Table 24.18: Selection Guide

Description		Maximum Voltage	Maximum Current■	Blocks				End Barriers♦			Blocks per ft	Max. Wire Combinations
				Color	Type	$ Price ea.	Std. Pack▲	Type	$ Price ea.	Std. Pack▲		Copper Wire (stranded or solid)
	Solderless Box Lug for #22 to #8 AWG wire. Mounts on standard 9080GH track or 35 mm DIN 3 track. Fingersafe per DIN 57470.	600 V	60 A	Natural	GR6	**2.40**	50	GM6B	**0.78**	10	34	1 **#8** 1–4 **#16** 1 **#10** 1–5 **#18** 1–3 **#12** 1–8 **#20** 1–4 **#14** 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				
	Similar to a 9080GR6 except with a 9080GH91 banana test plug adapter installed. Fingersafe per DIN 57470.	600 V	60 A	Natural	GR6T	**2.90**	50	GM6B	**0.78**	10		
	Solderless Box Lug for #22 to #10 AWG wire. Can be mounted directly to a panel or can be mounted on 9080GH track.	600 V	40 A	Natural	GK6	**2.40**	50	GK6B	**0.93**	50	34	1–4 **#16** 1–4 **#16** 1 **#10** 1–5 **#18** 1–2 **#12** 1–8 **#20** 1–2 **#14** 1–10 **#22**
				Black	GKB6							
				Blue	GKL6							
				Green	GKG6							
				Gray	GKE6							
				Orange	GKS6							
				Red	GKR6							
				Yellow	GKY6							
	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.	600 V	30 A	Natural	GM6	**1.80**	50	GM6B	**0.78**	10	51	1 **#10** 1–2 **#18** 1 **#12** 1–5 **#20** 1 **#14** 1–8 **#22** 1–2 **#16** 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				
	Solderless Box Lug for #18 to #4 AWG wire. Mounts on standard 9080GH track or 35 mm DIN 3 track.	600 V	85 A	Natural	GC6	**5.00**	50	GC6B	**1.30**	10	28	1 **#4** 1–5 **#12** 1 **#6** 1–6 **#14** 1–2 **#8** 1–6 **#16** 1–4 **#10** 1–8 **#18**
	Solderless Box Lug for #12 to #1/0 AWG wire. Mounts on standard 9080GH track or 35 mm DIN 3 track.	600 V	170 A	Natural	GD6	**10.10**	10	GD6B	**1.70**	10	17	1 **1/0** 1–3 **#6** 1 **#1** 1–5 **#8** 1 **#2** 1–6 **#10** 1–2 **#4** 1–7 **#12**
	Solderless Box Lug for #6 AWG to 250 kcmil wire. ★ Mounts on standard 9080GH track or 35 mm DIN 3 track.	600 V	255 A	Natural	GE6	**27.00**	10	None Required			10	1 **250 kcmil**★ 1 **4/0** 1 **#1** 1 **3/0** 1 **#2** 1 **2/0** 1 **#4** 1 **1/0** 1 **#6**

▲ Orders must specify standard package quantity or multiples of that quantity.

■ These maximum current values assume the use of insulated copper conductors with 75°C 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.

♦ One end-barrier is required for each assembly of like blocks.

★ Terminals are tin plated, making them suitable for use with either copper or aluminum wire.

File CCN E60616 XCFR2 File Class 025490 3211 07

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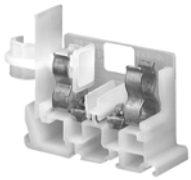
For Mounting Track and Accessories . . . . . page 24-16
For DIN 3 track and end clamps . . . . . page 24-12

