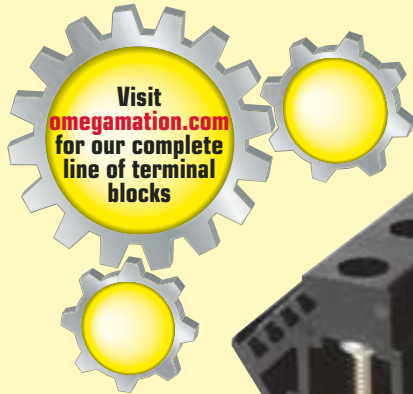
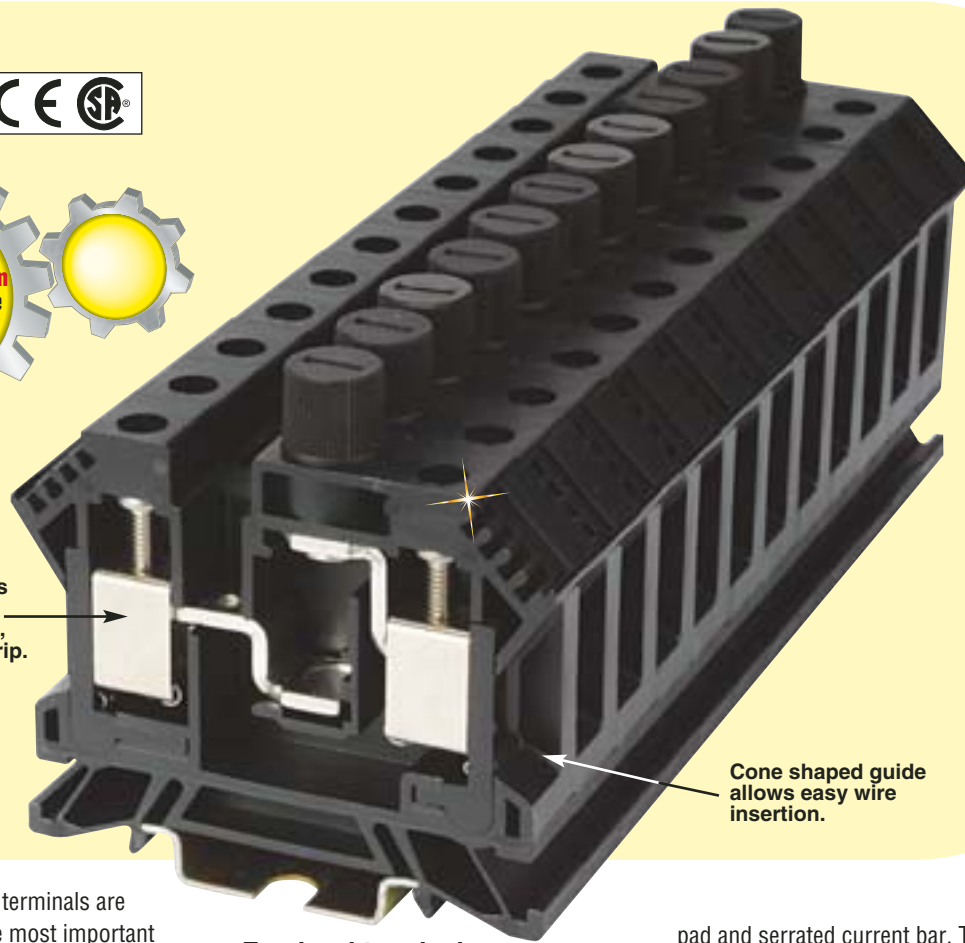


INTRODUCTION TO DIN RAIL TERMINAL BLOCKS



Stainless steel screws and serrated current bars provide a strong, corrosion-resistant grip.



Cone shaped guide allows easy wire insertion.

