

TB100 double row terminal blocks

Ratings*

- 300 V
- 30 A
- Breakdown voltage: 3600 V

* Maximum rating shown; some options may be rated lower.

Agency information

- cULus file E62622; IEC Compliance; CE

Specifications

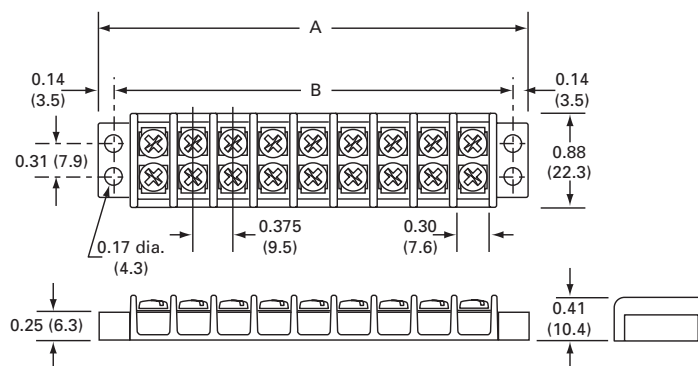
- Poles: 2 to 36
- Center spacing: 0.375" or 3/8" (10mm)
- Screw size: #6-32 phil-slot screws
- Wire range and torque rating:
 - 14 - 22 AWG Cu @ 9 in-lbs
 - 12 AWG Cu @ 15 in-lbs
- Distance between barriers: 0.30" (8mm)
- Mounting: #6 screws
- Operating temperature: -40°C to 130°C (-40°F to 266°F)

Materials

- Molded black thermoplastic base, UL rated 94V0
- Tin-plated brass terminals
- Zinc-plated steel screws



Dimensions — in



Poles	A	B	Poles	A	B	Poles	A	B
02	1.40	1.12	14	5.90	5.62	26	10.40	10.12
03	1.78	1.50	15	6.28	6.00	27	10.78	10.50
04	2.16	1.88	16	6.66	6.38	28	11.16	10.88
05	2.53	2.25	17	7.03	6.75	29	11.53	11.25
06	2.90	2.62	18	7.40	7.12	30	11.90	11.62
07	3.28	3.00	19	7.78	7.50	31	12.28	12.00
08	3.66	3.38	20	8.16	7.88	32	12.66	12.38
09	4.03	3.75	21	8.53	8.25	33	13.03	12.75
10	4.40	4.12	22	8.90	8.62	34	13.40	13.12
11	4.78	4.50	23	9.28	9.00	35	13.78	13.50
12	5.16	4.88	24	9.66	9.38	36	14.16	13.88
13	5.53	5.25	25	10.03	9.75			

1" = 25.4mm.

Catalog number build-a-code

Symbol	Poles	Screw options	Marking/cover	Hardware options
TB100	—			
	02 to 36	Blank = steel phil-slot, zinc-plated 00 = screws shipped bulk B = brass phil-slot, nickel-plated SP = steel SEMS phil-slot, zinc-plated	L1 to L6 Marking options, see page 10-16 Special markings†, see page 10-16	QC1 to QC20 = Quick-connects Custom options† J101 = flat slip-on jumper (2 position only) OJ2 = over barrier jumpers OJ4 = over barrier jumpers

† Contact factory for configuration.

