

# Series V7-W Terminals

A comprehensive selection of rugged connections



Sprecher + Schuh's new V7-W terminals are designed to meet the three most important criteria when selecting a terminal block line – ease of wiring, secure connections and durability. The line is also comprehensive, offering a wide array of terminal types for most circuits and functions, from control to low level power.

## The size you need

V7-W feed-through terminals come in ten sizes and are rated to 600VAC (800V-IEC). They accommodate a full range of wire sizes from 30AWG to 3/0 AWG (0.5mm<sup>2</sup> to 70mm<sup>2</sup> wire cross section). Many “specialty” feed-through terminals are also available that provide multiple terminations or increase the density of connections. This reduces panel space and saves money.

## Comprehensive selection of special terminals

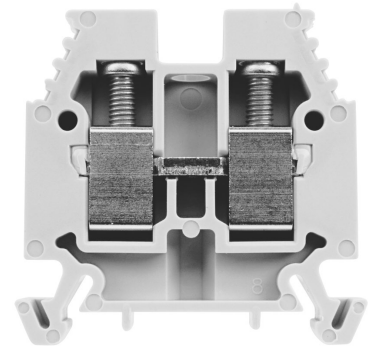
Aside from the broad selection of standard feed-through terminals, many special terminals are also part of the new V7-W line, including:

- Two level terminals
- High Current terminals
- Ground terminals
- Dual connection terminals
- Diode terminals
- Plug-in style terminals
- Various isolating terminals
- Fuse terminals
- Sensor terminals
- Thermocouple terminals
- Proximity switch terminals

Even the most varied circuit requirements can be supported by the broad selection offered with this line.

## Super reliable connections

The most important aspect of a terminal block is to join wires in a reliable connection. With V7-W terminals, a cone shaped guide allows easy insertion of the wire into a nickel plated barrel. As tightening torque is applied to strong stainless steel screws, the wire is secured between a recessed contact



*Stainless steel screws and nickel plated current bars provide a strong, corrosion resistant connection*

pad and serrated current bar. This corrosion-resistant clamping mechanism provides excellent performance in the most demanding industrial conditions.



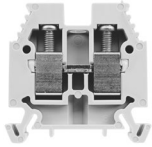


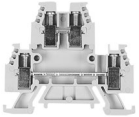

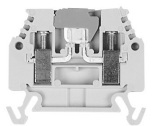
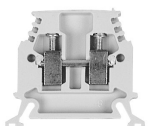
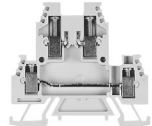

## Superior insulation and protection features

All metal parts are recessed, providing a touch-safe, dead front design for optimum safety. Terminal bodies are manufactured from Polyamide 6.6, known for its excellent thermal stability, impact resistance and resistance to electrical creepage. The insulating cases are rated up to 90°C (195°) for continuous operation. They also stay elastic down to -40°C (-40°F) without fracturing.




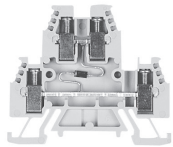

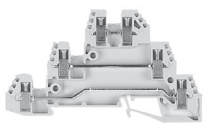

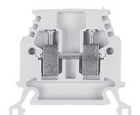
## International approvals

Sprecher + Schuh's V7-W terminal block line is UL recognized and CSA Certified. Many terminals have also been certified for use in hazardous locations. The line also carries the CE Mark for use in most international markets.

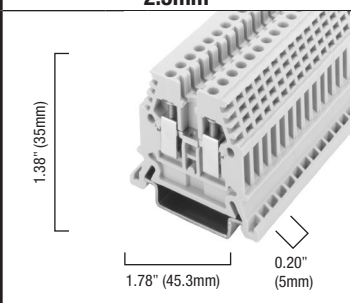
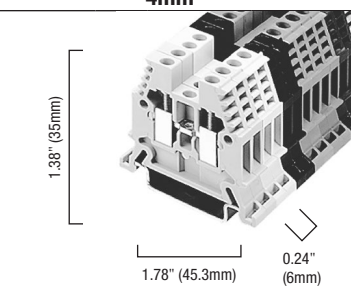
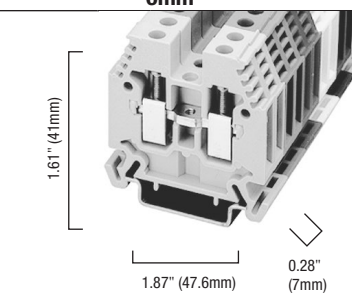
**Quick Selection Guide** (refer to page indicated for complete information and detailed pricing)

Terminal	Description	Type	Overall Term. Width	Cross-sec. [mm <sup>2</sup> ]	Catalog Number	See Page...
<b>Through Terminals</b>						
	<b>Standard Feed-Through Blocks</b> Provides one straight-through circuit for wire sizes up to 70 mm <sup>2</sup> .	Color: gray (other colors available)	5	2.5	<b>V7-W3</b>	N5
			6	4	<b>V7-W4</b>	N5
			7	6	<b>V7-W6</b>	N5
			8	10	<b>V7-W10</b>	N6
			11	16	<b>V7-W16S</b>	N6
			14	35	<b>V7-W35</b>	N7
			23	70	<b>V7-W70</b>	N7
  	<b>Specialty Feed-Through Blocks</b> Provides one straight-through circuit with 3 wire terminals.	Color: gray (other colors available)	5	2.5	<b>V7-W3TW</b>	N9
	<b>Return Terminals</b> Single circuit terminal block with terminals on common side.	Color: gray	5	2.5	<b>V7-WR3</b>	N9
	<b>Two Level Terminals</b>	Color: gray	5 6 7	2.5 4 6	<b>V7-WD3</b> <b>V7-WD4</b> <b>V7-WD6</b>	N8 N8 N8
<b>Ground Terminals</b>						
	<b>Grounding Terminals</b>	Color: green / yellow	6	4	<b>V7-WG4</b>	N10
			7	6	<b>V7-WG6</b>	N10
			8	10	<b>V7-WG10S</b>	N10
			13	16	<b>V7-WG16</b>	N11
			18	35	<b>V7-WG35</b>	N11
			22	70	<b>V7-WG70</b>	N11
			6	2.5	<b>V7-WDG4C</b>	N12
<b>Isolation and Plug-in Style Blocks</b>						
	<b>Knife Style Isolation Blocks</b> Used to isolate a circuit after power has been removed by an appropriate disconnect switch.	Color: gray	5	2.5	<b>V7-WKD3</b>	N16
			5	2.5	<b>V7-WKD3TP</b>	N16
			9	6	<b>V7-WKD6</b>	N16
	<b>Handle Style Isolation Block</b> Used to isolate a circuit after power has been removed by an appropriate disconnect switch.	Color: black	9	4	<b>V7-H7</b>	N17
	<b>Plug-in Style Block</b> Accepts plugs listed on opposite page.	without insert without insert, with test plug screws	6	2.5	<b>V7-W4P</b>	N20
			6	2.5	<b>V7-W4PTP</b>	N20
	<b>Two &amp; Three Level Plug-in Style Terminal Blocks -</b> Accepts plugs listed on opposite page.	two level, without insert three level, without insert, with ground	6	2.5	<b>V7-WD4P</b>	N21
			6	2.5	<b>V7-WDG4P</b>	N21

**Quick Selection Guide** (refer to page indicated for complete information and detailed pricing)

Terminal	Description	Type	Overall Term. Width	Cross-sec. [mm <sup>2</sup> ]	Catalog Number	See Page...
<b>Isolation and Plug-in Style Blocks (continued)</b>						
<b>Inserts for V7-W4P— Order Separately</b>						
	<b>Disconnect Plug</b>				<b>V7-DP4</b>	N28
	<b>Component Plug</b>				<b>V7-CP4</b>	N28
	<b>Fuse Plug</b>	5 x 20 mm; without indication 5 x 20 mm; with LED 5 x 20 mm; with LED			<b>V7-FP4</b> <b>V7-FP424</b> <b>V7-FP4250</b>	N28
<b>Two Level Component Terminals</b>						
	<b>Diode Terminals</b>	with a fixed connection with a diode in forward bias with a diode in reverse bias	6 6 6	4 4 4	<b>V7-WD4C</b> <b>V7-WD4DF</b> <b>V7-WD4DR</b>	N22
<b>Fusible Terminals</b>						
	<b>Fuse Terminals</b> (fuses not supplied)	5 x 20 mm, without indication 5 x 20 mm, without indication 5 x 20 mm, with LED 5 x 20 mm, with neon lamp 6.3 x 32 mm, without indication 6.3 x 32 mm, without indication 6.3 x 32 mm, with LED 6.3 x 32 mm, with neon lamp	8 8 8 8 9 9 9 9	4 4 4 4 4 4 4 4	<b>V7-WFB4</b> <b>V7-WFB10V</b> <b>V7-WFB424</b> <b>V7-WFB4250</b> <b>V7-H6</b> <b>V7-WFB10VA</b> <b>V7-H5</b> <b>V7-H4</b>	N13 N15 N13 N13 N14 N15 N14 N14
<b>Sensor Terminals</b>						
	<b>Sensor Supply Terminal</b> (Initiator)	without LED with LED PNP with LED NPN	5 5 5	2.5 2.5 2.5	<b>V7-WTF3</b> <b>V7-WTF3LP</b> <b>V7-WTF3LN</b>	N18 N18 N18
	<b>Sensor Terminal</b> (Initiator)	no indicator with LED PNP with LED NPN	5 5 5	2.5 2.5 2.5	<b>V7-WTS3</b> <b>V7-WTS3LP</b> <b>V7-WTS3LN</b>	N19 N19 N19
<b>Thermocouple Terminals</b>						
	<b>Thermocouple Terminals</b>	Chromel / Constantan Iron / Constantan Copper / Constantan	10 10 10	2.5 2.5 2.5	<b>V7-WTC3E</b> <b>V7-WTC3J</b> <b>V7-WTC3T</b>	N23 N23 N23

### Standard Feed-Through Blocks ①

Ordering and Technical Information ①	2.5mm <sup>2</sup>			4mm <sup>2</sup>			6mm <sup>2</sup>		
									
	Single circuit terminal block			Single circuit terminal block			Single circuit terminal block		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
<b>Terminal -</b>	Gray V7-W3	2.70	50	V7-W4	3.10	50	V7-W6	3.25	50
	Red V7-W3-RE	2.85	50	V7-W4-RE	3.25	50	V7-W6-RE	3.50	50
	Blue V7-W3-B	2.85	50	V7-W4-B	3.25	50	V7-W6-B	3.50	50
	Black V7-W3-BL	2.85	50	V7-W4-BL	3.25	50	V7-W6-BL	3.50	50
	Green V7-W3-G	2.85	50	V7-W4-G	3.25	50	V7-W6-G	3.50	50
	Yellow V7-W3-Y	2.85	50	V7-W4-Y	3.25	50	V7-W6-Y	3.50	50
	Orange V7-W3-OR	2.85	50	V7-W4-OR	3.25	50	V7-W6-OR	3.50	50
	White V7-W3-W	2.85	50	V7-W4-W	3.25	50	V7-W6-W	3.50	50
	Brown V7-W3-BR	2.85	50	V7-W4-BR	3.25	50	V7-W6-BR	3.50	50
<b>Accessories (also see pages N26 to N31)</b>									
<b>End Barrier</b>	V7-EB3	1.20	50	V7-EB3	1.20	50	V7-EB10	1.20	50
<b>End Anchors</b>									
DIN Rail — Normal Duty	V7-EA35	1.75	50	V7-EA35	1.75	50	V7-EA35	1.75	50
DIN Rail — Heavy Duty	V7-EAH35	7.00	10	V7-EAH35	7.00	10	V7-EAH35	7.00	10
DIN Rail — Snap-in	V7-ER35	1.80	50	V7-ER35	1.80	50	V7-ER35	1.80	50
<b>Jumpers</b>									
Side Jumper — 10-pole Insulated	V7-SJ5-10	3.60	10	V7-SJ6-10	4.45	10	V7-CJ7-40 (40 pole)	37.00	5
Center Jumper — 50-pole	V7-CJ5-50	42.00	5	V7-CJ6-50	37.00	5	V7-CJ7-10	11.00	10
Center Jumper — 10-pole	V7-CJ5-10	8.90	10	V7-CJ6-10	9.40	10	V7-CJ7-3	4.10	10
Center Jumper — 3-pole	V7-CJ5-3	3.30	10	V7-CJ6-3	3.50	10	V7-CJ7-2	2.90	10
Center Jumper — 2-pole	V7-CJ5-2	2.25	10	V7-CJ6-2	2.40	10	V7-CJL7	1.35	10
Center Jumper Link	V7-CJL5	1.35	10	V7-CJL6	1.35	10	V7-CJL7	1.35	10
Center Jumper Cover — White	V7-CJCW5 ②	5.30	20	V7-CJCW6	5.30	20	V7-CJCW6	5.30	20
<b>Other Accessories</b>									
Partition Plate	V7-PP3	1.50	50	V7-PP3	1.50	50	V7-PP10	1.80	50
Separation Plate	V7-SP3	.90	50	V7-SP3	.90	50	V7-TP28	8.90	10
Test Plug				V7-TP28	8.90	10			
Test Plug				V7-TP6E	13.00	10			
Test Plug				V7-TP6EWL	13.00	10			
Test Plug Adapter	V7-TA285	17.75	10	V7-TA40	17.75	10	V7-TA40	17.75	10
Electrical Warning Plate (1-pole)	V7-EWP5-4	2.25	10	V7-EWP5-4	2.25	10	V7-EWP7-4	2.25	10
Screwdriver ③	V7-SCRDRV1	16.50	1	V7-SCRDRV1	16.50	1	V7-SCRDRV1	16.50	1
<b>Marking Systems ④</b>									
Blank Tags (cards of 100)	V7-SM5X9	12.00	5	V7-SM6X12	12.00	5	V7-SM6X12	12.00	5
	V7-SM5X12	12.00	5						
Pre-printed Tags (sticks of 10)	V7-MP5 ⑤	2.70	10	V7-MP ⑥	2.70	10	V7-MP ⑥	2.70	10
<b>Terminal Block Specifications</b>									
<b>Approvals</b>	UL	UL	IEC	UL	UL	IEC	UL	UL	IEC
Voltage Rating	600V AC/DC	600V AC/DC	800V AC/DC	600V AC/DC	600V AC/DC	800V AC/DC	600V AC/DC	600V AC/DC	800V AC/DC
Maximum Current	20 A	20 A	24 A	30 A	30 A	32 A	40 A	40 A	41 A
Wire Range (Rated Cross Section)	#22...#14 AWG	#30...#14 AWG	0.5...2.5mm <sup>2</sup>	#22...#10 AWG	#22...#10 AWG	0.5...4mm <sup>2</sup>	#22...#10 AWG	#22...#10 AWG	0.5...6mm <sup>2</sup>
Wire Strip Length	0.39" (10 mm)			0.35" (9 mm)			0.47" (12 mm)		
Recommended Tightening Torque	5.0...5.6 lb-in. (0.6 Nm)			5.0...5.6 lb-in. (0.6 Nm)			5.6...6.8 lb-in. (0.7 Nm)		
Density	61 pcs./ft (200/m)			50 pcs./ft (166/m)			43 pcs./ft (142/m)		
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32			Fits all types shown on page N32		

① Special order with minimum quantities may be required for certain terminal colors.