Omega's new OMTBV7-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

OMTBV7-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 (0.5mm² to 70mm² 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 OMTBV7-W line, including:

- Two level terminals
- High Current terminals
- Ground terminals
- Dual connection terminals
- Diode and resistor 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 OMTBV7-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

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

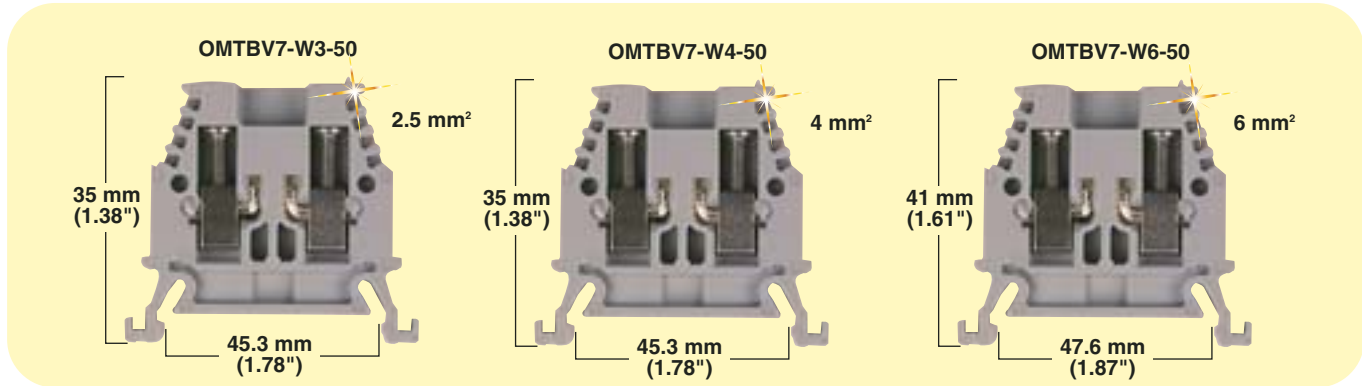
Superior Insulation and Protection Features

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

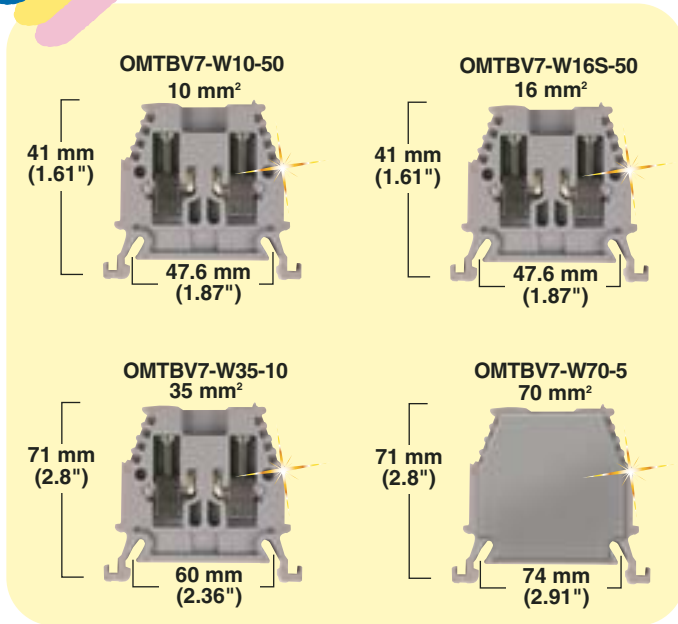
Omega's new OMTBV7-W terminal block line is UL recognized and CSA Certified. Many terminals have also been certified for use in hazardous locations. The line also carries the CE Mark for use in most international markets.