Accessories

- Marker strips, see page 10-17
- Covers, see page 10-16

Screw options



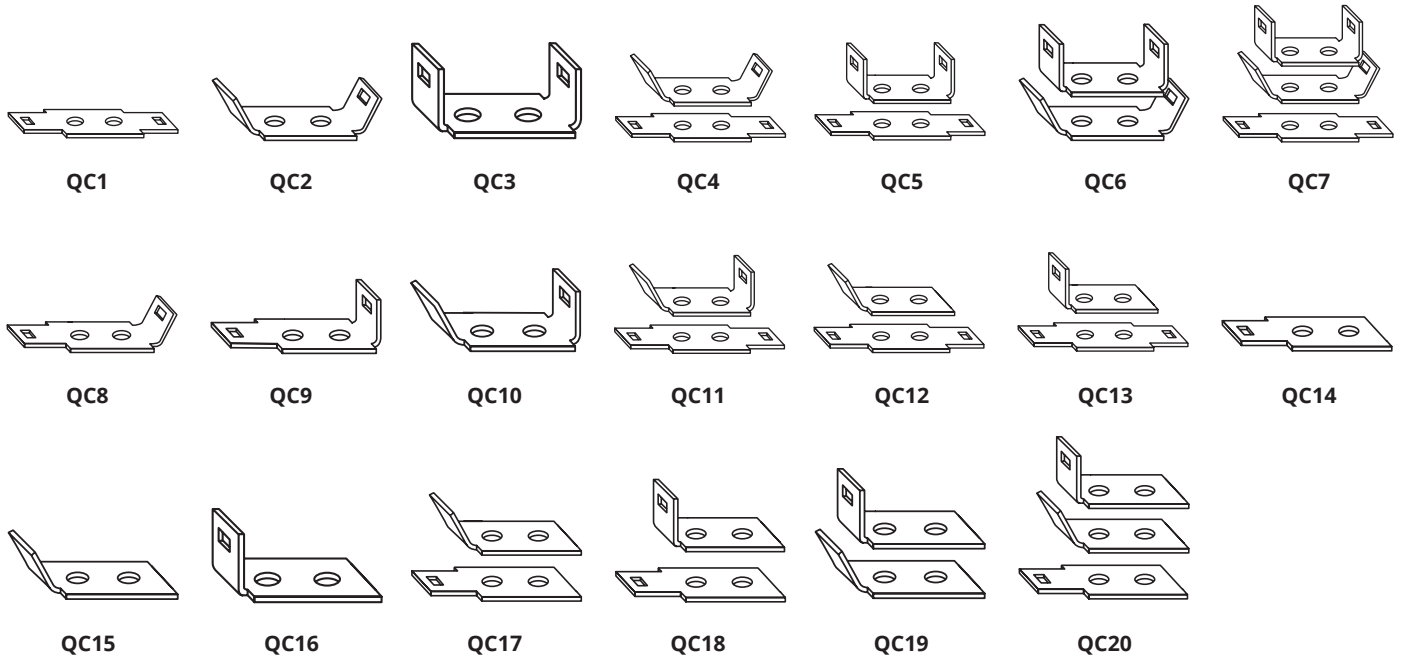
Brass phil-slot, nickel-plated
F502-J (bulk)



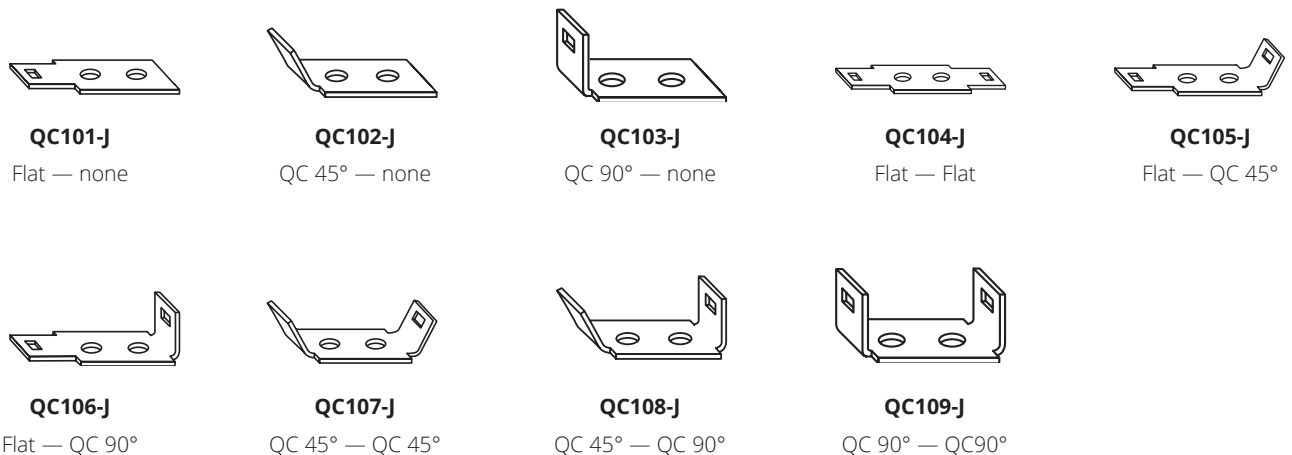
Steel SEMS phil-slot, zinc-plated
B001-7021-J (bulk)

Hardware options

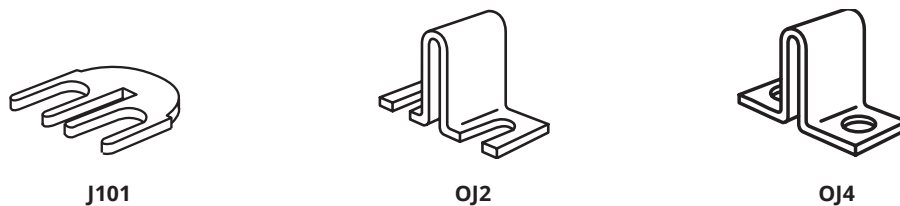
Quick-connects — assembled: 0.187" x 0.020" terminals, 13 amps maximum. For other orientations, contact factory.