Table 24.19: Selection Guide

Description		Maximum Voltage	Maximum Current■	Blocks			End Barriers♦			Blocks per ft	Max. Wire Combinations
				Type	$ Price ea.	Std. Pack▲	Type	$ Price ea.	Std. Pack▲		Copper Wire (stranded or solid)
	Self-Lifting Pressure Wire Connector for #18 to #12 AWG wire. Mounts on standard 9080GH track or 35 mm DIN 3 track. CE	600 V	40 A	GP6	**2.60**	50	GP6B	**1.00**	10	32	1 or 2 **#12** 1 or 2 **#14** 1 or 2 **#16** 1 or 2 **#18**
	Flat Terminal Connector for #22 to #12 AWG wire. Screws are #6-32 x 5/16 in. for ring or spade lugs, 5/16 in. wide maximum. Mounts on standard 9080GH track or 35 mm DIN 3 track. Fingersafe per DIN 57470. CE	600 V	40 A	GA6	**1.80**	50	GP6B	**1.00**	10	32	1 or 2 Conductors Per Screw **#12–22**
	Circuit Isolating Switch★ with self-lifting pressure connectors for #18 to #10 AWG wire. Mounts on standard 9080GH track or 35 mm DIN 3 track. CE	600 V	30 A	GG6	**18.00**	10	GF6B	**4.80**	10	16	1 **#10** 1 **#12** 1 **#14** 1–4 **#16** 1–4 **#18**
	Slip-on Connectors for #22 to #12 AWG wire. Tabs accept 0.250 x 0.032 in. slip-on connectors Mounts on standard 9080GH track or 35 mm DIN 3 track. CE	600 V	20 A	GS6	**4.80**	10	GF6B	**4.80**	10	16	1–2 **#12** 1–2 **#14** 1–2 **#16** 1–2 **#18** 1–2 **#20** 1–2 **#22**
	Transient Voltage Suppressors△ with box lug connectors for #18 to #10 AWG wire. Mounts on standard 9080GH track or 35 mm DIN 3 track. CE	120 V	—	GT6	**20.70**	5	GT6B	**1.70**	10	24	1 **#10** 1 **#12** 1 **#14** 1–2 **#16** 1–4 **#18**
	Fuse Block for 13/32 in. Dia. x 1-1⁄ 2 in. ferrule fuse with self-lifting pressure connectors. Fuse puller is included as standard. Fuses are not included. Mounts on standard 9080GH track or 35 mm DIN 3 track. Fingersafe per DIN 57470. CE	600 V	30 A	GF6	**11.70**	10	GF6B	**4.80**	10	16	1 **#10** 1 **#12** 1 **#14** 1–4 **#16** 1–4 **#18**
	Fuse Puller▼	—	—	GH63	**2.40**	50	N/A			N/A	N/A
	Blown Fuse Indicator/ Pullers are neon pilot lights which plug on to the fuse in a standard Type GF6 fuse block.	120–240 V	—	GLP3	**11.90**	10	N/A			N/A	N/A
		277–600 V	—	GLP6	**11.90**	10	N/A				

▲ Orders must specify the standard package quantity or multiples of that quantity.

■ These maximum current values assume the use of insulated copper conductors with 75°C 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 below.

♦ One end-barrier is required for each assembly of like sections.

★ Not intended to make or break a live circuit. Power must be disconnected from the circuit before operation of the switch.

▼ Fuse puller is supplied as standard with Class 9080 Type GF6 fuse block. The 9080GH63 is a replacement fuse puller.

△ Modules have RC circuitry for suppressing transient voltage, generated when opening a coil circuit, to approximately 200% of the peak line voltage, when used with 120 V coils. Type GT6 is suitable for use with Square D Class 8501 Type X, K, R and C relays or Square D Type S starters and contactors, Sizes 00-2.

Terminal Blocks

	File	E60616
	CCN	XCFR2
	File	025490
	Class	3211 07

Blown Fuse Indicator

	File	E63698
	CCN	JDV5
	File	025490
	Class	3211 07

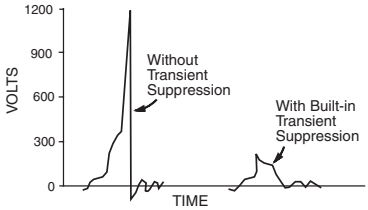


Table 24.20: How to Order

To Order Specify	Catalog Number	
• Class Number • Type Number	**Class**	**Type**
	9080	GP6

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Standard Terminal Block Assemblies

The assemblies listed in the table below consist of 6 ft (two 3 ft lengths packaged together) of terminal blocks. The terminal blocks are mounted on snap-off mounting track, which can be easily broken every 5/16 in. Every tenth terminal block is marked to aid in counting off the proper number of terminal blocks. After adding the proper end barrier and a slip-in end clamp to the blocks that were broken off, the custom assembly is ready for installation.