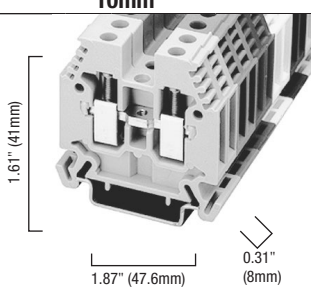
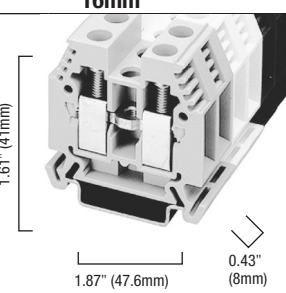




② May only be used as a marking surface. Cannot be installed over a center jumper.

③ Specially designed to fit the screws on V7-W3, W4 and W6 terminals.

④ Custom marking tags available. See page N45 for full offering.

⑤ Catalog number is not complete. See pages N42...N43.

### Standard Feed-Through Blocks ①

Ordering and Technical Information ①	10mm <sup>2</sup>			16mm <sup>2</sup>		
						
	Single circuit terminal block			Single circuit terminal block		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
Terminal - Gray Red Blue Black Green Yellow Orange White Brown	V7-W10	4.00	50	V7-W16S	6.90	50
	V7-W10-RE	4.10	50	V7-W16S-RE	7.20	50
	V7-W10-B	4.10	50	V7-W16S-B	7.20	50
	V7-W10-BL	4.10	50	V7-W16S-BL	7.20	50
	V7-W10-G	4.10	50	V7-W16S-G	7.20	50
	V7-W10-Y	4.10	50	V7-W16S-Y	7.20	50
	V7-W10-OR	4.10	50	V7-W16S-OR	7.20	50
	V7-W10-W	4.10	50	V7-W16S-W	7.20	50
	V7-W10-BR	4.10	50	V7-W16S-BR	7.20	50
	<b>Accessories (also see pages N26 to N31)</b>					
End Barrier	V7-EB10	1.20	50	V7-EB10	1.20	50
End Anchors DIN Rail — Normal Duty DIN Rail — Heavy Duty DIN Rail — Snap-in	V7-EA35	1.75	50	V7-EA35	1.75	50
	V7-EAH35	7.00	10	V7-EAH35	7.00	10
	V7-ER35	1.80	50	V7-ER35	1.80	50
Jumpers Side Jumper – 10-pole Insulated Center Jumper – 40-pole Center Jumper – 10-pole Center Jumper – 3-pole Center Jumper – 2-pole Center Jumper Link Center Jumper Cover – White ②	V7-SJ8-10	8.40	10			
	V7-CJ8-40	42.00	5			
	V7-CJ8-10	12.20	10	V7-CJS11-10	23.75	10
	V7-CJ8-3	4.10	10	V7-CJS11-3	7.10	10
	V7-CJ8-2	3.10	10	V7-CJS11-2	5.30	10
	V7-CJL8	1.35	10			
	V7-CJCW6	5.30	20			
Other Accessories Partition Plate Test Plug Test Plug Adapter Electrical Warning Plate (1-pole) Group Marking Carrier	V7-PP10	1.80	50	V7-PP10	1.80	50
	V7-TP28	8.90	10			
	V7-TA40	17.75	10			
	V7-EWP8-4	3.00	10			
	V7-GM35	3.60	10	V7-GM35	3.60	1
Marking Systems ③ Blank Tags (cards of 100) Pre-printed Tags (sticks of 10)	V7-SM8X12	12.00	5	V7-SM6X12	12.00	5
	V7-MP ④	2.70	10	V7-MP ④	2.70	10
<b>Terminal Block Specifications</b>						
Approvals			IEC			IEC
Voltage Rating	600V	600V	800V	600V	600V	800V
	AC/DC	AC/DC	AC/DC	AC/DC	AC/DC	AC/DC
Maximum Current	50 A	50 A	57 A	85 A	85 A	76 A
Wire Range (Rated Cross Section)	#22...	#22...	0.5...10	#14...	#14...	2.5...16
	#8 AWG	#8 AWG	mm <sup>2</sup>	#4 AWG	#4 AWG	mm <sup>2</sup>
Wire Strip Length	0.51" (13 mm)			0.51" (13 mm)		
Recommended Tightening Torque	12.2...13.4 lb-in. (1.4 Nm)			18...20 lb-in. (2.1 Nm)		
Density	38 pcs./ft (125/m)			27 pcs./ft (90/m)		
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32		

① Special order with minimum quantities may be required for certain terminal colors.

② May only be used as a marking surface. Cannot be installed over a center jumper.

③ Custom marking tags available. See page N45 for full offering.

④ Catalog number is not complete. See pages N42...N43.

**Standard Feed-Through Blocks ①**

Ordering and Technical Information ①	35mm <sup>2</sup>			70mm <sup>2</sup>		
	Single circuit terminal block			Single circuit terminal block		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
Terminal - Gray	V7-W35	15	10	V7-W70	44	5
Blue	V7-W35-B	16	10	V7-W70-B	44	5
<b>Accessories (also see pages N26 to N31)</b>						
<b>End Barrier</b>	V7-EB35	2.25	25	Not Required		
<b>End Anchors</b>						
DIN Rail — Normal Duty	V7-EA35	1.75	50			
DIN Rail — Heavy Duty	V7-EAH35	7.00	10	V7-EAH35	7.00	10
DIN Rail — Snap-in	V7-ER35	1.80	50			
<b>Jumpers</b>						
Center Jumper – 3-pole	V7-CJ14-3	8.70	10			
Center Jumper – 2-pole	V7-CJ14-2	5.80	10			
<b>Other Accessories</b>						
Partition Plate	V7-PP35	2.50	25			
Group Marking Carrier	V7-GM35	3.60	10	V7-GM35	3.60	10
<b>Marking Systems ②</b>						
Blank Tags (cards of 100)	V7-SM6X12	12.00	5	V7-SM6X12	12.00	5
Pre-printed Tags (sticks of 10)	V7-MP ③	2.70	10	V7-MP ③	2.70	10
<b>Terminal Block Specifications</b>						
<b>Approvals</b>	UL	UL	IEC	UL	UL	IEC
Voltage Rating	600V AC/DC	600V AC/DC	750V AC/DC	600V AC/DC	600V AC/DC	750V AC/DC
Maximum Current	140 A	125 A	138 A	310 A	200 A	175 A
Wire Range (Rated Cross Section)	#14... #1/0 AWG	#14... #1/0 AWG	2.5...35 mm <sup>2</sup>	#4... #3/0 AWG	#4... #3/0 AWG	4...70 mm <sup>2</sup>
Wire Strip Length	0.67" (17 mm)			1.02" (26 mm)		
Recommended Tightening Torque	22.1lb-in. (2.5 Nm)			132.8 lb-in. (15 Nm)		
Density	21 pcs./ft (71/m)			13 pcs./ft (43/m)		
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32		

① Special order with minimum quantities may be required for certain terminal colors.

② Custom marking tags available. See page N45 for full offering.

③ Catalog number is not complete. See pages N42...N43.

### Specialty Feed-Through Blocks

Ordering and Technical Information ①	2.5mm <sup>2</sup>			4mm <sup>2</sup>			6mm <sup>2</sup>		
	Two circuit terminal block			Two circuit terminal block			Two circuit terminal block		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
Terminal - Gray Blue	V7-WD3	6.50	50	V7-WD4 V7-WD4-B ①	6.00 6.20	50 50	V7-WD6	11.50	20
<b>Accessories (also see pages N26 to N31)</b>									
End Barrier	V7-EBD3	1.95	50	V7-EBD3	1.95	50	V7-EBD6	2.25	50
End Anchors									
DIN Rail — Normal Duty	V7-EA35	1.75	50	V7-EA35	1.75	50	V7-EA35	1.75	50
DIN Rail — Heavy Duty	V7-EAH35	7.00	10	V7-EAH35	7.00	10	V7-EAH35	7.00	10
DIN Rail — Snap-in	V7-ER35	1.80	50	V7-ER35	1.80	50	V7-ER35	1.80	50
Jumpers									
Side Jumper – 10-pole	V7-SJ5-10	3.60	10	V7-SJ6-10	4.45	10			
Center Jumper – 50-pole	V7-CJD5-50	42.00	5	V7-CJD6-50	37.00	5			
Center Jumper – 40-pole							V7-CJ7-40	37.00	5
Center Jumper – 10-pole	V7-CJD5-10	10.00	10	V7-CJD6-10	9.40	10	V7-CJ7-10	11.00	10
Center Jumper – 3-pole	V7-CJD5-3	3.80	10	V7-CJD6-3	3.50	10	V7-CJ7-3	4.10	10
Center Jumper – 2-pole	V7-CJD5-2	2.60	10	V7-CJD6-2	2.40	10	V7-CJ7-2	2.90	10
Center Jumper Link	V7-CJL5	1.35	10	V7-CJDL6	1.35	10	V7-CJL7	1.35	10
Other Accessories									
Partition Plate	V7-PPD3	2.25	50	V7-PPD3	2.25	50	V7-PPD6	2.25	50
Separation Plate	V7-SPD3	.90	50	V7-SPD3	.90	50			
Test Plug				V7-TP28	8.90	10	V7-TP28	8.90	10
Test Plug Adapter	V7-TA285	17.75	10	V7-TA40	17.75	10	V7-TA40	17.75	10
Electrical Warning Plate (1-pole)	V7-EWP5-4	2.25	10	V7-EWP6-4	2.25	10	V7-EWP7-4	2.25	10
Group Marking Carrier	V7-GM35	3.60	10	V7-GM35	3.60	10	V7-GM35	3.60	5
Marking Systems ②									
Blank Tags (cards of 100)	V7-SM5X9	12.00	5	V7-SM6X9	12.00	5	V7-SM6X12	12.00	5
Pre-printed Tags (sticks of 10)	V7-MP5 ③	2.70	10	V7-MP ③	2.70	10	V7-MP ③	2.70	10
<b>Terminal Block Specifications</b>									
Approvals	UL	UL	IEC	UL	UL	IEC	UL	UL	IEC
Voltage Rating	300V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	300V AC/DC	550V AC/DC
Maximum Current	15 A	15 A	24 A	20 A	20 A	32 A	55 A	50 A	41 A
Wire Range (Rated Cross Section)	#22... #14 AWG	#30... #14 AWG	0.5...2.5 2.5mm <sup>2</sup>	#22... #12 AWG	#22... #10 AWG	0.5...4 4mm <sup>2</sup>	#18... #8 AWG	#18... #8 AWG	0.5...6 mm <sup>2</sup>
Wire Strip Length	0.39" (10 mm)			0.39" (9 mm)			0.35" (9 mm)		
Recommended Tightening Torque	5.0...5.6 lb-in. (0.6 Nm)			5.0...5.6 lb-in. (0.6 Nm)			6.2 lb-in. (0.7 Nm)		
Density	60 pcs./ft (200/m)			50 pcs./ft (166/m)			43 pcs./ft (142/m)		
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32			Fits all types shown on page N32		

① Special order with minimum quantities may be required for certain terminal colors.

② Custom marking tags available. See page N45 for full offering.

③ Catalog number is not complete. See pages N42...N43.