Quick-connects — bulk: minimum order 100 pieces per catalog number.



Jumpers — bulk: minimum order 100 pieces per catalog number. Contact factory for jumper assembly.



J101
Flat slip-on (bulk: **J101-J**)

OJ2
Slip-on over barrier (bulk: **OJ2-J**)

OJ4
Closed over barrier (bulk: **OJ4-J**)

TB200 and TB200HB double row terminal blocks

Ratings*

- Volts
 - 300 V (TB200)
 - 600 V (TB200HB)
- Amps 30 A
- Breakdown voltage 4800 V

* Maximum rating shown; some options may be rated lower.

Agency information

- cULus File E62622; IEC Compliance; CE

Specifications

- Poles: 2 to 30
- Center spacing: 0.437" or 7/16" (11mm)
- Screw size: #6-32 phil-slot screws
- Wire range and torque rating:
 - 14 - 22 AWG Cu @ 9 in-lbs
 - 12 AWG (Str) Cu @ 12 in-lbs
 - 12 AWG (Sol) Cu @ 18 in-lbs
- Distance between barriers: 0.353" (9mm)
- Mounting: #6 screws
- Operating temperature: -40°C to 130°C (-40°F to 266°F)

Materials

- Molded black thermoplastic base UL rated 94V0
- Terminal plating: Tin-plated brass terminals
- Zinc-plated steel screws

Catalog number build-a-code

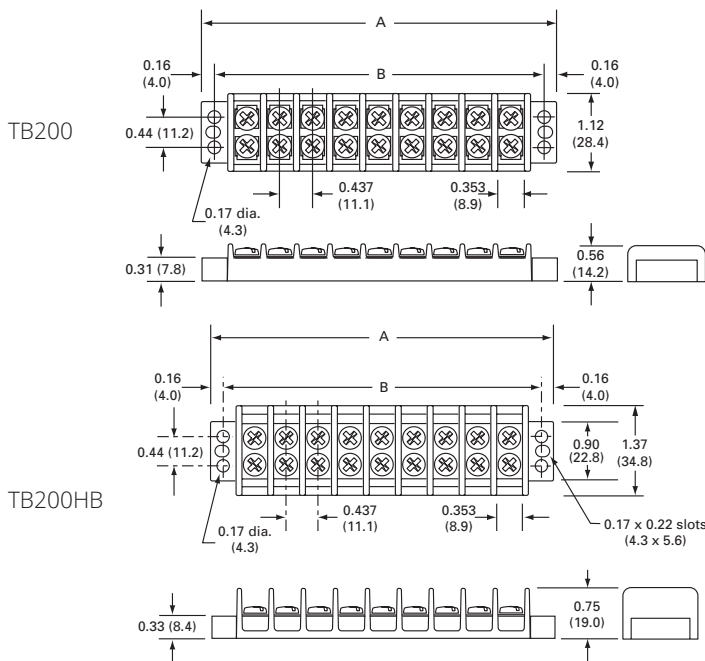
Symbol	Barrier style	Poles	Screw options	Marking/cover	Hardware options
TB		—			
	200 = Standard	02 to 30	Blank = Steel phil-slot, zinc-plated	L1 to L6 = Marking options, see page 10-16	QC1 to QC20 = Quick-connects
	200HB = High barrier		00 = Screws shipped bulk	Special markings†, see page 10-16	Custom options†
			B = Brass phil-slot, nickel-plated		J201 = Flat slip-on jumper, 2 position only
			BS = Brass SEMS phil-slot, nickel-plated		OJ3 = Over barrier jumpers
			P = Steel SEMS (P-style)		OJ5 = Over barrier jumpers
			SP = Steel SEMS phil-slot, zinc-plated		OJ7 = Over barrier jumpers
			SS = Stainless steel SEMS, phil-slot		
			ST = Stainless steel, phil-slot		

† Contact factory for configuration.

