

RAST CONNECTORS DESIGN NAVIGATOR

Selecting the right RAST connector should not be difficult and this design navigator is here to make it easy. Use this document to find connector product lines that meet your application requirements, including optional and non-standard features, and then follow the product page links for detailed product features, sample ordering, and downloadable product specifications.

		Insulation Displacement Contact (IDC) Connectors							Crimp Terminal Connectors				PCB Headers	
		Monoplug 2.5 Connectors	Monoplug Power Connectors	AMP DUOPLUG 2.5 Mark II Connectors	AMP DUOPLUG Power Connectors	AMP multifitting Mark II Connectors	AMP MONO-SHAPE Connectors	RAST 2.5 Standard Timer Connectors	RAST 5 Standard Timer Connectors	Positive Lock RAST 5 Connectors	FASTIN-FASTON RAST 5 Connector System	RAST 2.5 Headers	RAST 5 Headers	
														
Centerline		2.5	2.5	2.5	5	5	5	2.5	5	5	5	2.5	5	
Max Current Rating (A) ¹		2	9	2	6	16	16	2,3	16	16	24 (with 10AWG wire)	6	20	
Voltage Rating ¹		50,250	250	50,250	250	250	380	50,250	220	500	380	50, 250	250, 400, 600	
Flammability Options ¹	UL 94 Rating	V-0	V-0	V-0 & V-2	V-0 & V-2	V-0 & V-2	V-0 & V-2	V-0	V-0 & V-2	V-0	V-2	V-0	V-0 & V-2	
	IEC 60335-1 Glow Wire Available ²	•	•	•	•	•	•	•	•	•	•	•	•	
Agency Approval ¹		UL, VDE	UL, VDE	UL, VDE	UL, VDE	UL, CSA	UL, VDE	UL, VDE	UL, VDE					
Operating Temp (°C) ¹		-40 to +110	-40 to +110	-40 to +110	-40 to +110	-40 to +130	-25 to +105	-40 to +110	-40 to +110	-40 to +105	-25 to +105	-40 to +120	-40 to +120	
Wire Size (AWG)		24-22	22-18.5	24-22	22-18	22-15.5	20-15.5	24-20	22-12	22-14	22-10	-	-	
Position Size		2-13	2-7	2-20	2-9	1-10	1-12	3-9	2-12	2-11	2-10	3-17	2-9	
Color/Keying Available		•	•	•	•	•	•	•	•	•	•	•	•	
Terminal Position Assurance (TPA) Available		-	-	-	-	-	-	• ⁴	•	-	-	-	-	
Available Configurations	Wire-to-Wire	•	•	•	•	•	•	•	•	•	-	-	-	
	Wire-to-Board	•	•	•	•	•	•	•	•	•	-	• ³	• ³	
	Wire-to-Panel	-	-	-	-	-	-	-	-	-	•	-	-	
Link to Product Pages		Monoplug 2.5 Connectors	Monoplug Power Connector	AMP DUOPLUG 2.5 Mark II Connectors	AMP DUOPLUG Power Connectors	AMP multifitting Mark II Connectors	AMP MONO-SHAPE Connectors	RAST 2.5 Standard Timer Connector	RAST 5 Standard Timer Connector	Positive Lock RAST 5 Connectors	FASTIN-FASTON RAST 5 Connector System	RAST 2.5 Headers	RAST 5 Headers	

¹ Specifications and available positions will vary based on configuration and centerline spacing • Available

² For more information on glow wire testing please review the white paper [Glow Wire Testing for the Appliance Industry](#) or visit the [Glow Wire Capable Connectors product page](#).

³ Standard and potting versions ⁴ Integrated terminal position assurance