**Specialty Feed-Through Blocks ①**

Ordering and Technical Information ①	2.5mm <sup>2</sup>			2.5mm <sup>2</sup>		
	Single circuit three conductor terminal block			Single circuit terminal block with terminals on common side.		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
Terminal - Gray	V7-W3TW	4.70	50	V7-WR3	4.70	50
Blue	V7-W3TW-B	4.90	50			
Accessories (also see pages N26 to N31)						
End Barrier	V7-EB3TW	1.35	50	V7-EBR3	1.35	50
End Anchors						
DIN Rail — Normal Duty	V7-EA35	1.75	50	V7-EA35	1.75	50
DIN Rail — Heavy Duty	V7-EAH35	7.00	10	V7-EAH35	7.00	10
DIN Rail — Snap-in	V7-ER35	1.80	50	V7-ER35	1.80	50
Jumpers						
Side Jumper – 10-pole Insulated	V7-SJ5-10 ②	3.60	10	V7-SJ5-10	3.60	10
Center Jumper – 50-pole	V7-CJ5-50	42.00	5	V7-CJD5-50	42.00	5
Center Jumper – 10-pole	V7-CJ5-10	8.90	10	V7-CJD5-10	10.00	10
Center Jumper – 3-pole	V7-CJ5-3	3.30	10	V7-CJD5-3	3.80	10
Center Jumper – 2-pole	V7-CJ5-2	2.25	10	V7-CJD5-2	2.60	10
Center Jumper Link	V7-CJL5	1.35	10	V7-CJL5	1.35	10
Center Jumper Cover – White ③	V7-CJCW5	5.30	20	V7-CJCW5	5.30	20
Other Accessories						
Partition Plate	V7-PP10	1.80	50	V7-EBR3	1.35	50
Test Plug Adapter	V7-TA285	17.75	10	V7-TA285	17.75	10
Electrical Warning Plate (1-pole)	V7-EWP5-4	2.25	10	V7-EWP5-4	2.25	10
Group Marking Carrier	V7-GM35	3.60	10	V7-GM35	3.60	10
Marking Systems ④						
Blank Tags (cards of 100)	V7-SM5X9	12.00	5	V7-SM5X9	12.00	5
Pre-printed Tags (sticks of 10)	V7-MP5 ⑤	2.70	10	V7-MP5 ⑤	2.70	10
Terminal Block Specifications						
Approvals	UL	UL	IEC	UL	UL	IEC
Voltage Rating	600V AC/DC	600V AC/DC	800V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC
Maximum Current	15 A	15 A	24 A	15 A	15 A	24 A
Wire Range (Rated Cross Section)	#22... #14 AWG	#30... #14 AWG	0.5...2.5 mm <sup>2</sup>	#22... #14 AWG	#22... #14 AWG	0.5...2.5 mm <sup>2</sup>
Wire Strip Length	0.35" (9 mm)			0.39" (10 mm)		
Recommended Tightening Torque	4.2...4.6 lb-in. (0.5 Nm)			5.0...5.6 lb-in. (0.6 Nm)		
Density	61 pcs./ft (200/m)			61 pcs./ft (200/m)		
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32		

① Special order with minimum quantities may be required for certain terminal colors.

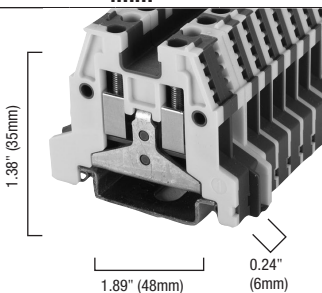
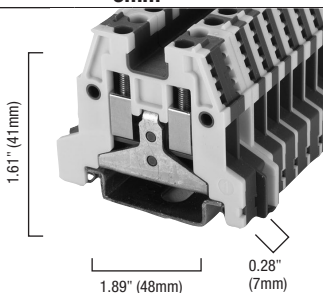
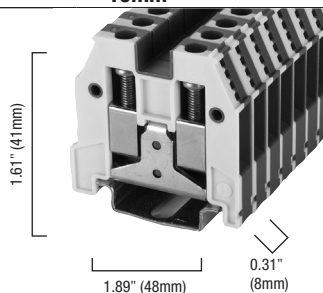






② Use side jumpers on the single conductor side only.

③ May only be used as a marking surface. Cannot be installed over a center jumper.

④ Custom marking tags available. See page N45 for full offering.

⑤ Catalog number is not complete. See pages N42...N43.

### Grounding Blocks

Ordering and Technical Information ①	4mm <sup>2</sup>			6mm <sup>2</sup>			10mm <sup>2</sup>		
									
	1.38" (35mm) 1.89" (48mm) 0.24" (6mm)			1.61" (41mm) 1.89" (48mm) 0.28" (7mm)			1.61" (41mm) 1.89" (48mm) 0.31" (8mm)		
	Single circuit grounding terminal block			Single circuit grounding terminal block			Single circuit grounding terminal block		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
Terminal - green/yellow	V7-WG4	9.00	50	V7-WG6	9.50	50	V7-WG10S	11.50	10
<b>Accessories (also see pages N26 to N31)</b>									
End Barrier	V7-EB3-Y	1.95	50	V7-EB10-Y	1.50	50	V7-EB10-Y	1.50	50
End Anchors									
DIN Rail — Normal Duty	V7-EA35	1.75	50	V7-EA35	1.75	50	V7-EA35	1.75	50
DIN Rail — Heavy Duty	V7-EAH35	7.00	10	V7-EAH35	7.00	10	V7-EAH35	7.00	10
DIN Rail — Snap-in	V7-ER35	1.80	50	V7-ER35	1.80	50	V7-ER35	1.80	50
Other Accessories									
Group Marking Carrier	V7-GM35	3.60	10	V7-GM35	3.60	10	V7-GM35	3.60	10
Marking Systems ②									
Blank Tags (cards of 100)	V7-SM6X12	12.00	5	V7-SM6X12	12.00	5	V7-SM8X12	12.00	5
Pre-printed Tags (sticks of 10)	V7-MP ③	2.70	10	V7-MP ③	2.70	10			
<b>Terminal Block Specifications</b>									
Approvals			IEC			IEC			IEC
Voltage Rating	~	~	~	~	~	~	~	~	~
Maximum Current	Grounding			Grounding			Grounding		
Wire Range (Rated Cross Section)	#22... #14 AWG	#22... #12 AWG	4 mm <sup>2</sup>	#22... #10 AWG	#22... #10 AWG	6 mm <sup>2</sup>	#22... #8 AWG	#22... #8 AWG	10 mm <sup>2</sup>
Wire Strip Length	0.43" (11 mm)			0.47" (12 mm)			0.43" (11 mm)		
Recommended Tightening Torque	5.6...6.8 lb-in. (0.7 Nm)			5.6...6.8 lb-in. (0.7 Nm)			7.1 lb-in. (0.8 Nm)		
Density	50 pcs./ft (166/m)			43 pcs./ft (142/m)			38 pcs./ft (125/m)		
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32			Fits all types shown on page N32		

① Refer to pages N24...N29 for a listing of all V7-W accessories.

② Custom marking tags available. See page N45 for full offering.

③ Catalog number is not complete. See pages N42...N43.

**Grounding Blocks**

Ordering and Technical Information ①	16mm <sup>2</sup>			35mm <sup>2</sup>			70mm <sup>2</sup>		
	Single circuit grounding terminal block			Single circuit grounding terminal block			Single circuit grounding terminal block		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
Terminal - green/yellow	V7-WG16	16.00	10	V7-WG35	21.25	10	V7-WG70	50.00	5
<b>Accessories (also see pages N26 to N31)</b>									
End Barrier	Not Required			Not Required			Not Required		
End Anchors									
DIN Rail — Normal Duty	Not Required			Not Required			Not Required		
DIN Rail — Heavy Duty	Not Required			Not Required			Not Required		
Other Accessories									
Group Marking Carrier	V7-GM35	3.60	10	V7-GM35	3.60	10	V7-GM35	3.60	10
Marking Systems ②									
Blank Tags (cards of 100)	V7-SM6X12	12.00	5	V7-SM6X12	12.00	5	V7-SM6X12	12.00	5
Pre-printed Tags (sticks of 10)	V7-MP ③	2.70	10	V7-MP ③	2.70	10	V7-MP ③	2.70	10
<b>Terminal Block Specifications</b>									
Approvals			IEC			IEC			IEC
Voltage Rating	~			~			~		
Maximum Current	Grounding			Grounding			Grounding		
Wire Range (Rated Cross Section)	#10... #4 AWG	#10... #4 AWG	16 mm <sup>2</sup>	#6... #1/0 AWG	#6... #1/0 AWG	35 mm <sup>2</sup>	#4... #2/0 AWG	#4... #2/0 AWG	70 mm <sup>2</sup>
Wire Strip Length	0.70" (18 mm)			0.83" (21 mm)			1.02" (26 mm)		
Recommended Tightening Torque	22.1 lb-in. (2.5 Nm)			44.3 lb-in. (5.0 Nm)			132 lb-in. (15 Nm)		
Density	23 pcs./ft (76/m)			16 pcs./ft (55/m)			13 pcs./ft (42/m)		
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32			Fits all types shown on page N32		

① Refer to pages N24...N29 for a listing of all V7-W accessories.  
 ② Custom marking tags available. See page N45 for full offering.  
 ③ Catalog number is not complete. See pages N42...N43.

### Two Level Grounding Block

<b>Ordering and Technical Information</b> <b>①</b>			
	Two level grounding terminal block		
	<b>Catalog Number</b>	<b>Price Ea. (Std Pkg)</b>	<b>Pkg. Qty</b>
Terminal - green/yellow	V7-WDG4C	11.50	50
<b>Accessories (also see pages N26 to N31)</b>			
<b>End Barrier</b>	V7-EBD3-Y	1.95	50
<b>End Anchors</b>			
DIN Rail — Normal Duty	V7-EA35	1.75	50
DIN Rail — Heavy Duty	V7-EAH35	7.00	10
DIN Rail — Snap-in	V7-ER35	1.80	50
<b>Jumpers</b>			
Side Jumper - 10 pole insulated	V7-SJ6-10	4.45	10
<b>Other Accessories</b>			
Partition Plate	V7-PPD3	2.25	50
Group Marking Carrier	V7-GM35	3.60	10
<b>Marking Systems ②</b>			
Blank Tags (cards of 100)	V7-SM6X9	12.00	5
Pre-printed Tags (sticks of 10)	V7-MP ③	2.70	10
<b>Terminal Block Specifications</b>			
<b>Approvals</b>		IEC	
Voltage Rating	300V AC/DC	500V AC/DC	
Maximum Current	20A	32A	
Wire Range (Rated Cross Section)	#22...12 AWG	0.05...4mm <sup>2</sup>	
Wire Strip Length	0.39" (10mm)		
Recommended Tightening Torque	5.0...5.6 lb-in. (0.6 Nm)		
Density	50 pcs./ft (166/m)		
Insulation Temperature Range	-40°...+195°F (-40°...90°C)		
Mounting Rail	Fits all types shown on page N32		

**①** Refer to pages N24...N29 for a listing of all V7-W accessories.  
**②** Custom marking tags available. See page N45 for full offering.  
**③** Catalog number is not complete. See pages N42...N43.

**Fuse Blocks**

Ordering and Technical Information ①	4mm <sup>2</sup>			4mm <sup>2</sup>			4mm <sup>2</sup>		
	Single circuit fuse block			Single circuit fuse block with LED blown fuse indication			Single circuit fuse block with neon blown fuse indication		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
Terminal	V7-WFB4	14.00	50	V7-WFB424	26.25	50	V7-WFB4250	26.25	50
<b>Accessories (also see pages N26 - N31)</b>									
End Barrier	Not Required			Not Required			Not Required		
End Anchors									
DIN Rail — Normal Duty	V7-EA35	1.75	50	V7-EA35	1.75	50	V7-EA35	1.75	50
DIN Rail — Heavy Duty	V7-EAH35	7.00	10	V7-EAH35	7.00	10	V7-EAH35	7.00	10
DIN Rail — Snap-in	V7-ER35	1.80	50	V7-ER35	1.80	50	V7-ER35	1.80	50
Jumpers									
Side Jumper – 10-pole	V7-SJFB8-10	8.40	10	V7-SJFB8-10	8.40	10	V7-SJFB8-10	8.40	10
Other Accessories									
Partition Plate	V7-PPSL3	1.95	50	V7-PPSL3	1.95	50	V7-PPSL3	1.95	50
Group Marking Carrier	V7-GM35	3.60	10	V7-GM35	3.60	10	V7-GM35	3.60	10
Marking Systems ②									
Blank Tags (cards of 100)	V7-SM8X12	12.00	5	V7-SM8X12	12.00	5	V7-SM8X12	12.00	5
For Handle	V7-SM6X9	12.00	5	V7-SM6X9	12.00	5	V7-SM6X9	12.00	5
Pre-printed Tags (sticks of 10)	V7-MP ③	2.70	10	V7-MP ③	2.70	10	V7-MP ③	2.70	10
<b>Terminal Block Specifications</b>									
Approvals			IEC			IEC			IEC
Voltage Rating	300V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC
Maximum Current	15 A	15 A	15 A ④	15 A	15 A	15 A ④	15 A	15 A	15 A ④
Wire Range (Rated Cross Section)	#22... #12 AWG	#22... #12 AWG	0.05...4 mm <sup>2</sup>	#22... #12 AWG	#22... #12 AWG	0.05...4 mm <sup>2</sup>	#22... #12 AWG	#22... #12 AWG	0.05...4 mm <sup>2</sup>
Indicator Type	Non-Indicating			LED			Neon		
Leakage Current	~			2m A @ 24V			1m A @ 264V AC		
Working Voltage	Per Fuse Rating			10...57V AC/DC			85...264V AC		
Fuse Size (Not Supplied)	5 x 20 mm			5 x 20 mm			5 x 20 mm		
Wire Strip Length	0.31" (8mm)			0.31" (8mm)			0.31" (8mm)		
Recommended Tightening Torque	5.0...5.6 lb.-in. (0.6 Nm)			5.0...5.6 lb.-in. (0.6 Nm)			5.0...5.6 lb.-in. (0.6 Nm)		
Density	38 pcs./ft (125/m)			38 pcs./ft (125/m)			38 pcs./ft (125/m)		
Insulation Temperature Range	-40°...+195°F (-40...+90° C)			-40°...+195°F (-40...+90° C)			-40°...+195°F (-40...+90° C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32			Fits all types shown on page N32		

① Refer to pages N24...N29 for a listing of all V7-W accessories.  
 ② Custom marking tags available. See page N45 for full offering.  
 ③ Catalog number is not complete. See pages N42...N43.  
 ④ IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