Accessories

- Marker strips, see page 10-17
- Covers, see page 10-16

Dimensions — in



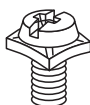
Poles	A	B	Poles	A	B	Poles	A	B
02	1.63	1.31	12	6.00	5.68	22	10.37	10.06
03	2.07	1.75	13	6.44	6.12	23	10.81	10.50
04	2.51	2.18	14	6.87	6.56	24	11.25	10.93
05	2.94	2.62	15	7.31	7.00	25	11.68	11.37
06	3.38	3.06	16	7.75	7.43	26	12.12	11.81
07	3.82	3.50	17	8.19	7.87	27	12.56	12.25
08	4.25	3.93	18	8.62	8.31	28	13.00	12.68
09	4.69	4.37	19	9.06	8.75	29	13.44	13.12
10	5.13	4.81	20	9.50	9.18	30	13.87	13.56
11	5.57	5.25	21	9.94	9.62			

1" = 25.4mm.

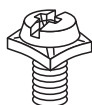
Screw options


B

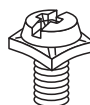
Brass phil-slot
nickel-plated
B001-7016-J (bulk)


BS

Brass SEMS phil-slot
nickel-plated
B001-7019-J (bulk)


SP

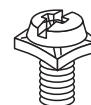
Steel SEMS phil-slot
zinc-plated
B001-7007-J (bulk)


P

Steel SEMS
(P-style)
B001-7000-J (bulk)


ST

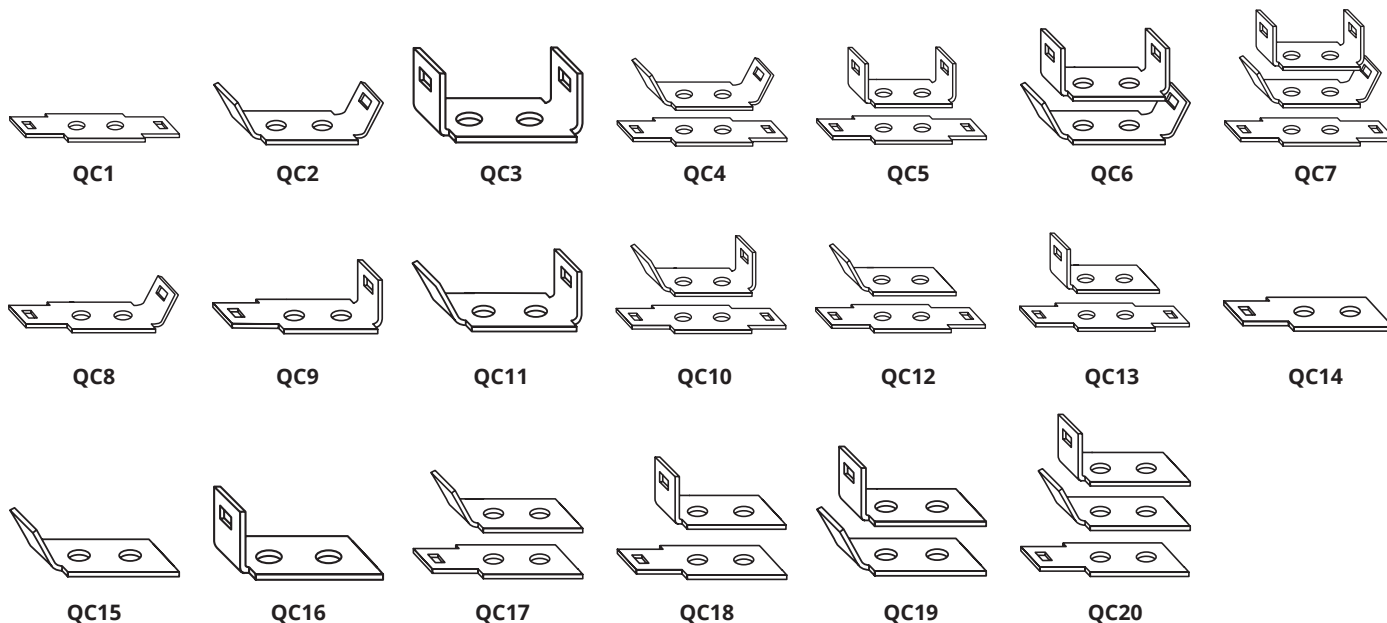
Stainless steel phil-
slot
F507-J (bulk)


