

Terminal Block Specifications

Bulletin Number 1492

Topic	Page
IEC Screw Type Terminal Blocks	3
IEC Spring Clamp Type Terminal Blocks	24
IEC Terminal Block Accessories	42
NEMA Terminal Blocks	65
NEMA Terminal Block Accessories	69
Power Blocks	78

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

Resource	Description
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, http://www.ab.com	Provides declarations of conformity, certificates, and other certification details.

You can view or download publications at <http://www.rockwellautomation.com/literature/>. To order paper copies of technical documentation, contact your local Allen-Bradley distributor or Rockwell Automation sales representative.



	1492-WM3				1492-WM4				1492-WMD1		
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.											
	1.14" (29 mm)				1.26" (32 mm)				1.76" (44.6 mm)		
Specifications	Single-circuit mini terminal block.				Single-circuit mini terminal block.				Two-circuit mini terminal block.		
Certifications		IEC	CSA	ATEX		IEC	CSA	ATEX		CSA	IEC
Voltage Rating	300V AC/DC	500V AC/DC	300V AC/DC	420V AC/DC	300V AC/DC	500V AC/DC	300V AC/DC	420V AC/DC	300V AC/DC	300V AC/DC	500V AC/DC
Maximum Current	15 A	24 A	15 A	24 A	20 A	32 A	20 A	32 A	15 A	15 A	17.5 A
Wire Range (Rated Cross Section)	#30...14 AWG	0.5...2.5 mm ²	#22...14 AWG	2.5 mm ²	#22...12 AWG	0.5...4.0 mm ²	#22...12 AWG	4.0 mm ²	#22...16 AWG		0.5...1.5 mm ²
Wire Strip Length	0.24 in. (6 mm)				0.39 in. (10 mm)				0.35 in. (9 mm)		
Recommended Tightening Torque	4.2...4.6 lb•in (0.47...0.52 N•m)				4.7...6.2 lb•in (0.53...0.70 N•m)				4.2...4.6 lb•in (0.47...0.52 N•m)		
Density	61 pcs/ft (200/m)				50 pcs/ft (166/m)				61 pcs/ft (200/m)		
Housing Temperature Range	-40...+195 °F (-40...+90 °C)				-40...+195 °F (-40...+90 °C)				-40...+195 °F (-40...+90 °C)		

	1492-WMG3		1492-WMG4	
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.				
	0.84" (21.4 mm)		1.34" (34 mm)	
Specifications	Single-circuit mini grounding terminal block.		Single-circuit mini grounding terminal block.	
Certifications	IEC			
Maximum Current	Grounding		Grounding	
Wire Range (Rated Cross Section)	#14 AWG (2.5 mm ²)		#22...12 AWG	
Wire Strip Length	0.31 in. (8 mm)		0.39 in. (10 mm)	
Recommended Tightening Torque	6.2 lb•in (0.7 N•m)		5.3 lb•in (0.6 N•m)	
Density	50 pcs/ft (166 pcs/m)		50 pcs/ft (166 pcs/m)	
Housing Temperature Range	—		-40...+195 °F (-40...+90 °C)	

	1492-J3				1492-J4				1492-J6			
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.												
	2.36" (60 mm)				2.36" (60 mm)				2.36" (60 mm)			
Specifications	Feed-through terminal block				Feed-through terminal block				Feed-through terminal block			
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX
Voltage Rating	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		800V AC/DC	690V AC/DC	600V AC/DC		800V AC/DC	550V AC/DC
Maximum Current	25 A	20 A	24 A	21 A	35 A	25 A	32 A	28 A	50 A	41 A	36 A	
Wire Range (Rated Cross Section)	#28...12 AWG	#26...12 AWG	2.5 mm ²	2.5 mm ² (#20...14 AWG)	#22...10 AWG	#26...10 AWG	4 mm ²	4 mm ² (#20...12 AWG)	#22...8 AWG	6 mm ²	6 mm ² (#20...10 AWG)	
Wire Strip Length	0.39 in. (10 mm)				0.39 in. (10 mm)				0.47 in. (12 mm)			
Recommended Tightening Torque	4.5...7.1 lb•in (0.5...0.8 N•m)				9.0 lb•in (1.0 N•m)				14.2 lb•in (1.6 N•m)			
Density	59 pcs/ft (196 pcs/m)				49 pcs/ft (163 pcs/m)				37 pcs/ft (123 pcs/m)			
Housing Temperature Range	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)			

	1492-J10				1492-J16				1492-J35				
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.													
	Specifications <i>Feed-through terminal block</i>				Specifications <i>Feed-through terminal block</i>				Specifications <i>Feed-through terminal block</i>				
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC	ATEX	
Voltage Rating	600V AC/DC		1000V AC/DC	550V AC/DC	600V AC/DC		1000V AC/DC	690V AC/DC	1000V AC/DC		600V AC/DC	1000V AC/DC	690V AC/DC
Maximum Current	65 A	50 A	57 A	50 A	85 A	76 A	66 A	150 A	120 A	125 A	109 A	109 A	
Wire Range (Rated Cross Section)	#18...6 AWG		10 mm ²	10 mm ² (#16...8 AWG)	#18...4 AWG		16 mm ²	16 mm ² (#16...6 AWG)	#12...1/0 AWG	#12...2 AWG	35 mm ²	35 mm ² (#14...2 AWG)	
Wire Strip Length	0.47 in. (12 mm)				0.63 in. (16 mm)				0.70 in. (18 mm)				
Recommended Tightening Torque	20.4 lb•in (2.3 N•m)				35.0 lb•in (4.0 N•m)				51.0 lb•in (5.8 N•m)				
Density	30 pcs/ft (100 pcs/m)				25 pcs/ft (83 pcs/m)				19 pcs/ft (62 pcs/m)				
Housing Temperature Range	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				

	1492-J50				1492-J70				1492-J120		
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.											
	Specifications <i>Feed-through terminal block</i>				Specifications <i>Feed-through terminal block</i>				Specifications <i>Feed-through terminal block</i>		
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC
Voltage Rating	1000V AC/DC	600V AC/DC	1000V AC/DC	690V AC/DC	600V AC/DC		1000V AC/DC	690V AC/DC	1000V AC/DC		
Maximum Current	150 A		150 A	126 A	175 A	205 A	192 A	167 A	228 A	220 A	269 A
Wire Range (Rated Cross Section)	#10...1/0 AWG	#8...1/0 AWG	50 mm ²	#10...1/0 AWG 50 mm ²	#6...2/0 AWG		70 mm ²	#8...2/0 AWG 70 mm ²	#4...250 MCM AWG	#4...4/0 AWG	16...120 mm ²
Wire Strip Length	0.94 in. (24 mm)				0.87 in. (22 mm)				1.06 in. (27 mm)		
Recommended Tightening Torque	31.5 lb•in (3.6 N•m)				87.0 lb•in (9.8 N•m)				141.6 lb•in (16.0 N•m)		
Density	16 pcs/ft (54 pcs/m)				14 pcs/ft (48 pcs/m)				11 pcs/ft (37 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)		