### Fuse Blocks

Ordering and Technical Information ①	4mm <sup>2</sup>			4mm <sup>2</sup>			4mm <sup>2</sup>		
	Single circuit fusible terminal block with neon blown fuse indicator			Single circuit fusible terminal block with LED blown fuse indicator			Single circuit fusible terminal block without a blown fuse indicator		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
Terminal	V7-H4	19.00	25	V7-H5	26.25	25	V7-H6	14.00	25
<b>Accessories (also see pages N26 - N31)</b>									
End Barrier	V7-N37	1.50	50	V7-N37	1.50	50	V7-N37	1.50	50
End Anchors									
DIN Rail — Normal Duty	V7-EA35	1.75	50	V7-EA35	1.75	50	V7-EA35	1.75	50
DIN Rail — Heavy Duty	V7-EAH35	7.00	10	V7-EAH35	7.00	10	V7-EAH35	7.00	10
DIN Rail — Snap-in	V7-ER35	1.80	50	V7-ER35	1.80	50	V7-ER35	1.80	50
Jumpers									
Side Jumper – 10-pole Uninsulated	V7-N49	6.10	10	V7-N49	6.10	10	V7-N49	6.10	10
Side Jumper – Insulating Sleeve	V7-SJS	2.70	10	V7-SJS	2.70	10	V7-SJS	2.70	10
Other Accessories									
Group Marking Carrier	V7-GM35	3.60	10	V7-GM35	3.60	10	V7-GM35	3.60	10
Marking Systems ②									
Blank Tags (cards of 100)	V7-SM8X12	12.00	5	V7-SM8X12	12.00	5	V7-SM8X12	12.00	5
<b>Terminal Block Specifications</b>									
Approvals			IEC			IEC			IEC
Voltage Rating	300V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC
Maximum Current	12 A	12 A	12 A	12 A	12 A	12 A	12 A	12 A	12 A
Wire Range (Rated Cross Section)	#30... #12 AWG	#30... #12 AWG	0.05...2.5 mm <sup>2</sup>	#30... #12 AWG	#30... #12 AWG	0.05...4 mm <sup>2</sup>	#30... #12 AWG	#30... #12 AWG	0.05...4 mm <sup>2</sup>
Indicator Type	Neon			LED			Non-Indicating		
Leakage Current	2m A @ 300V			2m A @ 24V					
Working Voltage	100...300V AC/DC			10...57V AC/DC			Per Fuse Rating		
Fuse Size (Not Supplied)	1/4" x 1-1/4"			1/4" x 1-1/4"			1/4" x 1-1/4"		
Wire Strip Length	0.38" (9.7 mm)			0.38" (9.7 mm)			0.38" (9.7 mm)		
Recommended Tightening Torque	3...7 lb.-in. (0.3...0.8 Nm)			3...7 lb.-in. (0.3...0.8 Nm)			3...7 lb.-in. (0.3...0.8 Nm)		
Density	33 pcs./ft (109/m)			33 pcs./ft (109/m)			33 pcs./ft (109/m)		
Insulation Temperature Range	-40°...+221°F (-40...+105° C)			-40°...+221°F (-40...+105° C)			-40°...+221°F (-40...+105° C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32			Fits all types shown on page N32		

① Refer to pages N24...N29 for a listing of all V7-W accessories.


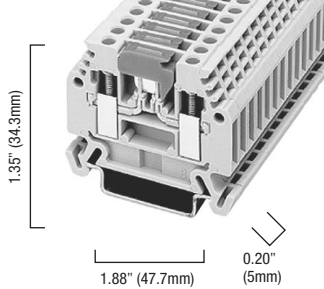
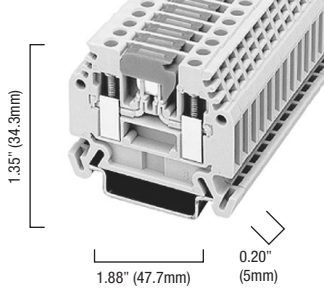
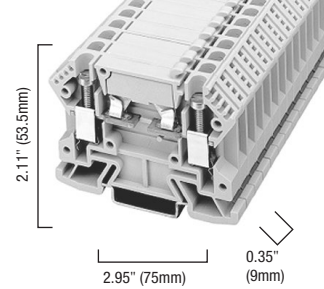










② Custom marking tags available. See page N45 for full offering.




**Fuse Blocks**

Ordering and Technical Information ①	4mm <sup>2</sup>			4mm <sup>2</sup>		
	Single circuit fuse block			Single circuit fuse block		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
<b>Terminal</b>	<b>V7-WFB10V</b>	<b>16.75</b>	<b>25</b>	<b>V7-WFB10VA</b>	<b>16.75</b>	<b>25</b>
<b>Accessories (also see pages N26 to N31)</b>						
<b>End Barrier</b>	<b>V7-EBFB10V</b>	<b>1.95</b>	<b>50</b>	<b>V7-EBFB10V</b>	<b>1.95</b>	<b>50</b>
<b>End Anchors</b>						
DIN Rail — Normal Duty	<b>V7-EA35</b>	<b>1.75</b>	<b>50</b>	<b>V7-EA35</b>	<b>1.75</b>	<b>50</b>
DIN Rail — Heavy Duty	<b>V7-EAH35</b>	<b>7.00</b>	<b>10</b>	<b>V7-EAH35</b>	<b>7.00</b>	<b>10</b>
DIN Rail — Snap-in	<b>V7-ER35</b>	<b>1.80</b>	<b>50</b>	<b>V7-ER35</b>	<b>1.80</b>	<b>50</b>
<b>Other Accessories</b>						
Replacement Fuse Knob	<b>V7-FCA</b>	<b>5.25</b>	<b>5</b>	<b>V7-FCA</b>	<b>5.25</b>	<b>5</b>
Group Marking Carrier	<b>V7-GM35</b>	<b>3.60</b>	<b>10</b>	<b>V7-GM35</b>	<b>3.60</b>	<b>10</b>
<b>Marking Systems ②</b>						
Blank Tags (cards of 100)	<b>V7-SM6X12</b>	<b>12.00</b>	<b>5</b>	<b>V7-SM6X12</b>	<b>12.00</b>	<b>5</b>
Pre-printed Tags (sticks of 10)	<b>V7-MP ③</b>	<b>2.70</b>	<b>10</b>	<b>V7-MP ③</b>	<b>2.70</b>	<b>10</b>
<b>Terminal Block Specifications</b>						
<b>Approvals</b>	<b>cULus</b>	<b>IEC</b>	<b>cULus</b>	<b>IEC</b>		
Voltage Rating	300V AC/DC	250V AC/DC	300V AC/DC	250V AC/DC		
Maximum Current	10 A	10 A	10 A	10 A		
Wire Range (Rated Cross Section)	#20...8 AWG	10mm <sup>2</sup>	#20...8 AWG	10mm <sup>2</sup>		
Indicator Type	Non-Indicating		Non-Indicating			
Leakage Current	~		~			
Working Voltage	Per Fuse Rating		Per Fuse Rating			
Fuse Size (Not Supplied)	5 x 20 mm		1/4 in. x 1-1/4 in. (6.3 x 32mm)			
Wire Strip Length	0.51" (13 mm)		0.51" (13 mm)			
Recommended Tightening Torque	13 lb-in. (1.5 Nm)		13 lb-in. (1.5 Nm)			
Density	23 pcs./ft (75/m)		23 pcs./ft (75/m)			
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)		-40°...+195°F (-40°...+90°C)			
Mounting Rail	Fits all types shown on page N32		Fits all types shown on page N32			

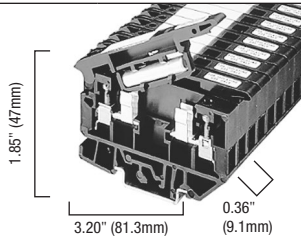


- ① Refer to pages N24...N29 for a listing of all V7-W accessories.
- ② Custom marking tags available. See page N45 for full offering.
- ③ Catalog number is not complete. See pages N42...N43.

### Isolation Blocks

Ordering and Technical Information 	2.5mm <sup>2</sup>			2.5mm <sup>2</sup>			6mm <sup>2</sup>		
									
	Knife style isolating terminal block			Knife style isolating terminal block with test plug screws			Knife style isolating terminal block		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
Terminal - Gray	V7-WKD3	7.90	50	V7-WKD3TP	9.70	50	V7-WKD6	21.25	20
<b>Accessories (also see pages N26 to N31)</b>									
End Barrier	V7-EBKD3	1.20	50	V7-EBKD3	1.20	50	Not Required		
End Anchors									
DIN Rail — Normal Duty	V7-EA35	1.75	50	V7-EA35	1.75	50	V7-EA35	1.75	50
DIN Rail — Heavy Duty	V7-EAH35	7.00	10	V7-EAH35	7.00	10	V7-EAH35	7.00	10
DIN Rail — Snap-in	V7-ER35	1.80	50	V7-ER35	1.80	50	V7-ER35	1.80	50
Jumpers									
Side jumper - 10-pole insulated	V7-SJ5-10	3.60	10	V7-SJ5-10	3.60	10			
Other Accessories									
Partition Plate	V7-PPSL3	1.95	50	V7-PPSL3	1.95	50			
Test Plug				V7-TP15	17.75	10			
Group Marking Carrier	V7-GM35	3.60	10	V7-GM35	3.60	10	V7-GM35	3.60	10
Marking Systems 									
Blank Tags (cards of 100)	V7-SM5X9	12.00	5	V7-SM5X9	12.00	5	V7-SM6X12	12.00	5
Pre-printed Tags (sticks of 10)	V7-MP5 	2.70	10	V7-MP5 	2.70	10	V7-MP5 	2.70	10
<b>Terminal Block Specifications</b>									
Approvals			IEC			IEC			IEC
Voltage Rating	600V AC/DC	600V AC/DC	800V AC/DC	300V AC/DC	300V AC/DC	800V AC/DC	600V AC/DC	600V AC/DC	800V AC/DC
Maximum Current	15A	15A	15A	15A	15A	15A	30A	30A	32A
Wire Range (Rated Cross Section)	#22... #14 AWG	#22... #14 AWG	0.5...2.5 mm <sup>2</sup>	#22... #14 AWG	#22... #14 AWG	0.5...2.5 mm <sup>2</sup>	#18... #10 AWG	#18... #10 AWG	0.5...6 mm <sup>2</sup>
Wire Strip Length	0.35" (9 mm)			0.35" (9 mm)			0.55" (14 mm)		
Recommended Tightening Torque	5.0...5.6 lb-in. (0.6 Nm)			5.0...5.6 lb-in. (0.6 Nm)			7.1 lb-in. (0.8 Nm)		
Density	61 pcs./ft (200/m)			61 pcs./ft (200/m)			33 pcs./ft (111/m)		
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32			Fits all types shown on page N32		

 Refer to pages N24-29 for a listing of all V7-W accessories.  
 Custom marking tags available. See page N45 for full offering.  
 Catalog number is not complete. See pages N42...N43.

**Isolation Blocks**

<b>Ordering and Technical Information</b> <b>1</b>	<b>4mm<sup>2</sup></b>		
			
	Handle style isolating terminal block		
	<b>Catalog Number</b>	<b>Price Ea. (Std Pkg)</b>	<b>Pkg. Qty</b>
<b>Terminal - Black</b>	<b>V7-H7</b>	<b>15.25</b>	<b>25</b>
<b>Accessories (also see pages N26 to N31)</b>			
<b>End Barrier</b>	<b>V7-N37</b>	<b>1.50</b>	<b>50</b>
<b>End Anchors</b>			
DIN Rail — Normal Duty	<b>V7-EA35</b>	<b>1.75</b>	<b>50</b>
DIN Rail — Heavy Duty	<b>V7-EAH35</b>	<b>7.00</b>	<b>10</b>
DIN Rail — Snap-in	<b>V7-ER35</b>	<b>1.80</b>	<b>50</b>
<b>Jumpers</b>			
Side Jumper - 10 pole Uninsulated	<b>V7-N49</b>	<b>6.10</b>	<b>10</b>
Side Jumper - Insulating Sleeve	<b>V7-SJS</b>	<b>2.70</b>	<b>10</b>
<b>Other Accessories</b>			
Group Marking Carrier	<b>V7-GM35</b>	<b>3.60</b>	<b>10</b>
<b>Marking Systems 2</b>			
Blank Tags (cards of 100)	<b>V7-SM8X12</b>	<b>12.00</b>	<b>5</b>
<b>Terminal Block Specifications</b>			
<b>Approvals</b>			<b>IEC</b>
Voltage Rating	300V AC/DC	300V AC/DC	500V AC/DC
Maximum Current	15A	15A	15A
Wire Range (Rated Cross Section)	#30... 12 AWG	#30... 12 AWG	0.5...4 mm <sup>2</sup>
Wire Strip Length	0.38" (9.7mm)		
Recommended Tightening Torque	3...7 lb-in. (0.3...0.8 Nm)		
Density	33 pcs./ft (109/m)		
Insulation Temperature Range	-40°...+221°F (-40°...105°C)		
Mounting Rail	Fits all types shown on page N32		

1 Refer to pages N24-29 for a listing of all V7-W accessories.  
 2 Custom marking tags available. See page N45 for full offering.

