... 130, 131, 132	-	-	IDB10/5-BTW (89-132)	-
1, 2, 3 ... 34, 35, 36	-	-	-	IDB10/6-BTW (1-36)
37, 38, 39 ... 70, 71, 72	-	-	-	IDB10/6-BTW (37-72)
73, 74, 75 ... 106, 107, 108	-	-	-	IDB10/6-BTW (73-108)

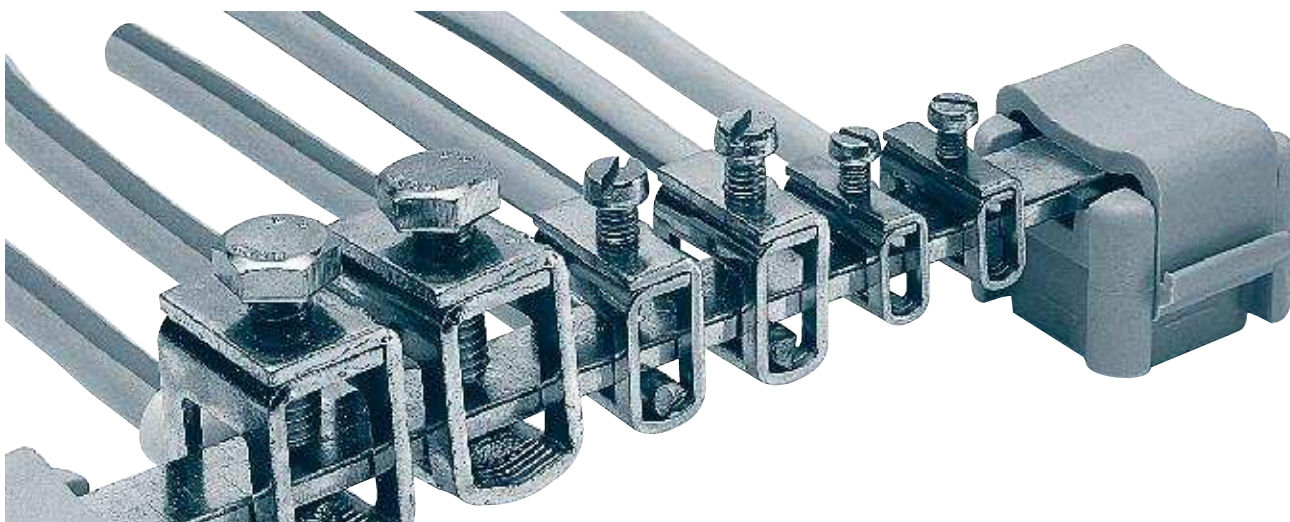
Notes: The identifiers are supplied in specific packaging and quantity for each type.
Check the quantities on the chart above.
Custom markings on request.

CB Series Busbar connectors		CB4		CB10		CB35	
Technical data		Technical data		Technical data		Technical data	
Cross section		4 mm ²		10 mm ²		35 mm ²	
Screw		M3		M4		M6	
Busbar dimensions		10 x 3 mm		10 x 3 mm		10 x 3 mm	
Cable stripping		16 mm		19 mm		19 mm	
Tightening torque		0.5 Nm / 4.42 lb - in		1.2 Nm / 10.62 lb - in		2.8 Nm / 24.78 lb - in	
Connection capacity		Connection capacity		Connection capacity		Connection capacity	
Rigid wire		0.5 ... 6 mm ²		1.5 ... 10 mm ²		16 ... 50 mm ²	
Flexible cable		0.5 ... 4 mm ²		2.5 ... 10 mm ²		16 ... 35 mm ²	
Reference code	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
Copper busbar 10 x 3 mm		Reference code	Qty/Pack	Reference code	Qty/Pack	Reference code	Qty/Pack
Tin plated		BR10x3	1 m width	BR10x3	1 m width	BR10x3	1 m width
Identifier ²⁾		Reference code	Qty/Pack.	Reference code	Qty/Pack.	Reference code	Qty/Pack.
		IDB5-BTW	50	IDB5-BTW	50	IDB5-BTW	50

Notes: 1) Also fits busbars of 15x2 mm, 15x3 mm, 12x2 mm and 6x6 mm;

2) For further information on the identifiers on page G21;

3) Pictures for illustration purposes only.