SS

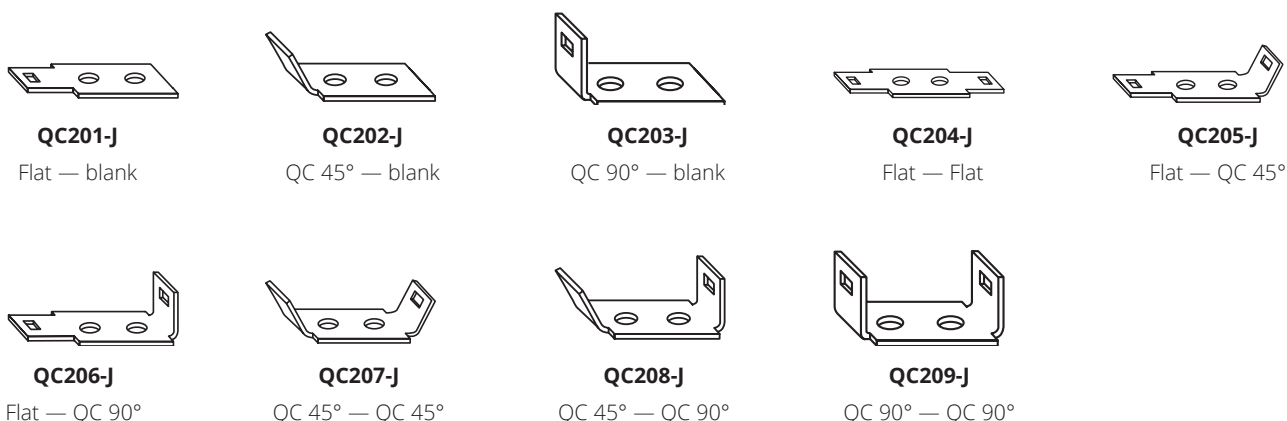
Stainless steel SEMS
phil-slot
B001-7085-J (bulk)

Hardware options

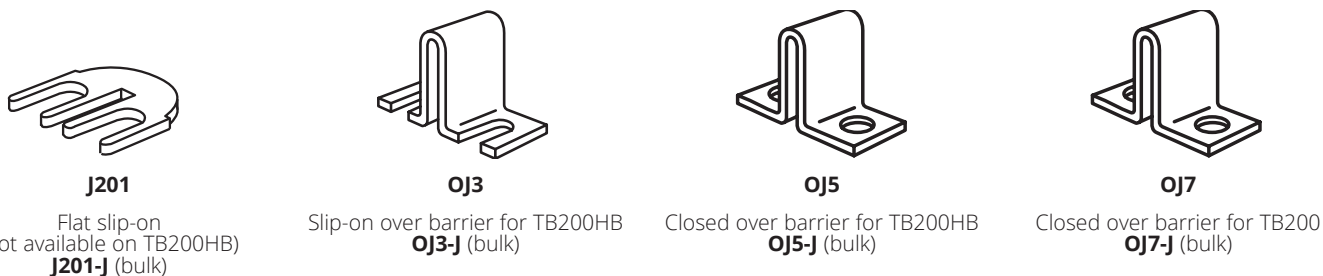
Quick-connects — assembled: 0.25" x 0.031" terminals, 20 amps maximum. For other orientations, contact factory.



Quick-connects — bulk: minimum order 100 pieces per catalog number.



Jumpers — bulk: minimum. order 100 pieces per catalog number. Contact factory for jumper assembly.



TB300 and TB345 double row terminal blocks

Ratings*

- Volts 600 V
- Amps
 - 30 A (TB300)
 - 45 A (TB345)
- Breakdown voltage 7500 V

* Maximum rating shown; some options may be rated lower.



