

## Dual-rated mechanical connectors

Type GP, Type GT, Type TC and Tightening torque values for aluminum dual-rated socket screw connectors



Type GP – Aluminum dual-rated mechanical parallel tap connectors

Diagram	Cat. no.	Conductor range (AWG or kcmil, Al or Cu)		Dimensions (in.)		
		Main	Tap	W	L	H
	GP-2*	2–12 Str.	4–14	5/8	1 3/8	7/8
	GP-0	1/0–2	1/0–14	3/4	1 3/4	1
	GP-250-0	250–1/0	1/0–14	1 1/16	2 13/32	1 5/16
	GP-250	250–1/0	250–6	1 1/16	2 9/32	1 5/16
	GP-350	350–4/0	350–6	1 1/4	2 9/16	1 7/16
	GP-500	500–350	500–2	1 3/8	3 1/8	1 3/4
	GP-750	750–500	500–2	1 1/2	3 3/8	2

\* Slotted screw, tap side. To include insulating cover, add suffix WC.

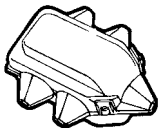


Type GT – Aluminum dual-rated mechanical parallel tap connectors



Diagram	Cat. no.	Conductor range (AWG or kcmil, Al or Cu)		Dimensions (in.)		
		Main	Tap	W	L	H
	GT-2*	2–12 Str.	4–14	5/8	1 3/8	7/8
	GT-0	1/0–2	1/0–14	3/4	1 3/4	1
	GT-250-0	250–1/0	1/0–14	1 1/16	2 9/32	1 5/16
	GT-250	250–1/0	250–6	1 1/16	2 9/32	1 5/16
	GT-350	350–4/0	350–6	1 1/4	2 9/16	1 7/16
	GT-500	500–350	500–2	1 3/8	3 1/8	1 3/4
	GT-750	750–500	500–2	1 1/2	3 3/8	2

\* Slotted screw, tap side. To include insulating cover, add suffix WC.



Type TC – Insulating covers for GP-GT



Diagram	Cat. no.	Dimensions (in.)			Use with connector
		L	W	H	
	TC-2	2 1/8	1 3/4	1 1/16	GP-2, GT-2
	TC-10	2 1/2	2 13/32	1 1/4	GP-0, GT-0
	TC250350	3 1/8	2 17/32	1 19/32	GP-250, GT-250, GP-350, GP-250-0, GT-250-0, GT-350
	TC-500	4 1/4	3 1/8	2 1/16	GP-500, GT-500
	TC-750	4 5/8	3 7/8	2 1/2	GP-750, GT-750

Color of all covers is black.

Tightening torque values for aluminum dual-rated socket screw connectors



AWG or circular mil size	Tightening torque in in.-lb.		AWG or circular mil size	Tightening torque in in.-lb.	
	Screw driver	Wrench		Screw driver	Wrench
12	20	75	4/0	–	200
10	20	75	250	–	250
8	20	75	350	–	250
6	35	100	500	–	300
4	35	100	600	–	300
2	50	125	700	–	300
1	50	125	750	–	300
1/0	50	150	800	–	400
2/0	50	150	1,000	–	400
3/0	–	200	–	–	–