PWA3 and PWA4 Printing System

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 a few clicks, making recording a simple operation.



Included Items on PWA3 Plotter

- Two support trays for terminal block identifier IDG-BTW / IDB5-BTW
- Two 0.25 mm plotter pens C025-PW
- Five replacement inks for plotter pen (5 x 1 ml) CT-PW
- One permanent 0.30 mm pen (test) CP030-PW
- One 30 ml replacement ink RT-PW
- One cleaning kit KL-PW
- One protection plotter cover CP-PW
- One plate set for pen cleaning with 25 pieces

Included Items on PWA4 Plotter

- Two support trays for terminal block identifier IDG-BTW / IDB5-BTW
- Two 0.25 mm plotter pens C025-PW
- One plate set for pen cleaning with 25 pieces

Accessories for Plotting System

WEG has a complete series of replacements for PWA3 and PWA4 plotting systems.

- 30 ml plotter ink replacement - RT-PW
- 5 x 1 ml plotter ink replacement - CT-PW
- 0.18 mm rechargeable plotter pen - C018-PW
- 0.25 mm rechargeable plotter pen - C025-PW
- 0.35 mm rechargeable plotter pen - C035-PW
- 0.50 mm rechargeable plotter pen - C050-PW
- 0.70 mm rechargeable plotter pen - C070-PW
- 1.00 mm rechargeable plotter pen - C100-PW
- 0.18 mm disposable plotter pen - C018-PD
- 0.25 mm disposable plotter pen - C025-PD
- 0.35 mm disposable plotter pen - C035-PD
- 0.50 mm disposable plotter pen - C050-PD
- 0.70 mm disposable plotter pen - C070-PD
- 1.00 mm disposable plotter pen - C100-PD
- 0.30 mm permanent mm pen (test) - CP030-PW
- Cleaning kit - KL-PW
- Plotting tray for IDB5 identifiers - IDB5-PW
- Plotting tray for IDG identifiers - IDG-PW
- Plotting tray for plates - KLM-PW

KIP/KBEP Identifier Sets for Conductors

The clear identification of cables and conductors contributes much for a better visualization and maintenance in panels and installations. The identification of conductors is permanent and of high quality.

We supply the following items for the identification of conductors, each set contains 20 identifiers:

- 15 x 4 mm identification set for conductors - KIP 15W



KIP 15W

- 23 x 4 mm identification set for conductors - KIP 23W



KIP 23W

- 30 x 4 mm identification set for conductors - KIP 30W



KIP 30W

- 20 x 9 mm identification set for conductors - KBEP 209W



KBEP 209W

KKS/KBEP 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.



Available references

Cover reference	Cable diameter	Identification set	Identification size	Standard package (PCS)
KKS 15/1.5-2.5	1.5-2.5 mm ²	KIP 15W	15x4 mm	500
KKS 15/2.5-4	2.5-4 mm ²	KIP 15W		
KKS 15/6-10	6-10 mm ²	KIP 15W		
KKS 15/16-25	16-25 mm ²	KIP 15W		
KKS 23/1.5-2.5	1.5-2.5 mm ²	KIP 23W	23x4 mm	500
KKS 23/2.5-4	2.5-4 mm ²	KIP 23W		
KKS 23/6-10	6-10 mm ²	KIP 23W		
KKS 23/16-25	16-25 mm ²	KIP 23W		
KKS 30/1.5-2.5	1.5-2.5 mm ²	KIP 30W	30x4 mm	500
KKS 30/2.5-4	2.5-4 mm ²	KIP 30W		
KKS 30/6-10	6-10 mm ²	KIP 30W		
KKS 30/16-25	16-25 mm ²	KIP 30W		
KBE-3	> 25 mm ²	KBEP 209 W	20x9 mm	500



KLM Self-Adhesive Plates

The identification of electric components and control panels is a requirement for a fast and objective work. WEG offers excellent self-adhesive plates in several sizes. This type of identification is economical and has the characteristic of being very resistant. Nowadays WEG provides five distinct sizes of self-adhesive plates, according to the information below:



- Self-adhesive plates kit with 120 plates of 27x12.5 mm. KLM 27X12.5



KLM 27X12.5

- Self-adhesive plates kit with 80 plates of 45x14 mm. KLM 45X14



KLM 45X14

- Self-adhesive plates kit with 80 plates of 27x18 mm. KLM 27X18



KLM 27X18

- Self-adhesive plates kit with 20 plates of 70x35 mm. KLM 70X35



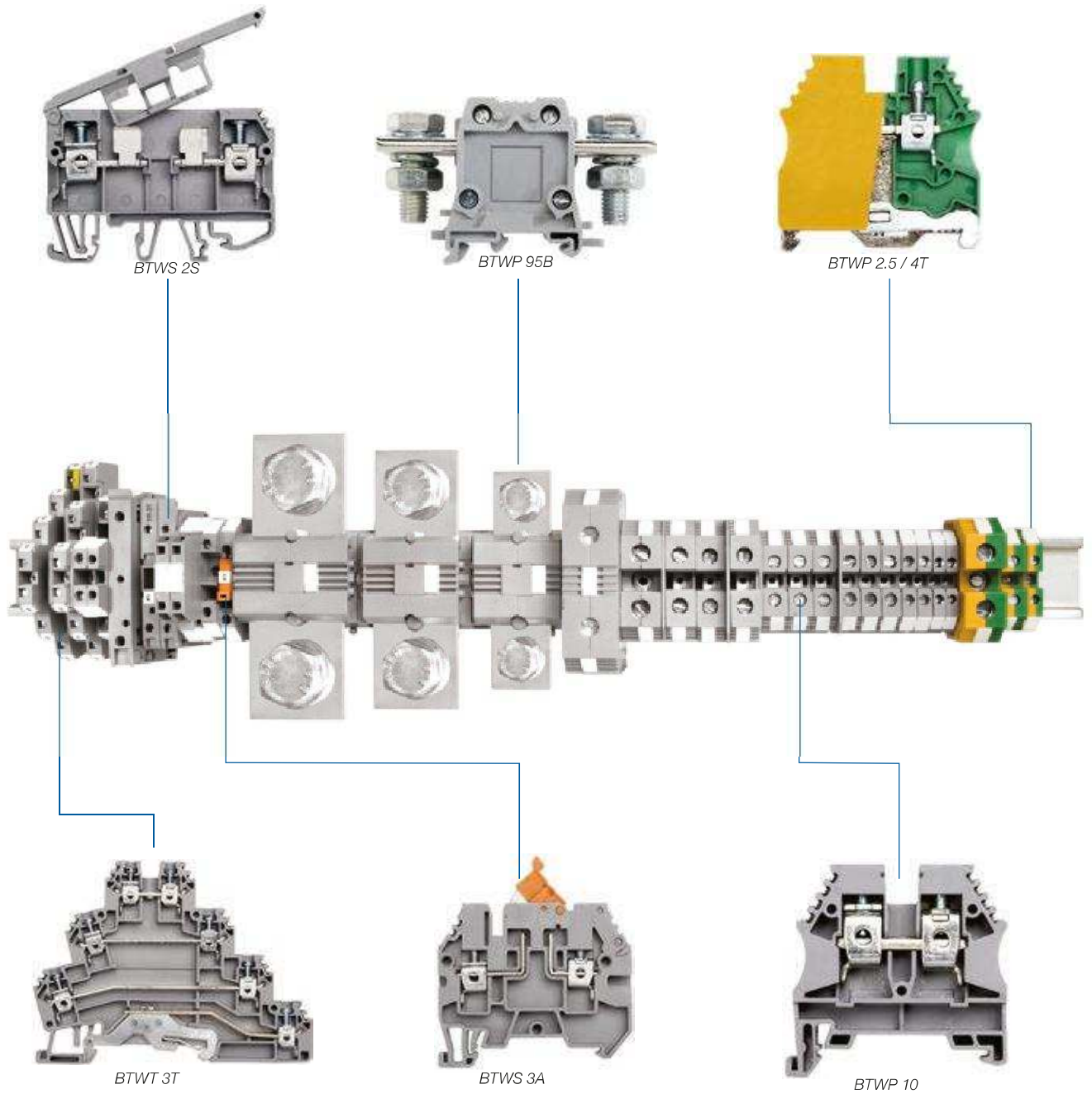
KLM 70X35

- Self-adhesive plates kit with 10 plates of 120x35 mm. KLM 120X35



KLM 120X35

Overview



Applications

Terminal blocks can be used on several applications in most industrial segments. The following examples stand out.

Starters / Control Panels



MCCs