### Sensor Blocks

Ordering and Technical Information ❶	2.5mm <sup>2</sup>			2.5mm <sup>2</sup>			2.5mm <sup>2</sup>		
	Three circuit terminal block			Three circuit terminal block with LED indicator for PNP devices			Three circuit terminal block with LED indicator for NPN devices		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
Terminal - Gray	V7-WTF3	9.90	50	V7-WTF3LP ❶	20.50	50	V7-WTF3LN ❶	20.50	50
<b>Accessories (also see pages N26 - N31)</b>									
End Barrier	V7-EBTF3	1.95	50	V7-EBTF3	1.95	50	V7-EBTF3	1.95	50
End Anchors									
DIN Rail — Normal Duty	V7-EA35	1.75	50	V7-EA35	1.75	50	V7-EA35	1.75	50
DIN Rail — Heavy Duty	V7-EAH35	7.00	10	V7-EAH35	7.00	10	V7-EAH35	7.00	10
DIN Rail — Snap-in	V7-ER35	1.80	50	V7-ER35	1.80	50	V7-ER35	1.80	50
Jumpers									
Side Jumper – 20-pole Insulated - Red	V7-SJT5-20-R	10.50	10	V7-SJT5-20-R	10.50	10	V7-SJT5-20-R	10.50	10
Side Jumper – 20-pole Insulated - Blue	V7-SJT5-20-B	10.50	10	V7-SJT5-20-B	10.50	10	V7-SJT5-20-B	10.50	10
Center Jumper – 50-pole	V7-CJT5-50	42.00	5	V7-CJT5-50	42.00	5	V7-CJT5-50	42.00	5
Center Jumper – 10-pole	V7-CJT5-10	10.00	10	V7-CJT5-10	10.00	10	V7-CJT5-10	10.00	10
Center Jumper Link	V7-CJL5	1.35	10	V7-CJL5	1.35	10	V7-CJL5	1.35	10
Other Accessories									
Partition Plate	V7-PPTS3	1.25	50	V7-PPTS3	1.25	50	V7-PPTS3	1.25	50
Test Plug Adaptor	V7-TA285	17.75	10	V7-TA285	17.75	10	V7-TA285	17.75	10
Electrical Warning Plate (1-pole)	V7-EWP5-4	2.25	10	V7-EWP5-4	2.25	10	V7-EWP5-4	2.25	10
Group Marking Carrier	V7-GM35	3.60	10	V7-GM35	3.60	10	V7-GM35	3.60	10
Marking Systems ❷									
Blank Tags (cards of 100) ❷	V7-SM5X9	12.00	5	V7-SM5X9	12.00	5	V7-SM5X9	12.00	5
Pre-printed Tags (sticks of 10)	V7-MP5 ❸	2.70	10	V7-MP5 ❸	2.70	10	V7-MP5 ❸	2.70	10
<b>Terminal Block Specifications</b>									
Approvals	UL	UL	IEC	UL	UL	IEC	UL	UL	IEC
Voltage Rating	300V	300V	250V AC/DC	300V AC/DC	300V AC/DC	250V AC/DC	50V AC/DC	50V AC/DC	250V AC/DC
Maximum Current	10 A	10 A	24 A	10 A	10 A	24 A	10 A	10 A	24 A
Wire Range (Rated Cross Section)	#26... #14 AWG	#26... #14 AWG	0.5...2.5 mm <sup>2</sup>	#26... #14 AWG	#26... #14 AWG	0.5...2.5 mm <sup>2</sup>	#26... #14 AWG	#26... #14 AWG	0.5...2.5 mm <sup>2</sup>
Leakage Current				2.69mA @ 50V			2.69mA @ 50V		
Wire Strip Length	0.31" (8 mm)			0.31" (8 mm)			0.31" (8 mm)		
Recommended Tightening Torque	4.2...4.6 lb-in. (0.5 Nm)			4.2...4.6 lb-in. (0.5 Nm)			4.2...4.6 lb-in. (0.5 Nm)		
Density	60 pcs./ft (197/m)			60 pcs./ft (197/m)			60 pcs./ft (197/m)		
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32			Fits all types shown on page N32		
Wiring Diagram	See page N35								

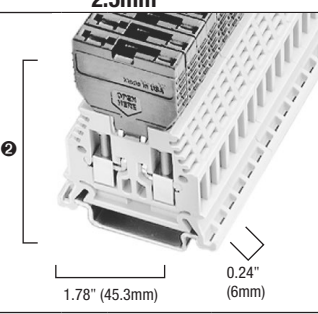
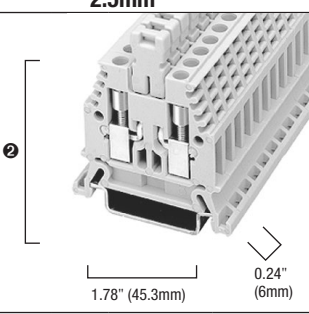




- ❶ May require special order with minimum quantities.
- ❷ Custom marking tags available. See page N45 for full offering.
- ❸ Catalog number is not complete. See pages N42...N43.

### Sensor Blocks

Ordering and Technical Information ①	2.5mm <sup>2</sup>			2.5mm <sup>2</sup>			2.5mm <sup>2</sup>		
	Three level sensor block			Three level sensor block LED indicator for PNP devices			Three level sensor block LED indicator for NPN devices		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
Terminal - Gray	V7-WTS3	9.40	50	V7-WTS3LP ①	20.00	50	V7-WTS3LN ①	20.50	50
<b>Accessories (also see pages N26 - N31)</b>									
End Barrier	V7-EBTS3	1.95	50	V7-EBTS3	1.95	50	V7-EBTS3	1.95	50
End Anchors									
DIN Rail — Normal Duty	V7-EA35	1.75	50	V7-EA35	1.75	50	V7-EA35	1.75	50
DIN Rail — Heavy Duty	V7-EAH35	7.00	10	V7-EAH35	7.00	10	V7-EAH35	7.00	10
DIN Rail — Snap-in	V7-ER35	1.80	50	V7-ER35	1.80	50	V7-ER35	1.80	50
Jumpers									
Side Jumper – 20-pole Insulated - Red	V7-SJT5-20-R	10.50	10	V7-SJT5-20-R	10.50	10	V7-SJT5-20-R	10.50	10
Side Jumper – 20-pole Insulated - Blue	V7-SJT5-20-B	10.50	10	V7-SJT5-20-B	10.50	10	V7-SJT5-20-B	10.50	10
Center Jumper – 50-pole	V7-CJT5-50	42.00	5	V7-CJT5-50	42.00	5	V7-CJT5-50	42.00	5
Center Jumper – 10-pole	V7-CJT5-10	10.00	10	V7-CJT5-10	10.00	10	V7-CJT5-10	10.00	10
Center Jumper Link	V7-CJL5	1.35	10	V7-CJL5	1.35	10	V7-CJL5	1.35	10
Other Accessories									
Partition Plate	V7-PPTS3	1.25	50	V7-PPTS3	1.25	50	V7-PPTS3	1.25	50
Test Plug Adapter	V7-TA285	17.75	10	V7-TA285	17.75	10	V7-TA285	17.75	10
Electrical Warning Plate (1-pole)	V7-EWP5-4	2.25	10	V7-EWP5-4	2.25	10	V7-EWP5-4	2.25	10
Group Marking Carrier	V7-GM35	3.60	10	V7-GM35	3.60	10	V7-GM35	3.60	10
Marking Systems ②									
Blank Tags (cards of 100) ②	V7-SM5X9	12.00	5	V7-SM5X9	12.00	5	V7-SM5X9	12.00	5
Pre-printed Tags (sticks of 10)	V7-MP5 ③	2.70	10	V7-MP5 ③	2.70	10	V7-MP5 ③	2.70	10
<b>Terminal Block Specifications</b>									
Approvals			IEC			IEC			IEC
Voltage Rating	300V	300V	250V AC/DC	300V AC/DC	300V AC/DC	250V AC/DC	300V AC/DC	300V AC/DC	250V AC/DC
Maximum Current	10 A	10 A	24 A	10 A	10 A	24 A	10 A	10 A	24 A
Wire Range (Rated Cross Section)	#26... #14 AWG	#26... #14 AWG	0.5...2.5 mm <sup>2</sup>	#26... #14 AWG	#26... #14 AWG	0.5...2.5 mm <sup>2</sup>	#26... #14 AWG	#26... #14 AWG	0.5...2.5 mm <sup>2</sup>
Leakage Current	2.69mA @ 50V			2.69mA @ 50V			2.69mA @ 50V		
Wire Strip Length	0.31" (8 mm)			0.31" (8 mm)			0.31" (8 mm)		
Recommended Tightening Torque	4.2...4.6 lb-in. (0.5 Nm)			4.2...4.6 lb-in. (0.5 Nm)			4.2...4.6 lb-in. (0.5 Nm)		
Density	60 pcs./ft (197/m)			60 pcs./ft (197/m)			60 pcs./ft (197/m)		
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32			Fits all types shown on page N32		
Wiring Diagram	See page N35								

- ① May require special order with minimum quantities.
- ② Custom marking tags available. See page N45 for full offering.
- ③ Catalog number is not complete. See pages N42...N43.

### Plug-in Style Blocks

Ordering and Technical Information <sup>①</sup>	2.5mm <sup>2</sup>			2.5mm <sup>2</sup>		
						
	Pluggable terminal block			Pluggable terminal block with test plug screws		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
<b>Terminal - Gray</b>	<b>V7-W4P</b>	<b>5.30</b>	50	<b>V7-W4PTP</b>	<b>7.00</b>	50
<b>Inserts</b>						
Disconnect Plug	<b>V7-DP4</b>	<b>2.70</b>	50	<b>V7-DP4 (shown)</b>	<b>2.70</b>	50
Component Plug	<b>V7-CP4</b> <sup>②③</sup>	<b>7.40</b>	50	<b>V7-CP4</b> <sup>②</sup>	<b>7.40</b>	50
Fuse Plug	<b>V7-FP4</b> <sup>④</sup> (shown)	<b>11.00</b>	50	<b>V7-FP4</b> <sup>④⑤</sup>	<b>11.00</b>	50
Fuse Plug w/LED Blown Fuse Indication	<b>V7-FP424</b> <sup>④⑥</sup>	<b>22.00</b>	50	<b>V7-FP424</b> <sup>④⑥</sup>	<b>22.00</b>	50
Fuse Plug w/LED Blown Fuse Indication	<b>V7-FP4250</b> <sup>④⑥</sup>	<b>22.00</b>	50	<b>V7-FP4250</b> <sup>④⑥</sup>	<b>22.00</b>	50
<b>Accessories (also see pages N26 to N31)</b>						
<b>End Barrier</b>	<b>V7-EB3</b>	<b>1.20</b>	50	<b>V7-EB3</b>	<b>1.20</b>	50
<b>End Anchors</b>						
DIN Rail — Normal Duty	<b>V7-EA35</b>	<b>1.75</b>	50	<b>V7-EA35</b>	<b>1.75</b>	50
DIN Rail — Heavy Duty	<b>V7-EAH35</b>	<b>7.00</b>	10	<b>V7-EAH35</b>	<b>7.00</b>	10
DIN Rail — Snap-in	<b>V7-ER35</b>	<b>1.80</b>	50	<b>V7-ER35</b>	<b>1.80</b>	50
<b>Jumpers</b>						
Side Jumper — 10-pole Insulated	<b>V7-SJ6-10</b>	<b>4.45</b>	10	<b>V7-SJ6-10</b>	<b>4.45</b>	10
<b>Other Accessories</b>						
Partition Plate	<b>V7-PP3</b>	<b>1.50</b>	50	<b>V7-PP3</b>	<b>1.50</b>	50
Test Plug				<b>V7-TP23</b>	<b>8.90</b>	50
Group Marking Carrier	<b>V7-GM35</b>	<b>3.60</b>	10	<b>V7-GM35</b>	<b>3.60</b>	10
<b>Marking Systems</b> <sup>⑦</sup>						
Blank Tags (cards of 100)	<b>V7-SM6X12</b>	<b>12.00</b>	5	<b>V7-SM6X12</b>	<b>12.00</b>	5
Pre-printed Tags (sticks of 10)	<b>V7-MP</b> <sup>⑦</sup>	<b>2.70</b>	10	<b>V7-MP</b> <sup>⑦</sup>	<b>2.70</b>	10
<b>Terminal Block Specifications</b>						
<b>Approvals</b>			IEC			IEC
Voltage Rating	600V AC/DC	600V AC/DC	800V AC/DC	600V AC/DC	600V AC/DC	800V AC/DC
Maximum Current	20 A	20 A	32 A	20 A	20 A	32 A
Wire Range (Rated Cross Section)	#22... #12 AWG	#22... #12 AWG	0.5...2.5 mm <sup>2</sup>	#22... #12 AWG	#22... #12 AWG	0.5...2.5 mm <sup>2</sup>
Wire Strip Length	0.35" (9mm)			0.35" (9mm)		
Recommended Tightening Torque	5.0...5.6 lb-in. (0.6 Nm)			5.0...5.6 lb-in. (0.6 Nm)		
Density	50 pcs./ft (166/m)			50 pcs./ft (166/m)		
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32		

- ① Refer to pages N24...N29 for a listing of all V7-W accessories.
- ② Overall height varies with plug-in component. For V7-DP4, use 2.5" (63.5 mm); for V7-CP4, use 2.9" (74 mm); and for V7-FP4..., use 3.1" (78 mm).
- ③ Maximum current and voltage rating of component plug is 1A @ 600V. Maximum current rating for the base terminal block is listed under Specifications.
- ④ Maximum current and voltage ratings for the fuse plug are 10A and 250V. Maximum ratings for the base blocks are listed under Specifications.
- ⑤ See page N32 for Fuse Plug Specifications.
- ⑥ Custom marking tags available. See page N45 for full offering.
- ⑦ Catalog number is not complete. See pages N42...N43.

