

Selection Guide – Pan-Lug™ Mechanical Connectors, Split Bolts and Multi-Taps

1. Select Split Bolt Style Desired 2. Determine Conductor Range and then Select Panduit Part Number

Copper Split Bolt Connectors – SBC

For Use with Copper Code Conductors



Panduit Part Number	Conductor Size Range**		Panduit Part Number	Copper Conductor Range**	
	Min.	Max.		Min.	Max.
SBC8-C	#10 STR	#8 STR	SBC1/0-L	#4 STR	1/0 STR
SBC8L-C^	#16 STR	#8 STR	SBC2/0-Q	#2 STR	2/0 STR
SBC6S-C	#8 STR	#6 STR	SBC3/0-Q	#1 STR	3/0 STR
SBC6SL-C^	#8 STR	#6 STR	SBC250-Q	#1 STR	250 kcmil
SBC4S-C	#8 STR	#6 STR	SBC350-1	2/0 STR	350 kcmil
SBC4SL-C^	#8 STR	#6 STR	SBC500-1	300 kcmil	500 kcmil
SBC3-C	#8 STR	#4 STR	SBC750-1	350 kcmil	750 kcmil
SBC2-C	#6 STR	#2 STR	SBC1000-1	500 kcmil	1000 kcmil
SBC2L-C^	#14 STR	#2 STR			

^Long body accommodates two tap conductors with single run; not CSA Certified.
**The conductor sizes shown are for equal run and tap combinations

Tin Plated Copper Split Bolt Connectors – SBCT

For Use with Combinations of Copper and Aluminum Conductors



Panduit Part Number	Copper and Aluminum Conductor Range		
	Range of Equal Run and Tap		Min. Tap with One Max. Run
	Min.	Max.	
SBCT8-C	#8 STR	#6 SOL	#14 STR
SBCT6-C	#6 STR	#10 STR	#10 STR
SBCT3-C	#8 STR	#4 STR	#10 STR
SBCT2-C	#6 STR	#2 STR	#14 STR
SBCT1/0-L	#4 STR	1/0 STR	#10 STR
SBCT2/0-Q	#2 STR	2/0 STR	#8 STR
Copper Conductor Range			
SBCT10-C	#16 STR	#10 STR	#16 STR
SBCT3/0-Q	#1 STR	3/0 STR	#8 STR
SBCT250-Q	#1 STR	250 kcmil	#8 STR
SBCT350-1	2/0 STR	350 kcmil	1/0 STR
SBCT500-1	300 kcmil	500 kcmil	2/0 STR
SBCT750-1	2/0 STR	750 kcmil	2/0 STR
SBCT1000-1	4/0 STR	1000 kcmil	4/0 STR

Dual Rated Aluminum Split Bolt Connectors – SBA

For Use with Aluminum and Copper Conductor Combinations



Panduit Part Number	Aluminum to Aluminum, Aluminum to Copper, Copper to Copper Conductors		
	Max. Run to Max. Tap	Min. Run to Min. Tap	Max. Run to Min. Tap
SBA6-C	#6 STR – #6 STR	#10 SOL – #10 SOL	#6 STR – #10 SOL
SBA4-C	#4 STR – #4 STR	#8 SOL – #10 SOL	#4 STR – #10 SOL
SBA2-C	#2 STR – #2 STR	#6 SOL – #8 STR	#2 STR – #8 STR
SBA1/0-Q	1/0 STR – 1/0 STR	#2 STR (Compact) – #8 SOL	1/0 STR – #8 SOL
SBA2/0-Q	2/0 STR – 2/0 STR	#2 STR (Compact) – #8 STR	2/0 STR – #8 STR
SBA4/0-Q	4/0 STR – 4/0 STR	#2 STR (Compact) – #6 STR	4/0 STR – #6 STR
SBA350-1^	350 kcmil – 350 kcmil	1/0 STR (Compact) – #4 STR	350 kcmil – #4 STR
SBA500-1^	500 kcmil – 500 kcmil	400 kcmil (Compact) – #2 STR (Compact)	500 kcmil – #2 STR (Compact)

^Not CSA Certified.

