

## 5334.\*\*

### RAST 5 TERMINALS AND CONNECTORS · FLAGS FOR CONNECTOR



**Specification** RAST 5 CRIMP CONNECT

**Typology** With Upper Dimple

**For male (mm)** 6,3x0,8

**Wire size mm<sup>2</sup> (AWG)** 1-2,5 (18-14)

**Ø Insulation (mm)** 2,7-3,8

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)
5334.00	Brass	Natural	110
5334.01	Brass	Pre-tin-plated	120
5334.24	Steel	Nickel-plated	300
5334.30	Bronze	Natural	120
5334.31	Bronze	Pre-tin-plated	130
5334.70	German Silver	Natural	210

**Material thickness (mm)** 0,4

**Max. rated current**

Wire section	5334.00 / 01 / 24 / 30 / 31 / 70
1.00 mm <sup>2</sup>	12A
1.50 mm <sup>2</sup>	16A
2.50 mm <sup>2</sup>	20A



**Insertion / Withdrawal forces**

	5334.00 / 30 / 70	5334.01 / 24 / 31
1st Insertion (max)	30N <sup>1</sup>	30N <sup>1</sup>
1st Withdrawal (max)	60N <sup>1</sup>	60N <sup>1</sup>
1st Withdrawal (min)	27N <sup>1</sup>	22N <sup>1</sup>
6th Withdrawal (min)	22N <sup>1</sup>	18N <sup>1</sup>

<sup>1</sup> Valid for Natural Brass Tab

**Application tool** MN5335

**Crimping parameters & pull out force**

Wire section (±10%)	Conductor 		Insulator 	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
1.00 mm <sup>2</sup>	1.65 (±0.05)	3.05 (±0.05)	4.01 (±0.10)	108N @ 60s
1.50 mm <sup>2</sup>	1.75 (±0.05)	3.07 (±0.05)	4.03 (±0.10)	150N @ 60s
2.00 mm <sup>2</sup>	1.85 (±0.05)	3.10 (±0.05)	4.05 (±0.10)	150N @ 60s
2.50 mm <sup>2</sup>	1.95 (±0.05)	3.13 (±0.05)	4.05 (±0.10)	230N @ 60s

Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

**Winding number** 3000

**Compatible connectors** R55310\*\*-K, R55312\*\*-K, R5532\*\*-K, R5533\*\*-K, R5534\*\*-K, R5535\*\*-K, R5536\*\*-K, R5537\*\*-K, R5538\*\*-K, R5539\*\*-K

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#### Approved regulations

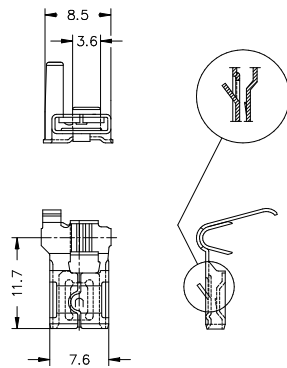
Part nr.	Approval	Standard	File	Certified framework
5334.00 <sup>1</sup>	UL	UL 1977	E222213	AWG 18-14
5334.00	UL	UL 310	E211727	AWG 18-14 (16-41 Stranded Cu) / MN5334
5334.01 <sup>1</sup>	UL	UL 1977	E222213	AWG 18-14
5334.01	UL	UL 310	E211727	AWG 18-14 (16-41 Stranded Cu) / MN5334
5334.24 <sup>1</sup>	UL	UL 1977	E222213	AWG 28-14
5334.24	UL	UL 310	E211727	AWG 18-14 (16-41 Stranded Cu) / MN5334
5334.30 <sup>1</sup>	UL	UL 1977	E222213	AWG 18-14
5334.31 <sup>1</sup>	UL	UL 1977	E222213	AWG 18-14
5334.70 <sup>1</sup>	UL	UL 1977	E222213	AWG 18-14

<sup>1</sup> Cat. No. meets with the standard UL1977 as a component of UP-RAST5 full connection system.  
Rated current and voltage:  
600V - 15A

#### Approvals



#### Drawing



#### Disclaimer

Data obtained from Escubedo Laboratory essays, using own methodology, cablings, equipment and original crimping tools, done in laboratory conditions and following the indicated standards, errors and omissions excepted. This document has no contractual meaning and it is publicised only for informative purposes. It can be changed without prior notice. The end customer has the sole responsibility to check these characteristics in its environment and with its own components, manufacturing methods and equipment. See also the full range product overview if available. For further information please visit our web site or contact us

Rev. Nr.	Concept	Date	Created/Revised	Approved
A4	Change company name and logo	2021-10-21	E.Roura (laboratory dept.)	M.Codina (engineering dept.)
A3	Insertion / Withdrawal forces updated	2021-02-03	E.Roura (laboratory dept.)	M.Codina (engineering dept.)
A2	Compatible connectors updated	2020-09-23	E.Roura (Lab.Dept.)	M.Codina (Eng.Dept.)
A1	Datasheet generated automatically [A1]	2019-01-21	Laboratory Dept.	E. Roura

Escubedo Connection Systems, S.A.U. · Ctra. de Girona-Olot Km. 35,5 · 17843 Riudellots de la Creu · Girona · Spain  
Tel.: 34 972 171 706 · Fax: +34 972 171 714 · [info@escubedo.com](mailto:info@escubedo.com) · [www.escubedo.com](http://www.escubedo.com)