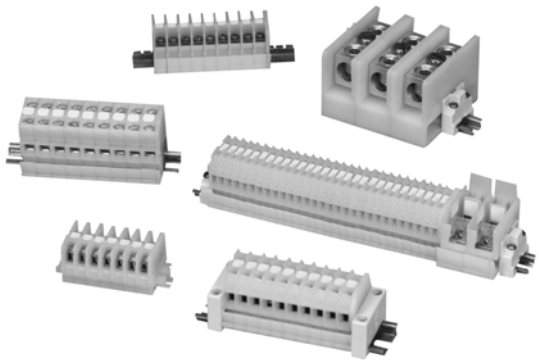


Table 24.21: Standard Terminal Block Assemblies

Description	Type	$ Price
Assembly of 188 Type GA6	GA6188BC	**530.00**
Assembly of 204 Type GR6	GR6204BC	**674.00**
Assembly of 94 Type GF6	GF694BC	**1311.00**
Assembly of 296 Type GM6	GM6296BC	**830.00**
Assembly of 188 Type GP6	GP6188BC	**653.00**

Custom Terminal Block Assemblies

Order an assembly built as required for the application. As standard, custom assemblies use 9080GH mounting track with screw on end clamps. Other options are available from the table below.

One terminal block type: The number of blocks in the assembly is added to the end of the catalog number of the desired block. Example: an assembly of **25** 9080GR6 blocks would be **9080GR625**.

More than one terminal block type in an assembly: A detailed drawing or sketch of the desired assembly must accompany the order.

Table 24.22: Custom Assembly Pricing

Block Type	$ Price Per Block/ Terminal	Block Type	$ Price Per Block/ Terminal
GA6	**2.80**	GK6 channel mounted	**3.30**
GC6	**6.10**	GK6 direct mounted	**2.70**
GCB01–15	**68.00**	GM6	**2.90**
GCB20–150	**84.00**	GP6	**3.50**
GD6	**12.20**	GR6	**3.30**
GE6	**31.80**	GR6T	**3.80**
GF6	**14.00**	GS6	**3.80**
GG6	**14.60**	Blank vinyl marking strip	**0.05**
		Pre-numbered (1-25 only)	**0.24**

Table 24.23: Custom Terminal Block Assemblies

Option	Suffix	Example
Substitute slip-in end clamps	**C**	9080GR625C
Substitute snap-off channel	**B**	9080GR625BC ▲
For direct mount assembly of 9080GK6 blocks	**D**	9080GK67D
Add a blank vinyl marking strip	**M**	9080GR625M
Add pre-marked (1–25 only) marking strip	**MPO**	9080GR625MPO
Mount on 35 mm DIN 3 track instead of 9080GH track	**T**	9080GR625T

▲ The 9080GH10 screw-on end clamp is **not** recommended for use with snap-off channel. It is recommended that the 9080GH11 slip-in end clamp be used. Therefore, when the suffix **B** is used, it should be followed by the suffix **C**.

$ Price per block from Table 24.22 _____
Number of blocks in the assembly x _____
Subtotal (multiply # of blocks by price of blocks) _____

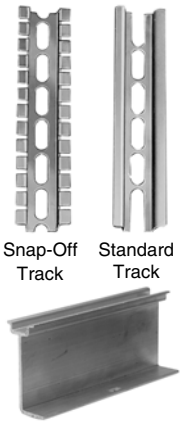
Initial Charge for factory assemblies
All except 9080GK6 direct mount **($7.00)** _____
OR for 9080GK6 direct mount **($3.60)** _____

Vinyl Marking Strips
Adder for Suffix **M—$0.05** per block _____
OR adder for Suffix **MPO—$0.24** per block _____
Deduct for Suffix **C—$2.40** _____
Total everything from Subtotal down _____
Apply the following rounding rules to the total obtained:
$1.00 through **$50.00** Round to the nearest dime
over **$50.00** Round to the nearest dollar

Table 24.24: How to Order

To Order Specify	Catalog Number	
	Class	**Type**
• Class Number • Type Number	9080	GA612