**Multi-level Plug-in Style Blocks**

Ordering and Technical Information ①	2.5mm <sup>2</sup>			2.5mm <sup>2</sup>		
	Two level terminal block with top level capable of accepting plug-in components and lower level acting as an independent feed-through circuit			Three level terminal block with top level capable of accepting plug-in components second level acting as an independent feed-through circuit, and third level acting as a grounding circuit		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
Terminal - Gray	V7-WD4P	10.00	50	V7-WDG4P	13.50	50
<b>Inserts</b>						
Disconnect Plug	V7-DP4 (shown)	2.70	50	V7-DP4 (shown)	2.70	50
Component Plug	V7-CP4 ④	7.40	50	V7-CP4 ④	7.40	50
Fuse Plug	V7-FP4 ④⑤	11.00	50	V7-FP4 ④⑤	11.00	50
Fuse Plug w/LED Blown Fuse Indication	V7-FP424 ④⑤	22.00	50	V7-FP424 ④⑤	22.00	50
Fuse Plug w/LED Blown Fuse Indication	V7-FP4250 ④⑤	22.00	50	V7-FP4250 ④⑤	22.00	50
<b>Accessories (also see pages N26 - N31)</b>						
<b>End Barrier</b>	V7-EBD4P	2.00	50	V7-EBD4P	2.00	50
<b>End Anchors</b>						
DIN Rail — Normal Duty	V7-EA35	1.75	50	V7-EA35	1.75	50
DIN Rail — Heavy Duty	V7-EAH35	7.00	10	V7-EAH35	7.00	10
DIN Rail — Snap-in	V7-ER35	1.80	50	V7-ER35	1.80	50
<b>Jumpers</b>						
Side Jumper – 10-pole Insulated	V7-SJ6-10	4.45	10	V7-SJ6-10	4.45	10
Center Jumper – 50-pole	V7-CJD6-50	37.00	5	V7-CJD6-50	37.00	5
Center Jumper – 10-pole	V7-CJD6-10	9.40	10	V7-CJD6-10	9.40	10
Center Jumper – 3-pole	V7-CJD6-3	3.50	10	V7-CJD6-3	3.50	10
Center Jumper – 2-pole	V7-CJD6-2	2.40	10	V7-CJD6-2	2.40	10
Center Jumper Link	V7-CJDL6	1.35	10	V7-CJDL6	1.35	10
<b>Other Accessories</b>						
Test Plug	V7-TP28	8.90	10	V7-TP28	8.90	10
Test Plug Adapter	V7-TA40	17.75	10	V7-TA40	17.75	10
Group Marking Carrier	V7-GM35	3.60	10	V7-GM35	3.60	10
<b>Marking Systems ⑥</b>						
Blank Tags (cards of 100)	V7-SM6X9	12.00	5	V7-SM6X9	12.00	5
Pre-printed Tags (sticks of 10)	V7-MP ⑦	2.70	10	V7-MP ⑦	2.70	10
<b>Terminal Block Specifications</b>						
<b>Approvals</b>	UL	UL	IEC	UL	UL	IEC
Voltage Rating	300V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC
Maximum Current	15 A	15 A	20 A	15 A	15 A	20 A
Wire Range (Rated Cross Section)	#22... #12 AWG	#22... #12 AWG	0.5...2.5 mm <sup>2</sup>	#22... #12 AWG	#22... #12 AWG	0.5...2.5 mm <sup>2</sup>
Wire Strip Length	0.31" (8mm)			0.31" (8mm)		
Recommended Tightening Torque	5.0...5.6 lb-in. (0.6 Nm)			5.0...5.6 lb-in. (0.6 Nm)		
Density	50 pcs./ft (166/m)			50 pcs./ft (166/m)		
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32		

① Refer to pages N24...N29 for a listing of all V7-W accessories.  
 ② Overall height varies with plug-in component. For V7-DP4, use 2.5" (63.5 mm); for V7-CP4, use 2.9" (74 mm); and for V7-FP4..., use 3.1" (78 mm).  
 ③ Maximum current and voltage rating of component plug is 1A @ 600V. Maximum current rating for the base terminal block is listed under Specifications.

④ Maximum current and voltage ratings for the fuse plug are 10A and 250V. Maximum ratings for the base blocks are listed under Specifications.  
 ⑤ See page N32 for Fuse Plug Specifications.  
 ⑥ Custom marking tags available. See page N45 for full offering.  
 ⑦ Catalog number is not complete. See pages N42...N43.

### Component Blocks

Ordering and Technical Information ❶	4mm <sup>2</sup>			4mm <sup>2</sup>			4mm <sup>2</sup>		
	Two level block with a commoning bar between the upper and lower levels, providing multiple outlets			Two level block with a diode in forward bias between the upper and lower levels			Two level block with a diode in reverse bias between the upper and lower levels		
	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty	Catalog Number	Price Ea. (Std Pkg)	Pkg. Qty
Terminal - Gray	V7-WD4C	10.50	50	V7-WD4DF ❶	13.00	1	V7-WD4DR ❶	13.00	1
<b>Accessories (also see pages N26 - N31)</b>									
End Barrier	V7-EBD3	1.95	50	V7-EBD3	1.95	50	V7-EBD3	1.95	50
End Anchors									
DIN Rail — Normal Duty	V7-EA35	1.75	50	V7-EA35	1.75	50	V7-EA35	1.75	50
DIN Rail — Heavy Duty	V7-EAH35	7.00	10	V7-EAH35	7.00	10	V7-EAH35	7.00	10
DIN Rail — Snap-in	V7-ER35	1.80	50	V7-ER35	1.80	50	V7-ER35	1.80	50
Jumpers									
Side Jumper — 10-pole Insulated	V7-SJ6-10	4.45	10	V7-SJ6-10	4.45	10	V7-SJ6-10	4.45	10
Center Jumper — 50-pole	V7-CJD6-50	37.00	5	V7-CJD6-50	37.00	5	V7-CJD6-50	37.00	5
Center Jumper — 10-pole	V7-CJD6-10	9.40	10	V7-CJD6-10	9.40	10	V7-CJD6-10	9.40	10
Center Jumper — 3-pole	V7-CJD6-3	3.50	10	V7-CJD6-3	3.50	10	V7-CJD6-3	3.50	10
Center Jumper — 2-pole	V7-CJD6-2	2.40	10	V7-CJD6-2	2.40	10	V7-CJD6-2	2.40	10
Center Jumper Link	V7-CJDL6	1.35	10	V7-CJDL6	1.35	10	V7-CJDL6	1.35	10
Other Accessories									
Partition Plate	V7-PPD3	2.25	50	V7-PPD3	2.25	50	V7-PPD3	2.25	50
Separation Plate	V7-SPD3	.90	10	V7-SPD3	.90	10	V7-SPD3	.90	10
Test Plug	V7-TP28	8.90	10	V7-TP28	8.90	10	V7-TP28	8.90	10
Test Plug Adapter	V7-TA40	17.75	10	V7-TA40	17.75	10	V7-TA40	17.75	10
Group Marking Carrier	V7-GM35	3.60	10	V7-GM35	3.60	10	V7-GM35	3.60	10
Marking Systems ❷									
Blank Tags (cards of 100)	V7-SM6X9	12.00	5	V7-SM6X9	12.00	5	V7-SM6X9	12.00	5
Pre-printed Tags (sticks of 10)	V7-MP ❸	2.70	10	V7-MP ❸	2.70	10	V7-MP ❸	2.70	10
<b>Terminal Block Specifications</b>									
Approvals	UL	UL	IEC	UL	UL	IEC	UL	UL	IEC
Voltage Rating	300V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC
Maximum Current	20 A	20 A	32 A	1 A (Diode)	1 A (Diode)	1 A (Diode)	1 A (Diode)	1 A (Diode)	1 A (Diode)
Wire Range (Rated Cross Section)	#22... #12 AWG	#22... #12 AWG	0.05...4 mm <sup>2</sup>	#22... #12 AWG	#22... #12 AWG	0.05...4 mm <sup>2</sup>	#22... #12 AWG	#22... #12 AWG	0.05...4 mm <sup>2</sup>
Working Voltage				Diode 1N4007 ❹			Diode 1N4007 ❹		
Wire Strip Length	0.39" (10mm)			0.39" (10mm)			0.39" (10mm)		
Recommended Tightening Torque	5.0...5.6 lb-in. (0.6 Nm)			5.0...5.6 lb-in. (0.6 Nm)			5.0...5.6 lb-in. (0.6 Nm)		
Density	50 pcs./ft (166/m)			50 pcs./ft (166/m)			50 pcs./ft (166/m)		
Insulation Temperature Range	-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)			-40°...+195°F (-40°...+90°C)		
Mounting Rail	Fits all types shown on page N32			Fits all types shown on page N32			Fits all types shown on page N32		
Schematics									
<b>Diode Block</b>									
Uses a 1N4007 diode between the upper and lower levels for insertion into a control circuit. This block is useful in low voltage DC control circuits for directioning and suppression.									

❶ May require special order with minimum quantities.

❷ Custom marking tags available. See page N45 for full offering.

❸ Catalog number is not complete. See pages N42...N43.


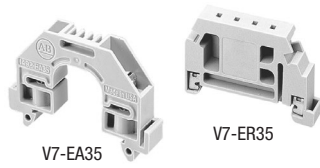
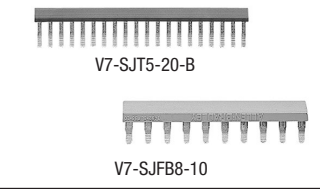
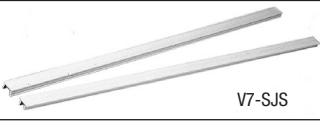
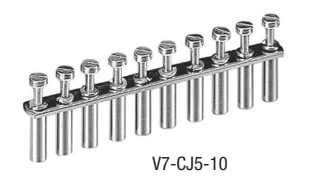
❹ See page N31 for Component Specifications.

**Thermocouple Blocks ①**

<b>Ordering and Technical Information ①</b>	<b>2.5mm<sup>2</sup></b>			
	Two-pole thermocouple block			
		<b>Catalog Number</b>	<b>Price Ea. (Std Pkg)</b>	<b>Pkg. Qty</b>
<b>Current Bar Material</b>				
<b>Pos. Leg / Neg. Leg</b>	<b>Trade Name</b>			
NiCr / CuNi	Chromel / Constantan	<b>V7-WTC3E</b>	<b>16.00</b>	10
Ir / CuNi	Iron / Constantan	<b>V7-WTC3J</b>	<b>16.00</b>	10
Cu / CuNi	Copper / Constantan	<b>V7-WTC3T</b>	<b>16.00</b>	10
<b>Accessories (also see pages N26 to N31)</b>				
<b>End Barrier</b>		<b>V7-EB3</b>	<b>1.20</b>	50
<b>End Anchors</b>				
DIN Rail — Normal Duty		<b>V7-EA35</b>	<b>1.75</b>	50
DIN Rail — Heavy Duty		<b>V7-EAH35</b>	<b>7.00</b>	10
DIN Rail — Snap-in		<b>V7-ER35</b>	<b>1.80</b>	50
<b>Other Accessories</b>				
Partition Plate		<b>V7-PP3</b>	<b>1.50</b>	
Group Marking Carrier		<b>V7-GM35</b>	<b>3.60</b>	10
<b>Marking Systems ②</b>				
Blank Tags (cards of 100) ②		<b>V7-SM5X9</b>	<b>12.00</b>	5
Pre-printed Tags (sticks of 10)		<b>V7-MP5 ③</b>	<b>2.70</b>	10
<b>Terminal Block Specifications</b>				
<b>Approvals</b>				
Wire Range (Rated Cross Section)		0.28...#14 AWG 0.2...2.5 mm <sup>2</sup>		
Wire Strip Length		0.35" (10mm)		
Recommended Tightening Torque		5.0...5.6 lb-in. (0.6 Nm)		
Density		30 pcs./ft (100/m)		
Insulation Temperature Range		-40°...+195°F (-40°...105°C)		
Mounting Rail		Fits all types shown on page N32		

① May require special order with minimum quantities.  
 ② Custom marking tags available. See page N45 for full offering.  
 ③ Catalog number is not complete. See pages N42...N43.





#### Accessories

Component	Description	Type	Catalog Number	Price Each	Std. Pkg.	pg. N5	pg. N5	pg. N5	pg. N6	pg. N6
						-W3 Through	-W4 Through	-W6 Through	-W10 Through	-W16S Through
 <p><b>End Barrier</b> Provides insulation for the last terminal block in a group. Gray unless noted.</p>			V7-EB10	1.20	50					
			(shown) V7-EB3	1.20	50	■	■			
			V7-EB3TW	1.35	50					
			(shown) V7-EB35	2.25	25					
			V7-EBD3	1.95	50					
			yellow V7-EBD3-Y	1.95	50					
			V7-EBD6	2.25	50					
			V7-EBD4P	2.00	50					
			V7-EBKD3	1.20	50					
			V7-EBR3	1.35	50					
			V7-EBTF3	1.95	50					
			V7-EBTS3	1.95	50					
			(shown) V7-N37	1.50	50					
yellow V7-EB10-Y	1.50	50								
yellow V7-EB3-Y	1.20	50								
V7-EBFB10V	1.45	50								
 <p><b>End Anchor (Screw type)</b> Anchors a row of blocks or a single block</p>			Standard (shown) V7-EA35	1.75	50	■	■	■	■	■
			Heavy Duty V7-EAH35	7.00	10	■	■	■	■	■
			Snap In (shown) V7-ER35	1.80	50	■	■	■	■	■
 <p><b>Side Jumpers</b> Insulated, fit in wire openings of blocks</p>			V7-SJ5-10	3.60	10	■				
			V7-SJ6-10	4.45	10		■			
			V7-SJ8-10	5.10	10				■	
			(shown) V7-SJFB8-10	8.40	10					■
			Blue V7-SJT5-20-B	10.50	10					
			Red V7-SJT5-20-R	10.50	10					
Non-insulated V7-N49	6.10	10								
 <p><b>Insulating Side Jumper Sleeve</b> For use with catalog # V7-N49</p>			V7-SJS	2.70	10					
<b>Replacement Fuse Knob</b>			V7-FCM	5.25	50					
 <p><b>Center Jumpers</b> Uninsulated, screw into threaded hole in center of block  (See page N28 for more Center Jumpers)</p>			2 pole V7-CJ5-2	2.25	10	■				
			3 pole V7-CJ5-3	3.30	10	■				
			10 pole V7-CJ5-10	8.90	10	■				
			50 pole V7-CJ5-50	42.00	5	■				
			2 pole V7-CJ6-2	2.40	10		■			
			3 pole V7-CJ6-3	3.50	10		■			
			10 pole V7-CJ6-10	9.40	10		■			
50 pole V7-CJ6-50	37.00	5		■						

**Note:** For full line of marking accessories see the Marking Section beginning on page N38.



#### Accessories (Continued)



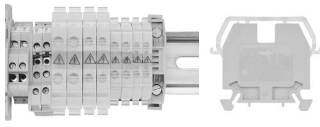
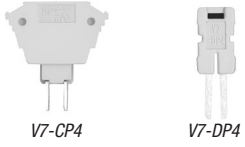