Multi-Tap Connectors with Clear Insulation For Use with Aluminum and Copper Code Conductor Combinations



D2.149 – D2.154



Type	Description	No. of Ports	Copper or Aluminum Code Conductor Range
PCSB	Double-sided wire entry	2 to 14	14 AWG Solid to 750 kcmil
PCSB-S	Single-sided wire entry	2 to 14	14 AWG Solid to 750 kcmil
PISR	In-Line Splice/Reducer	2	14 AWG Stranded to 500 kcmil
PCSBMT	Double-sided wire entry mountable	4 to 12	14 AWG Solid to 600 kcmil
PSCBMT-S	Single-sided wire entry mountable	4 to 12	14 AWG Solid to 600 kcmil

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Copper Split Bolt Connectors – SBC

For Use with Copper Code Conductors



Panduit Part Number	Conductor Size Range**		Panduit Part Number	Copper Conductor Range**	
	Min.	Max.		Min.	Max.
SBC8-C	#10 STR	#8 STR	SBC1/0-L	#4 STR	1/0 STR
SBC8L-C^	#16 STR	#8 STR	SBC2/0-Q	#2 STR	2/0 STR
SBC6S-C	#8 STR	#6 STR	SBC3/0-Q	#1 STR	3/0 STR
SBC6SL-C^	#8 STR	#6 STR	SBC250-Q	#1 STR	250 kcmil
SBC4S-C	#8 STR	#6 STR	SBC350-1	2/0 STR	350 kcmil
SBC4SL-C^	#8 STR	#6 STR	SBC500-1	300 kcmil	500 kcmil
SBC3-C	#8 STR	#4 STR	SBC750-1	350 kcmil	750 kcmil
SBC2-C	#6 STR	#2 STR	SBC1000-1	500 kcmil	1000 kcmil
SBC2L-C^	#14 STR	#2 STR			

^Long body accommodates two tap conductors with single run; not CSA Certified.
**The conductor sizes shown are for equal run and tap combinations

Tin Plated Copper Split Bolt Connectors – SBCT

For Use with Combinations of Copper and Aluminum Conductors



Panduit Part Number	Copper and Aluminum Conductor Range		
	Range of Equal Run and Tap		Min. Tap with One Max. Run
	Min.	Max.	
SBCT8-C	#8 STR	#6 SOL	#14 STR
SBCT6-C	#6 STR	#10 STR	#10 STR
SBCT3-C	#8 STR	#4 STR	#10 STR
SBCT2-C	#6 STR	#2 STR	#14 STR
SBCT1/0-L	#4 STR	1/0 STR	#10 STR
SBCT2/0-Q	#2 STR	2/0 STR	#8 STR
Copper Conductor Range			
SBCT10-C	#16 STR	#10 STR	#16 STR
SBCT3/0-Q	#1 STR	3/0 STR	#8 STR
SBCT250-Q	#1 STR	250 kcmil	#8 STR
SBCT350-1	2/0 STR	350 kcmil	1/0 STR
SBCT500-1	300 kcmil	500 kcmil	2/0 STR
SBCT750-1	2/0 STR	750 kcmil	2/0 STR
SBCT1000-1	4/0 STR	1000 kcmil	4/0 STR

Dual Rated Aluminum Split Bolt Connectors – SBA

For Use with Aluminum and Copper Conductor Combinations



Panduit Part Number	Aluminum to Aluminum, Aluminum to Copper, Copper to Copper Conductors		
	Max. Run to Max. Tap	Min. Run to Min. Tap	Max. Run to Min. Tap
SBA6-C	#6 STR – #6 STR	#10 SOL – #10 SOL	#6 STR – #10 SOL
SBA4-C	#4 STR – #4 STR	#8 SOL – #10 SOL	#4 STR – #10 SOL
SBA2-C	#2 STR – #2 STR	#6 SOL – #8 STR	#2 STR – #8 STR
SBA1/0-Q	1/0 STR – 1/0 STR	#2 STR (Compact) – #8 SOL	1/0 STR – #8 SOL
SBA2/0-Q	2/0 STR – 2/0 STR	#2 STR (Compact) – #8 STR	2/0 STR – #8 STR
SBA4/0-Q	4/0 STR – 4/0 STR	#2 STR (Compact) – #6 STR	4/0 STR – #6 STR
SBA350-1^	350 kcmil – 350 kcmil	1/0 STR (Compact) – #4 STR	350 kcmil – #4 STR
SBA500-1^	500 kcmil – 500 kcmil	400 kcmil (Compact) – #2 STR (Compact)	500 kcmil – #2 STR (Compact)

^Not CSA Certified.

Multi-Tap Connectors with Clear Insulation

For Use with Aluminum and Copper Code Conductor Combinations



D2.149 – D2.154



Type	Description	No. of Ports	Copper or Aluminum Code Conductor Range
PCSB	Double-sided wire entry	2 to 14	14 AWG Solid to 750 kcmil
PCSB-S	Single-sided wire entry	2 to 14	14 AWG Solid to 750 kcmil
PISR	In-Line Splice/Reducer	2	14 AWG Stranded to 500 kcmil
PCSBMT	Double-sided wire entry mountable	4 to 12	14 AWG Solid to 600 kcmil
PSCBMT-S	Single-sided wire entry mountable	4 to 12	14 AWG Solid to 600 kcmil