Agency information

cULus File E62622; IEC Compliance; CE

Specifications

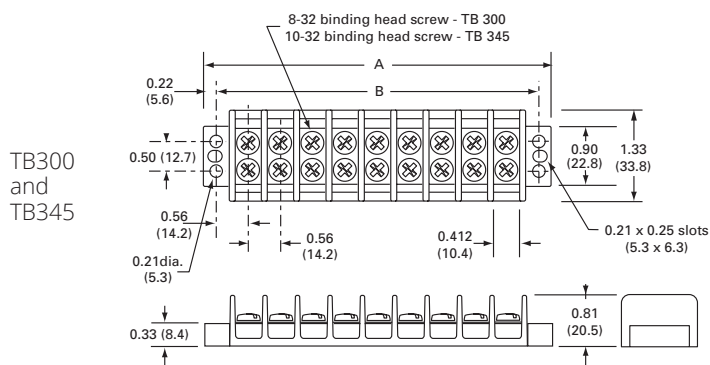
- Poles: 2 to 24
- Center spacing: 0.562" or 9/16" (14mm)
- Screw size
 - TB300 — #8-32 phil-slot screws
 - TB345 — #10-32 phil-slot screws
- Wire range and torque rating
 - TB300:
 - 12 - 22 AWG Cu @ 15 in-lbs
 - 10 AWG Cu @ 21 in-lbs
 - TB345:
 - 10 - 22 AWG Cu 20 in-lbs
 - 8 AWG @ 26 in-lbs

- Distance between barriers: 0.41" (10mm)
- Mounting
 - TB300 — #8 screws
 - TB345 — #10 screws
- Operating temperature: -40°C to 130°C (-40°F to 266°F)

Materials

- Molded black thermoplastic base, UL rated 94V0
- Tin-plated brass terminals
- Zinc-plated steel screws

Dimensions — in



Poles	A	B	Poles	A	B	Poles	A	B
02	2.13	1.69	10	6.62	6.19	18	11.12	10.68
03	2.69	2.25	11	7.18	6.75	19	11.68	11.25
04	3.25	2.81	12	7.75	7.31	20	12.24	11.81
05	3.81	3.37	13	8.31	7.87	21	12.80	12.37
06	4.37	3.94	14	8.87	8.44	22	13.37	12.93
07	4.94	4.50	15	9.43	9.00	23	13.93	13.50
08	5.50	5.06	16	9.99	9.56	24	14.49	14.06
09	6.06	5.62	17	10.56	10.12			

1" = 25.4mm.

Catalog number build-a-code

Symbol	Screw size	Poles	Screw options	Marking/cover	Hardware options
TB		—			
	300 = 8-32 screw	02 to 24	Blank = Steel phil-slot, zinc-plated	L1 to L6 marking options, see page 10-16	QC1 to QC20 = Quick-connects (TB300 only)
	345 = 10-32 screw		00 = Screws shipped bulk B = Brass phil-slot, nickel-plated BS = Brass SEMS phil-slot, nickel-plated (TB300 only) SP = Steel SEMS phil-slot, zinc-plated ST = Stainless steel, phil-slot	Special markings†, see page 10-16	Custom options (TB300 only)† J301 = Flat slip-on jumper OJ6 = Over barrier jumper OJ11 = Over barrier jumper

† Contact factory for configuration.

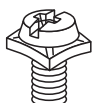
Accessories

- Marker strips, see page 10-17
- Covers, see page 10-16

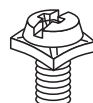
Screw options


B

Brass phil-slot nickel-plated
- **B001-7018-J** (TB300 bulk)
- **B500-023-028-J** (TB345 bulk)


BS

Brass SEMS phil-slot nickel-plated
- **B001-7015-J** (TB300 bulk)