DIN RAIL TERMINAL BLOCKS



Standard Feed-Through Blocks

To Order (Specify Model Number)			MOST POPULAR MODELS HIGHLIGHTED!						
TERMINAL	PKG OF 50	MODEL NO.	PRICE	MODEL NO.	PRICE	MODEL NO.	PRICE		
Gray		OMTBV7-W3-50	\$46.00	OMTBV7-W4-50	\$46.00	OMTBV7-W6-50	\$49		
Red		OMTBV7-W3-RE-50	48.50	OMTBV7-W4-RE-50	48.50	OMTBV7-W6-RE-50	52		
Blue		OMTBV7-W3-B-50	48.50	OMTBV7-W4-B-50	48.50	OMTBV7-W6-B-50	51		
Black		OMTBV7-W3-BL-50	48.50	OMTBV7-W4-BL-50	48.50	OMTBV7-W6-BL-50	52		
Green		OMTBV7-W3-G-50	48.50	OMTBV7-W4-G-50	48.50	OMTBV7-W6-G-50	52		
Yellow		OMTBV7-W3-Y-50	48.50	OMTBV7-W4-Y-50	48.50	OMTBV7-W6-Y-50	52		
Orange		OMTBV7-W3-OR-50	48.50	OMTBV7-W4-OR-50	48.50	OMTBV7-W6-OR-50	52		
White		OMTBV7-W3-W-50	48.50	OMTBV7-W4-W-50	48.50	OMTBV7-W6-W-50	51		
Brown		OMTBV7-W3-BR-50	48.50	OMTBV7-W4-BR-50	48.50	OMTBV7-W6-BR-50	52		
ACCESSORIES									
End barrier package of 50		OMTBV7-EB3-50	\$26.00	OMTBV7-EB3-50	\$26.00	OMTBV7-EB10-50	\$22.50		
End anchors -50 (pkg of 50) -10 (pkg of 10)									
DIN rail—normal duty		OMTBV7-EA35-50	26.00	OMTBV7-EA35-50	26.00	OMTBV7-EA35-50	26.00		
DIN rail—heavy duty		OMTBV7-EAH35-10	19.60	OMTBV7-EAH35-10	19.60	OMTBV7-EAH35-10	19.60		
JUMPERS PKG OF 5 OR 10									
Side jumper, 10-pole insulated		OMTBV7-SJ5-10-10	\$10.80	OMTBV7-SJ6-10-10	\$13.30				
Center jumper, 50-pole		OMTBV7-CJ5-50-5	63.00	OMTBV7-CJ6-50-5	55.45				
Center jumper, 10-pole		OMTBV7-CJ5-10-10	30.20	OMTBV7-CJ6-10-10	28.10	OMTBV7-CJ7-10-10	\$33.30		
Center jumper, 3-pole		OMTBV7-CJ5-3-10	11.30	OMTBV7-CJ6-3-10	10.40	OMTBV7-CJ7-3-10	12.40		
Center jumper, 2-pole		OMTBV7-CJ5-2-10	7.90	OMTBV7-CJ6-2-10	7.20	OMTBV7-CJ7-2-10	8.80		
SPECIFICATIONS									
Approvals									
Voltage Rating (AC/DC)	600V	600V	800V	600V	600V	800V	600V	600V	800V
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 to #14 AWG	#30 to #14 AWG	0.5 to 2.5 mm ²	#22 to #10 AWG	#22 to #10 AWG	0.5 to 4 mm ²	#22 to #10 AWG	#22 to #10 AWG	0.5 to 6 mm ²
Wire Strip Length	10 mm (0.39")			10 mm (0.39")			12 mm (0.47")		
Recommended Tightening Torque	0.6 Nm (5.0 to 5.6 lb-in.)			0.6 Nm (5.0 to 5.6 lb-in.)			0.7 Nm (5.6 to 6.8 lb-in.)		
Density	200/m (61 pcs./ft)			166/m (50 pcs./ft)			142/m (43 pcs./ft)		
Insulation Temperature Range	-40 to 90°C (-40 to 195°F)			-40 to 90°C (-40 to 195°F)			-40 to 90°C (-40 to 195°F)		



Standard Feed-Through Blocks

To Order
(Specify Model Number)

MOST POPULAR
MODELS HIGHLIGHTED!