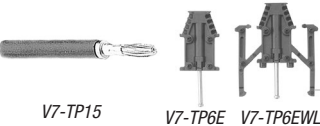


Component	Description	Type	Catalog Number	Price Each	Std. Pkg.	Terminal Block Configuration				
						-W3 Through	-W4 Through	-W6 Through	-W10 Through	-W16S Through
 <p><b>Center Jumpers</b> Uninsulated, screw into threaded hole in center of block</p>		2 pole	V7-CJ7-2	2.90	10					
		3 pole	V7-CJ7-3	4.10	10			■		
		10 pole	V7-CJ7-10	11.00	10			■		
		40 pole	V7-CJ7-40	37.00	5			■		
		2 pole	V7-CJ8-2	3.10	10					■
		3 pole	V7-CJ8-3	4.10	10					■
		10 pole	V7-CJ8-10	12.25	10					■
		40 pole	V7-CJ8-40	42.00	5					■
		2 pole	V7-CJS11-2	5.30	10					■
		3 pole	V7-CJS11-3	7.10	10					■
		2 pole	V7-CJ14-2	5.80	10					
		3 pole	V7-CJ14-3	8.70	10					
		2 pole	V7-CJD5-2	2.60	10					
		3 pole	V7-CJD5-3	3.80	10					
		10 pole	V7-CJD5-10	10.00	10					
		50 pole	V7-CJD5-50	42.00	5					
		2 pole	V7-CJD6-2	2.40	10					
		3 pole	V7-CJD6-3	3.50	10					
10 pole	V7-CJD6-10	9.40	10							
50 pole	V7-CJD6-50	37.00	5							
10 pole	V7-CJT5-10	10.00	10							
50 pole	V7-CJT5-50	42.00	10							
 <p><b>Center Jumper Links</b> Joins two Center Jumpers</p>			V7-CJL5	1.35	10	■				
			V7-CJL6	1.35	10		■			
			V7-CJL7	1.35	10				■	
			V7-CJL8	1.35	10					■
			V7-CJDL6	1.35	10					
 <p><b>Center Jumper Covers</b></p>			V7-CJCW5	5.30	20	■				
			V7-CJCW6	5.30	20		■	■	■	
			V7-CJCW14	5.30	10					
 <p><b>Screwdriver</b> - Specially designed for the screws on V7-W3, W4 &amp; W6 terminals</p>			V7-SCRDRV1	16.50	1	■	■	■		

**Note:** For full line of marking accessories see the Marking Section beginning on page N38.

-W35 Through	pg. N7
-W70 Through	pg. N7
-WDG4C Two Level Ground	pg. N12
-WG4 Ground	pg. N10
-WG6 Ground	pg. N10
-WG10S Ground	pg. N10
-WG16, -W35, -W70 Ground	pg. N11
-WD3 Two Level	pg. N8
-WD4 Two Level	pg. N8
-WD6 Two Level	pg. N8
-W3TW 2 in / 1 out	pg. N9
-WR3 Return	pg. N9
-WKD3 Knife Disconnect	pg. N16
-WKD3TP Knife Disconnect	pg. N16
-WKD6 Knife Disconnect	pg. N16
-W4P Pluggable	pg. N20
-W4PTP Pluggable	pg. N20
-WD4P Pluggable 2 level	pg. N21
-WDG4P Pluggable 2 Level	pg. N21
-WD4C/DF/DR 2 level	pg. N22
-WFB4/424/4250 Fuse Pluggable	pg. N13
-H4/5/6/7 Fusible	pg. N14&17
-WFB10V/VA	pg. N15
-WTC3E/J/T Thermocouple	pg. N23
-WTF3/LP/LN Sensor	pg. N18
-WTS3/LP/LN Sensor	pg. N19

Continued on next page ➡


#### Accessories (Continued)

Component	Description	Type	Catalog Number	Price Each	Std. Pkg.	Terminal Block				
						pg. N5 -W3 Through	pg. N5 -W4 Through	pg. N5 -W6 Through	pg. N6 -W10 Through	pg. N6 -W16S Through
 <p>V7-PP35      V7-PPD3</p>	<b>Partition Plates</b> Provides visual and electrical spacing between adjacent jumpers		V7-PP10	1.80	50					
			V7-PP3	1.50	50	■	■			
		(shown)	V7-PP35	2.50	25					
		(shown)	V7-PPD3	2.25	50					
			V7-PPD6	2.25	50					
		Mini	V7-PPSL3	1.95	50					
		Mini	V7-PPTS3	1.25	50					
 <p>V7-SP3      V7-SPD3</p>	<b>Separation Plate</b> Thin, flexible plastic insulation plate provides visual and electrical isolation between adjacent center jumpers	(shown)	V7-SP3	.90	50	■	■			
		(shown)	V7-SPD3	.90	50					
	<b>Electrical Warning Plates</b>		V7-EWP5-4	2.25	10	■				
			V7-EWP6-4	2.25	10		■			
			V7-EWP7-4	2.25	10			■		
			V7-EWP8-4	3.00	10				■	
 <p>V7-CP4      V7-DP4</p>	<b>Component Plugs</b> Holds customer supplied diode or resistor  <b>Disconnect Plug</b> No load isolator		V7-CP4	7.40	50					
			V7-DP4	2.70	50					
	<b>Fuse Plugs</b> Holds 5x20 fuse	W/O BFI	V7-FP4	11.00	50					
		W/ 24V BFI LED	V7-FP424	22.00	50					
		W/ 240V BFI LED	V7-FP4250	22.00	50					
 <p>V7-TP15      V7-TP6E      V7-TP6EWL</p>	<b>Test Plugs</b> Wire is soldered directly to plug	(shown)	V7-TP15	17.75	10					
			V7-TP23	8.90	10					
			V7-TP28	8.90	10		■	■	■	
		(shown)	V7-TP6E	13.00	10		■			
		(shown)	V7-TP6EWL	13.00	10		■			
 <p>V7-TA40      V7-TA285</p>	<b>Test Plugs Adapters</b> Accepts Banana Plug	(shown)	V7-TA285	17.75	10	■				
			V7-TA40	17.75	10		■	■	■	
	<b>Group Marker Carrier</b> Used for separating and identifying groups of terminals, snap-on, markable		V7-GM35	3.60	10	■	■	■	■	■

**Note:** For full line of marking accessories see the Marking Section beginning on page N38.



### Mounting Rails

Item	Description	Catalog Number	Price
	<b>DIN-rail - 2 meter lengths (≈6' 6")</b> <ul style="list-style-type: none"> <li>• Top Hat, low profile (price per rail)</li> <li>• Top Hat, high profile (price per rail)</li> </ul>	<b>3F</b> <b>3AF</b>	<b>See page A54</b>

### Multiple Wire Connection Combinations - Stranded Copper Conductors of the Same Cross-section

Catalog Number	Wire Size AWG (mm <sup>2</sup> )																
	#22 (0.5)	#20 (0.75)	#18 (1.5)	#16 (2.5)	#14 (4)	#12 (6)	#10 (10)	#8 (16)	#6 (25)	#4 (35)	#2 (40)	1/0 (50)	2/0 (70)	3/0 (80)	300MCM (150)	500MCM (250)	
	<b>Number of same size wires per panel</b>																
V7-H4,-H5,-H6,-H7	4	4	3	2	2	1											
V7-W4	4	4	3	2	2	1	1										
V7-W4P	4	4	3	2	2	1 ⑤											
V7-W4PTP	4	4	3	2	2	1 ⑤											
V7-W6	4	4	3	2	2	1	1										
V7-W10	4	4	4	4	3	2	1	1									
V7-W16S					4	3	2	2	1	1							
V7-W35 ①					3	3	3	2	2	1	1	1	1				
V7-W70 ①					5	5	5	2	2	2	2	1	1	1	1		
V7-WD6 ①			3	2	2	1	1										
V7-WD4DF	4	4	3	2	2	1											
V7-WD4DR	4	4	3	2	2	1											
V7-WD4P	4	4	3	2	2	1 ⑤											
V7-WD4PTP	4	4	3	2	2	1 ⑤											
V7-WDG4C	4	4	3	2	2	1											
V7-WDG4P...	4	4	3	2	2	1 ⑤											
V7-WFB10V(A)								1									
V7-WFB4	4	4	3	2	2	1											
V7-WG4	4	4	3	2	1	1											
V7-WG6	4	4	3	2	2	1	1	1									
V7-WG10S ①	4	4	4	4	3	2	1	1									
V7-WG16 ①							2	1	1	1							
V7-WG35 ①								2	1	1	1	1					
V7-WG70									2	1	1	1	1				
V7-WKD3TP	4	4	3	2	1												
V7-WKD6 ①			3	2	2	1	1										
V7-W3TW	4	4	3	2	1												
V7-WTF3, -WTS3 ②	4	4	3	2	1												
V7-W3, -WD3, -WKD3, -WR3	4	4	3	2	1												
V7-WD4, -WD4C	4	4	3	2	2	1											

① The multiple wire combinations for these products had not been tested at time of publication. Consult factory for latest wire combination information.

② V7-WTF... & V7-WTS... blocks have been tested for 4 - #26 and #24 AWG wires.

③ These products have a maximum European wire size of 2.5 mm<sup>2</sup>, yet they are UL Listed for #12 AWG wire.

## Additional Technical Information for Tie Point, Diode, and Resistor Terminal Blocks



**ATTENTION:** The total current flow through these terminal blocks (the sum of all inputs or the sum of all outputs) must not exceed the rated current for the device.

**Tie Point Terminal Blocks — Type WD4C**

Description	Type	Rating
Maximum Total Current Flow Through the Terminal Block	WD4C	10 A
Maximum Working Voltage	WD4C	300 V
Operating Ambient Temperature Range	All	-4...+104°F (-20...+40°C)
Standard Resistance Range	A	-40...+167°F (-40...+75°C)

**Diode Terminal Blocks — Types WD4DF and WD4DR**

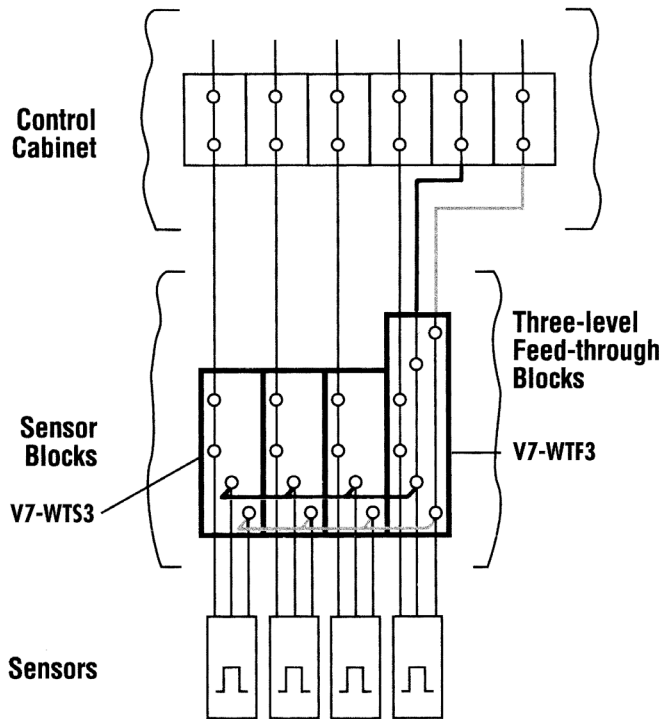
Description	Symbol	Type	Rating
Peak Repetitive Reverse Voltage	V (RRM)		
Working Peak Reverse Voltage	V (RWM)	WD4DF, WD4DR	300V
DC Blocking Voltage	V (R)		
Non-Repetitive Peak Reverse Voltage (Half wave, single phase, 60 Hz)	V (RSM)	WD4DF, WD4DR	300V
RMS Reverse Voltage <sup>❶</sup>	V (Rrms)	WD4DF, WD4DR	300V
Average Rectified Forward Current Single Phase, Resistive Load, 60 Hz	I (O)	All	1.0 A
Non-Repetitive Peak Surge Current (Surge applied at rated load)	I (FSM)	All	30 A (1 cycle)
Maximum Forward Voltage Drop [I (F) = 1.0 A]	V (F)	All	1.1 V
Maximum Reverse Current	I (R)	All	10 μA
Operating Ambient Temperature Range	T (A)	All	-4...+104°F (-20...+40°C)
Storage Temperature Range	T (S)	All	-40...+167°F (-40...+75°C)

**NOTE:** All parameters measured at 77°F (25°C)

<sup>❶</sup> The maximum voltage rating of the diode terminal blocks listed in this table should not be exceeded even though the maximum reverse voltage rating of the diode alone is 1000V.

Fuse Plugs ①			
Characteristic	Catalog Number		
	V7-FP4	V7-FP424	V7-FP4250
Indicator Type	Non-Indicating	LED	LED
Leakage Current	~	2 mA @ 24 V	1 mA @ 264 V
Working Voltage	Per Fuse Rating	10...57V AC/DC	85...264V AC
Fuse Size (Not Supplied)	5 x 20 mm	5 x 20 mm	5 x 20 mm

### Sensor Block Wiring Diagram



① Maximum current rating for the fuse plug is 10 A @ 250 V. IEC standards for 5 x 20 mm fuses do not include ratings above 6.3 A.

### Regulatory Approvals

Terminal block products have been designed to meet the requirements of one or more regulatory bodies. Most products have also been tested per additional standards. The following is a listing of some of the regulatory bodies and standards which apply to terminal block products. See the particular product description for information on specific approvals and ratings.