SP

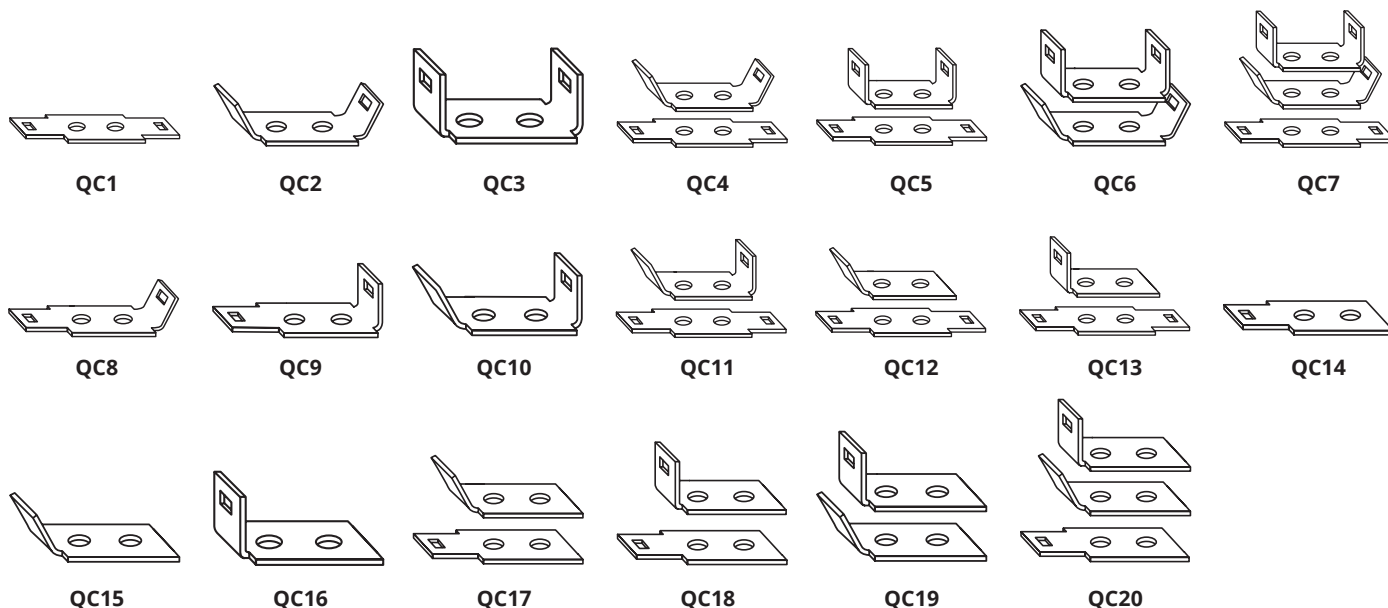
Steel SEMS phil-slot zinc-plated
- **B001-7017-J** (TB300 bulk)
- **B001-5774-J** (TB346 bulk)


ST

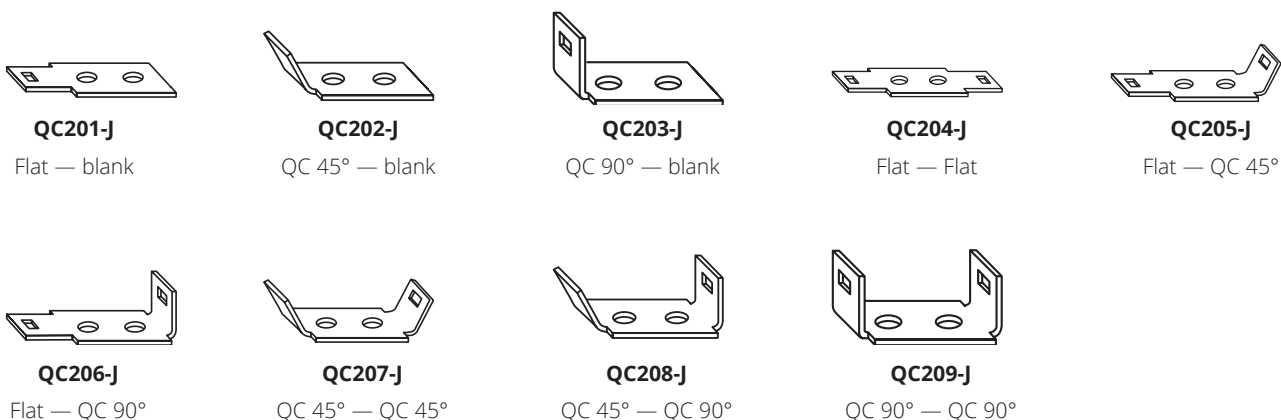
Stainless steel phil-slot
- **B001-7063-J** (TB300 bulk)
- **B001-7064-J** (TB345 bulk)

Hardware options

Quick-connects — assembled: TB300 only; 0.25" x 0.031" terminals, 20 amps maximum. For other orientations, contact factory.



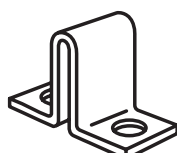
Quick-connects — bulk: *TB300 only; minimum order 100 pieces per catalog number.



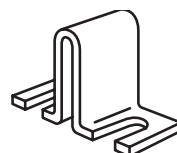
Jumpers — bulk: TB300 only; minimum order 100 pieces per catalog number. Contact factory for jumper assembly.


J301

Flat slip-on
J301-J (bulk)


OJ6

Closed over barrier
OJ6-J (bulk)


OJ11

Slip-on over barrier
OJ11-J (bulk)