Table 24.25: 3/4 in. Mounting Track



Style	Length (in.)	Type	$ Price ea.	Std. Pack▲
Standard Track	3	GH103	**2.40**	5
	4	GH104	**2.40**	5
	5	GH105	**2.60**	5
	6	GH106	**2.60**	5
	7	GH107	**2.60**	5
	8	GH108	**3.00**	5
	9	GH109	**3.00**	5
	10	GH110	**3.30**	5
	11	GH111	**3.30**	5
	12	GH112	**3.50**	5
	13	GH113	**3.50**	5
	14	GH114	**3.80**	5
	15	GH115	**3.90**	5
	16	GH116	**4.20**	5
	17	GH117	**4.40**	5
	18	GH118	**4.80**	5
	36	GH136	**11.70**	5
	48	GH148	**15.20**	5
	72	GH172	**22.70**	5
Snap-Off Track	36	GH236	**11.70**	20
	48	GH248	**15.20**	20
	72	GH272	**22.70**	20
High Rise	36	GH336	**29.00**	2

Note: For additional track and appropriate end clamps, see page 24-12.

Table 24.26: Accessories

Description		Type	$ Price ea.	Std. Pack▲
End Clamps				
	Screw-on End Clamp (Not recommended for use on snap-off mounting track)	GH10	**2.40**	50
	Slip-in End Clamp (Not for use with 9080 GE6, GK6 blocks)	GH11	**.63**	50
Jumpers				
	2-pole jumper for GM6	GH700	**.59**	20
	6-pole jumper for GM6	GH710	**1.20**	10
	2-pole jumper for GK6, GR6	GH72	**.62**	20
	6-pole jumper for GK6, GR6	GH73	**1.80**	10
	2-pole jumper for GC6	GH74	**2.30**	10
	6-pole jumper for GC6	GH75	**4.30**	10
	2-pole jumper for GD6	GH76	**3.20**	10
	6-pole jumper for GD6	GH77	**8.70**	10
	2-pole jumper for GA6, GP6	GH78	**1.20**	10
	6-pole jumper for GA6, GP6	GH79	**2.00**	10
Fanning Strip				
	Snap-together fanning strip section for GA6 blocks	GH51	**3.00**	10
	Snap-together fanning strip section for GK6, GR6 blocks	GH52	**3.30**	10

▲ Orders must specify the standard package quantity or multiples of that quantity.

Table 24.27: Marking and Additional Accessories

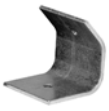
Description		Type	$ Price ea.	Std. Pack▲
	25 ft blank vinyl marking strip	GH220	**11.90**	1
 Vinyl marking strip numbered 1-25	For GK6, GR6	GH21	**4.40**	5
	For GA6, GP6	GH22	**4.40**	5
	For GM6	GH230	**4.40**	5
	Blank pin-feed marking tabs—6 x 20 (total 120) marking tabs for GD6, GR6, and GT6 blocks	GH200	**1.70**	20
	Pre-marked 01 to 50 (2 sets) plus 20 Various marking tabs (total 120 marking tabs) for GD6, GR6, and GT6 blocks	GH210	**13.10**	5
	Marking pen with permanent, fine line black ink	GH40	**8.00**	12
	Marking strip end plug for GK6, GR6, GM6, GA6, GP6, GC6, GD6, GE6, and GT6 blocks	GH60	**.39**	50
	Transition barrier between GK6 and all other G or K blocks	GH61	**.98**	50
	Cover for GR6 or GR6T blocks	GH62	**.98**	50
	Banana test plug for GR6T block	GH90	**7.40**	10
	Test plug adapter for GR6T block (included as standard with GR6T)	GH91	**1.20**	50
	Angle bracket kit—for mounting 9080GH or MH track to panel at 45° angle. Includes 2 brackets and hardware for mounting the track to the brackets	MH82	**7.20**	1
	Polycarbonate end clamp for 35 mm DIN 3 track, 8 mm (0.31 in.) wide	MHA10	**2.40**	50

Table 24.28: How to Order

To Order Specify	Catalog Number	
	Class	**Type**
• Class Number	9080	GH10
• Type Number		