**UL** (Underwriters Laboratories) — Devices in this catalog with one of these ratings have been tested by Underwriters Laboratories and meet the requirements of one or more of the following United States Standards:

- UL 457 — Grounding and Bonding Equipment
- UL 486E — Equipment Wiring Terminals for Use With Aluminum and/or Copper Conductors
- UL 1059 — Standard for Terminal Blocks

*Reference UL file E195677*

**cUL** (Underwriters Laboratories) — Devices in this catalog with this rating have been tested by Underwriters Laboratories and meet the requirements of the following Canadian Standard:

- CSA 22.2 No. 158 — Terminal Blocks

*Reference UL file E195677*

**CSA** (Canadian Standards Association) — Devices in this catalog with this rating have been tested by the Canadian Standards Association and meet the requirements of the following Canadian Standard:

- CSA 22.2 No. 158 — Terminal Blocks

*Reference CSA files 205830 and 206918*

**CE** Terminal blocks listed in this catalog (with the exception of the V7-WTC3E, -WTC3J, and -WTC3T) meet the requirements of the Low Voltage Directive put forth by the European Union. Devices have been tested and comply with one or more of the following European Norms:

- EN 50947-1 — Low Voltage Switchgear and Controlgear: General Rules
- EN60947-7-1 — Low Voltage Switchgear and Controlgear: Terminal Blocks for Copper Conductors
- EN 60947-7-2 — Low Voltage Switchgear and Controlgear: Protective Conductor Terminal Blocks for Copper Conductors

**IEC** (International Electrotechnical Commission) — Devices listed in this catalog with “IEC” ratings meet the requirements of one or more of the following standards:

- IEC 60947-1 — Low Voltage Switchgear and Controlgear: General Rules
- IEC 60947-7-1 — Low Voltage Switchgear and Controlgear: Part 7: Ancillary Equipment, Section 1: Terminal Blocks for Copper Conductors
- IEC 60947-7-2 — Low Voltage Switchgear and Controlgear: Part 7: Ancillary Equipment, Section 2: Protective Conductor Terminal Blocks for Copper Conductors

**Ex e II** — Devices listed in this catalog with an “Ex e II” rating meet the following Canadian Standards per Underwriters Laboratories:

- E79-0-95 — Electrical Apparatus for Explosive Atmospheres — Part 0 — General Requirements
- E79-7-95 — Electrical Apparatus for Explosive Atmospheres — Part 7 — Increased Safety “e”

These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E195676

**AEx e II** Devices listed in this catalog with an “AEx e II” rating meet the following United States Standard per Underwriters Laboratories:

- UL 2279 — Standard for Electrical Equipment for Use in Class I, Zone 0, 1, and 2 Hazardous (Classified) Locations

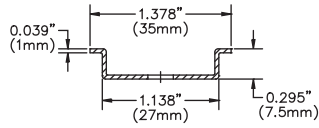
These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E195676

**V7 Terminal Approvals**

Catalog Number  V7-...	UL Approvals								CSA Certifications	
	Terminal Block - Component			Terminal Blocks - For Use in Hazardous Locations			Grounding and Bonding Equipment-Component		Terminal Blocks	
	UR	cUR	File No.	UR	cUR	File No.	UR	File No.	CSA	File No.
	(XCFR2)	(XCFR8)		(XCIB2)	(XCIB8)		(KDER2)		(622801)	
H4	X		E195677						X	206918
H5	X		E195677						X	206918
H6	X		E195677						X	206918
H7	X		E195677						X	206918
W10	X		E195677	X	X	E195676			X	206918
W16S	X		E195677	X	X	E195676			X	206918
W3	X		E195677	X	X	E195676			X	206918
W35	X	X	E195677	X	X	E195676			X	205830
W3TW	X		E195677	X	X	E195676			X	206918
W4	X		E195677	X	X	E195676			X	206918
W4P	X		E195677						X	206918
W4PTP	X		E195677						X	206918
W6	X		E195677	X	X	E195676			X	206918
W70	X	X	E195677	X	X	E195676			X	205830
WD3	X		E195677	X	X	E195676			X	206918
WD4	X		E195677	X	X	E195676			X	206918
WD4C	X		E195677	X	X	E195676			X	206918
WD4DF	X		E195677						X	206918
WD4DR	X		E195677						X	206918
WD4P	X		E195677						X	206918
WD6	X	X	E195677						X	205830
WDG4P	X		E195677						X	206918
WDG4C	X	X	E195677							
WFB4	X		E195677						X	206918
WFB424	X		E195677						X	206918
WFB4250	X		E195677						X	206918
WFB10V	X	X	E195677							
WFB10VA	X	X	E195677							
WG10	X	X	E195677	X	X	E195676	X	E195567		
WG16	X	X	E195677	X	X	E195676	X	E195567	X	205830
WG35	X	X	E195677	X	X	E195676	X	E195567	X	205830
WG4	X		E195677	X	X	E195676			X	206918
WG6	X		E195677	X	X	E195676			X	206918
WG70	X	X	E195677							
WKD3	X		E195677						X	206918
WKD3TP	X		E195677						X	206918
WKD6	X	X	E195677						X	205830
WR3	X		E195677						X	206918
WTF3	X		E195677						X	206918
WTF3LN	X		E195677						X	206918
WTF3LP	X		E195677						X	206918
WTS3	X		E195677						X	206918
WTS3LN	X		E195677						X	206918
WTS3LP	X		E195677						X	206918

**3F Top Hat Low Profile DIN Rail**

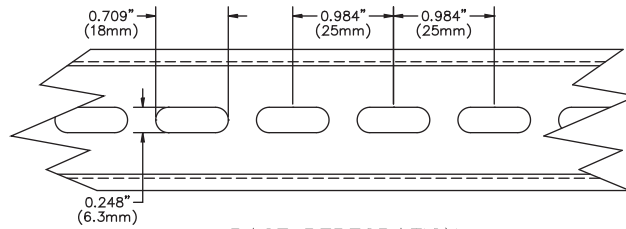
Dimensions are in millimeters (inches). Dimensions not intended for manufacturing purposes.



FRONT SECTION

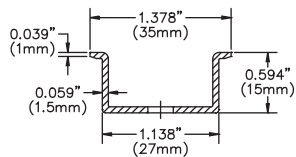


RIGHT SIDE VIEW

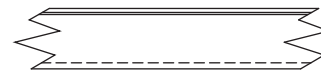


BASE PERFORATION

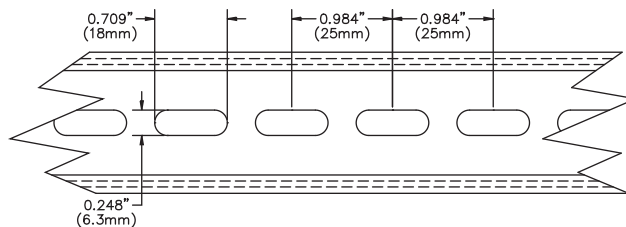
**3AF Top Hat High Profile DIN Rail**



FRONT SECTION



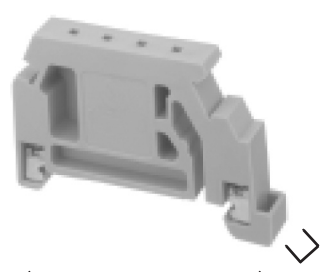


RIGHT SIDE VIEW









BASE PERFORATION

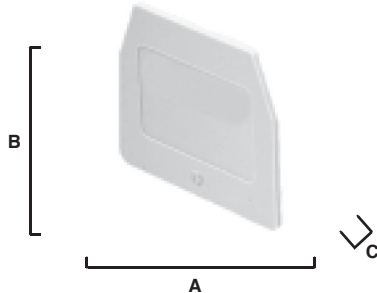

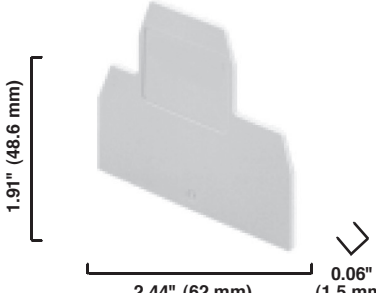
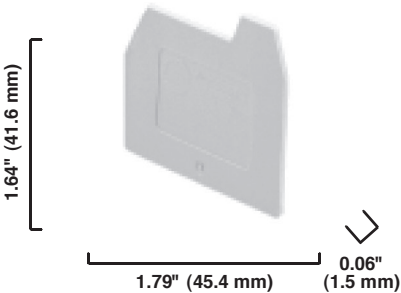
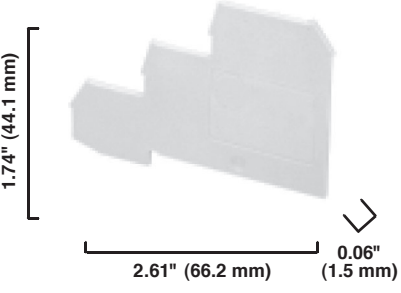
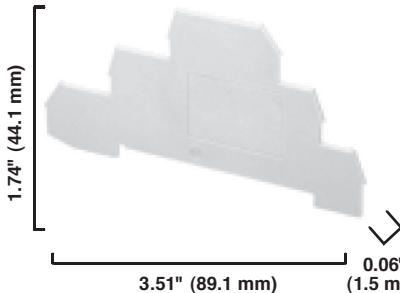



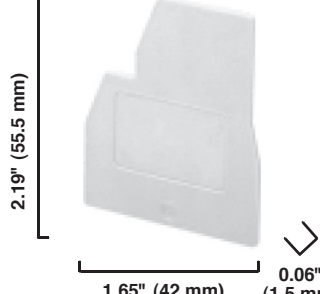
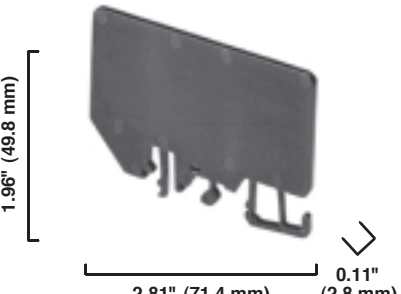
#### End Anchors

 <p>1.09" (27.6 mm) 2.04" (51.9 mm) 0.31" (8 mm) V7-EA35</p>	 <p>1.97" (50 mm) 0.47" (12 mm) V7-EAH3</p>	 <p>0.93" (23.7 mm) 1.78" (45.2 mm) 0.31" (8 mm) V7-ER35</p>
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#### Partition Plates

 <p>2.99" (76 mm) 2.68" (68 mm) 0.08" (2 mm) V7-PP35</p>	 <p>A B C</p> <table border="1"> <thead> <tr> <th>Catalog #</th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>V7-PP3</td> <td>1.85" (47 mm)</td> <td>1.57" (40 mm)</td> <td>0.06" (1.5 mm)</td> </tr> <tr> <td>V7-PP10</td> <td>2.17" (55 mm)</td> <td>1.81" (46 mm)</td> <td>0.06" (1.5 mm)</td> </tr> <tr> <td>V7-PPSL3</td> <td>2.20" (56 mm)</td> <td>1.54" (39 mm)</td> <td>0.08" (2 mm)</td> </tr> </tbody> </table>	Catalog #	A	B	C	V7-PP3	1.85" (47 mm)	1.57" (40 mm)	0.06" (1.5 mm)	V7-PP10	2.17" (55 mm)	1.81" (46 mm)	0.06" (1.5 mm)	V7-PPSL3	2.20" (56 mm)	1.54" (39 mm)	0.08" (2 mm)	 <p>A B C</p> <table border="1"> <thead> <tr> <th>Catalog #</th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>V7-PPD3</td> <td>2.82" (71.6 mm)</td> <td>2.09" (53.2 mm)</td> <td>0.08" (2 mm)</td> </tr> <tr> <td>V7-PPD6</td> <td>3.31" (84 mm)</td> <td>2.72" (69 mm)</td> <td>0.08" (2 mm)</td> </tr> </tbody> </table>	Catalog #	A	B	C	V7-PPD3	2.82" (71.6 mm)	2.09" (53.2 mm)	0.08" (2 mm)	V7-PPD6	3.31" (84 mm)	2.72" (69 mm)	0.08" (2 mm)
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V7-PP3	1.85" (47 mm)	1.57" (40 mm)	0.06" (1.5 mm)																											
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V7-PPD3	2.82" (71.6 mm)	2.09" (53.2 mm)	0.08" (2 mm)																											
V7-PPD6	3.31" (84 mm)	2.72" (69 mm)	0.08" (2 mm)																											
 <p>1.85" (47.1 mm) 2.88" (73.2 mm) 0.014" (0.35 mm) V7-PPTS3</p>	 <p>1.57" (40.0 mm) 1.76" (44.8 mm) 0.014" (0.35 mm) V7-SP3</p>	 <p>2.19" (55.5 mm) 2.44" (62.0 mm) 0.014" (0.35 mm) V7-SPD3</p>																												

**End Barriers**

 <table border="1" data-bbox="162 630 576 766"> <thead> <tr> <th>Catalog #</th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>V7-EB3</td> <td>1.46"</td> <td>1.38"</td> <td>0.06"</td> </tr> <tr> <td>V7-EB3-Y</td> <td>(37 mm)</td> <td>(35 mm)</td> <td>(1.5 mm)</td> </tr> <tr> <td>V7-EB10</td> <td>1.77"</td> <td>1.61"</td> <td>0.06"</td> </tr> <tr> <td>V7-EB10-Y</td> <td>(45 mm)</td> <td>(41 mm)</td> <td>(1.5 mm)</td> </tr> </tbody> </table>	Catalog #	A	B	C	V7-EB3	1.46"	1.38"	0.06"	V7-EB3-Y	(37 mm)	(35 mm)	(1.5 mm)	V7-EB10	1.77"	1.61"	0.06"	V7-EB10-Y	(45 mm)	(41 mm)	(1.5 mm)	 <p data-bbox="795 651 868 682">V7-EB35</p>	 <p data-bbox="1250 651 1339 682">V7-EBD3/Y</p>
Catalog #	A	B	C																			
V7-EB3	1.46"	1.38"	0.06"																			
V7-EB3-Y	(37 mm)	(35 mm)	(1.5 mm)																			
V7-EB10	1.77"	1.61"	0.06"																			
V7-EB10-Y	(45 mm)	(41 mm)	(1.5 mm)																			
 <p data-bbox="324 1113 414 1144">V7-EB3TW</p>	 <p data-bbox="787 1113 876 1144">V7-EBTS3</p>	 <p data-bbox="1250 1113 1339 1144">V7-EBTF3</p>																				
 <p data-bbox="324 1533 414 1564">V7-EBKD3</p>	 <p data-bbox="787 1533 876 1564">V7-EBD4P</p>	 <p data-bbox="1250 1533 1339 1564">V7-EBD6</p>																				
 <p data-bbox="332 1911 414 1942">V7-EBR3</p>	 <p data-bbox="795 1911 868 1942">V7-N37</p>																					