TERMINAL	MODEL NO.	PRICE Pkg of 50	MODEL NO.	PRICE Pkg of 50	MODEL NO.	PRICE Pkg of 10
Gray	OMTBV7-W10-50	\$59.50	OMTBV7-W16S-50	\$103.50	OMTBV7-W35-10	\$45.00
Red	OMTBV7-W10-RE-50	62.00	OMTBV7-W16S-RE-50	108.00		
Blue	OMTBV7-W10-B-50	61.00	OMTBV7-W16S-B-50	108.00	OMTBV7-W35-B-10	47.50
Black	OMTBV7-W10-BL-50	62.00	OMTBV7-W16S-BL-50	108.00		
Green	OMTBV7-W10-G-50	61.00	OMTBV7-W16S-G-50	108.00		
Yellow	OMTBV7-W10-Y-50	62.00	OMTBV7-W16S-Y-50	108.00		
Orange	OMTBV7-W10-OR-50	62.00	OMTBV7-W16S-OR-50	108.00		
White	OMTBV7-W10-W-50	61.00	OMTBV7-W16S-W-50	108.00		
Brown	OMTBV7-W10-BR-50	62.00	OMTBV7-W16S-BR-50	108.00		

ACCESSORIES						
End barrier pkg of 50	OMTBV7-EB10-50	\$22.50	OMTBV7-EB10-50	\$22.50	OMTBV7-EB35-50	\$34.00
End anchors -50 (pkg of 50) -10 (pkg of 10)						
DIN rail—normal duty	OMTBV7-EA35-50	26.00	OMTBV7-EA35-50	26.00	OMTBV7-EA35-50	26.00
DIN rail—heavy duty	OMTBV7-EAH35-10	19.60	OMTBV7-EAH35-10	19.60	OMTBV7-EAH35-10	19.60

JUMPERS PKG OF 10						
Center jumper 3-pole	OMTBV7-CJ14-3-10	\$26.10	OMTBV7-CJS11-3-10	\$22.50	OMTBV7-CJ14-3-10	\$26.10
2-pole	OMTBV7-CJ14-2-10	22.50	OMTBV7-CJS11-2-10	21.40	OMTBV7-CJ14-2-10	22.50

SPECIFICATIONS									
Approvals									
Voltage Rating (AC/DC)	600V	600V	800V	600V	600V	800V	600V	600V	750V
Maximum Current	50 A	50 A	57A	85A	85A	76A	140A	125A	138A
Wire Range (Rated Cross Section)	#22 to #8 AWG	#22 to #8 AWG	0.5 to 10 mm ²	#14 to #4 AWG	#14 to #4 AWG	#2.5 to #16 AWG	#14...	2.5...35	
Wire Strip Length	13 mm (0.51")			13 mm (0.51")			17 mm (0.67")		
Recommended Tightening Torque	1.4 Nm (12.2 to 13.4 lb-in.)			2.1 Nm (18 to 20 lb-in.)			2.5 Nm (22.1 lb-in.)		
Density	125/m (38 pcs./ft)			90/m (27 pcs./ft)			71/m (21 pcs./ft)		
Insulation Temperature Range	-40 to 90°C (-40 to 195°F)			-40 to 90°C (-40 to 195°F)			-40 to 90°C (-40 to 195°F)		

Standard Feed-Through Blocks

To Order (Specify Model Number)	MOST POPULAR MODELS HIGHLIGHTED!		
TERMINAL PKG OF 5	MODEL NO.	PRICE	
Gray	OMTBV7-W70-5	\$65.80	
Blue	OMTBV7-W70-B-5	65.95	
End barrier	Not Required	—	
End anchors -50 (pkg of 50) -10 (pkg of 10)			
DIN rail—normal duty	—	—	
DIN rail—heavy duty	OMTBV7-EAH35-10	19.60	
SPECIFICATIONS			
Approvals			
Voltage Rating (AC/DC)	600V	600V	750V
Maximum Current	310 A	200 A	175 A
Wire Range (Rated Cross Section)	#4... #3/0 AWG	#4... #3/0 AWG	4...70 mm ²
Wire Strip Length	26 mm (1.02")		
Recommended Tightening Torque	15 Nm (132.8 lb-in.)		
Density	43/m (38 pcs./ft)		
Insulation Temperature Range	-40 to 90°C (-40 to 195°F)		



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