








Selection Guide

Table 24.33: Type G Selection Guide

Description	Maximum Voltage	Maximum Current [1]	Blocks			End Barriers [2]		Blocks per ft	Maximum Wire Combinations		
			Color	Type	Std. Pack [3]	Type	Std. Pack [3]		Copper Wire (stranded or solid)		
 <p>Solderless Box Lug for #22 to #8 AWG wire. Mounts on standard 9080GH track or 35 mm DIN 3 track. Fingersafe per DIN 57470.</p>	600 V	60 A	Natural	GR6	50	GM6B	10	34	1 #8 1 #10 1-3 #12 1-4 #14	1-4 #16 1-5 #18 1-8 #20 1-10 #22	
			Black	GRB6		GMB6B					
			Blue	GRL6		GML6B					
			Green	GRG6		GMG6B					
			Gray	GRE6		GME6B					
			Orange	GRS6		GMS6B					
			Red	GRR6		GMR6B					
			Yellow	GRY6		GMY6B					
			Brown	GRN6		GMN6B					
 <p>Similar to a 9080GR6 except with a 9080GH91 banana test plug adapter installed. Fingersafe per DIN 57470.</p>	600 V	60 A	Natural	GR6T	50	GM6B	10				
 <p>Solderless Box Lug for #22 to #10 AWG wire. Can be mounted directly to a panel or can be mounted on 9080GH track.</p>	600 V	40 A	Natural	GK6	50	GK6B	50	34	1-4 #16 1 #10 1-2 #12 1-2 #14	1-4 #16 1-5 #18 1-8 #20 1-10 #22	
			Black	GKB6							
			Blue	GKL6							
			Green	GKG6							
			Gray	GKE6							
			Orange	GKS6							
			Red	GKR6							
Yellow	GKY6										
 <p>High Density Solderless Box Lug for #22 to #10 AWG wire. Mounts on standard 9080GH track or 35 mm DIN 3 track. Fingersafe per DIN 57470.</p>	600 V	30 A	Natural	GM6	50	GM6B	10	51	1 #10 1 #12 1 #14 1-2 #16	1-2 #18 1-5 #20 1-8 #22 1-2 #16	
			Black	GMB6		GMB6B					
			Blue	GML6		GML6B					
			Green	GMG6		GMG6B					
			Gray	GME6		GME6B					
			Orange	GMS6		GMS6B					
			Red	GMR6		GMR6B					
			Yellow	GMY6		GMY6B					
			Brown	GMN6		GMN6B					
 <p>Solderless Box Lug for #18 to #4 AWG wire. Mounts on standard 9080GH track or 35 mm DIN 3 track.</p>	600 V	85 A	Natural	GC6	50	GC6B	10	28	1 #4 1 #6 1-2 #8 1-4 #10	1-5 #12 1-6 #14 1-6 #16 1-8 #18	
 <p>Solderless Box Lug for #12 to #10 AWG wire. Mounts on standard 9080GH track or 35 mm DIN 3 track.</p>	600 V	170 A	Natural	GD6	10	GD6B	10	17	1 1/0 1 #1 1 #2 1-2 #4	1-3 #6 1-5 #8 1-6 #10 1-7 #12	
 <p>Solderless Box Lug for #6 AWG to 250 kcmil wire. [4] Mounts on standard 9080GH track or 35 mm DIN 3 track.</p>	600 V	255 A	Natural	GE6	10	None Required		10	1 250 kcmil [4]		
										1 4/0 1 3/0 1 2/0 1 1/0	1 #1 1 #2 1 #4 1 #6

24 TERMINAL BLOCKS


 File: E60616  
CCN: XCFR2  
File: 025490  
Class:3211-07  
RoHS Compliant

Table 24.34: How to Order

To Order Specify	Catalog Number	
• Class Number	Class	Type
• Type Number	9080	GR6

For standard or custom assemblies, see [Terminal Block Assemblies, page 24-18](#).  
 For mounting track and accessories, see [Mounting Track, End Clamps, Jumpers, Fanning Strips, page 24-19](#).  
 For DIN 3 track and end clamps, see [Mounting Track and End Clamps, page 24-15](#).

[1] These maximum current values assume the use of insulated copper conductors with 75 °C (167 °F) temperature rating, temperature rating, and are calculated based on NEC Article 310, Table 310-16. In most cases this value is the maximum ampacity of that wire or combination of wires (as listed in the above table) which has the greatest current carrying capacity. The actual allowable current for a particular application depends on the number, size, insulation class, and other characteristics of the wires used. The lower of the UL and CSA ratings are shown.  
 [2] One end-barrier is required for each assembly of like blocks.  
 [3] Orders must specify standard package quantity or multiples of that quantity.  
 [4] Terminals are tin plated, making them suitable for use with either copper or aluminum wire.