

6434.** 6.3 (.250) TYPE SERIES · MALES FOR CONNECTOR



Specification Standard Terminals

Typology With dimple hole

Din 46343

Wire size mm² (AWG) 1-2,5 (18-14)

Ø Insulation (mm) 3-4,3

Materials, temperature and contact resistance


Part nr.	Material	Finishing	Max. Temp. (°C)
6434.00	Brass	Natural	110
6434.01	Brass	Pre-tin-plated	120
6434.02	Brass	Tin plated	120
6434.03	Brass	Silver-plated	130
6434.30	Bronze	Natural	120
6434.31	Bronze	Pre-tin-plated	130

Material thickness (mm) 0,4

Application tool MN6432

Wire strip length 5.0 (±0.5) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
1.00 mm ²	1.65 (±0.05)	2.86 (±0.05)	4.00 (±0.10)	108N @ 60s
1.50 mm ²	1.75 (±0.05)	2.87 (±0.05)	4.00 (±0.10)	150N @ 60s
2.00 mm ²	1.90 (±0.05)	2.88 (±0.05)	4.00 (±0.10)	150N @ 60s
2.50 mm ²	2.00 (±0.05)	2.90 (±0.05)	4.00 (±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 5000

Compatible connectors 26341**, 26342**, 26343**, 26344**, 26346**, 26348**, 26373**, 26376**, 26377**, 26379**, 26382**, 26383**, R5642**-K, R5643**-K, R5645**-K, R5646**-K, R5653**-K, R5655**-K, R5656**-K, R5658**-K, R56710**-K, R5678**-K, R56882**-K, R56884**-K, R5743**-K, R5745**-K, R5755**-K

Tongue thickness (mm) 6,3x0,8

Max. rated current

Wire section	6434.00 / 01 / 02 / 03 / 30 / 31
1.00 mm ²	12A
1.50 mm ²	16A
2.50 mm ²	20A

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Approved regulations

Part nr.	Approval	Standard	File	Certified framework
6434.00	UL	UL 310	E211727	AWG 18-14 (16-41 Stranded Cu) / MN6434
6434.01	UL	UL 310	E211727	AWG 18-14 (16-41 Stranded Cu) / MN6434
6434.02 ¹	UL	UL 1977	E222213	AWG 18
6434.02 ²	VDE	EN 61984	DE1-70504/B1	

¹ Cat. No. meets with the standard UL1977 as a component of UP-RAST5 full connection system.

Rated current and voltage:

4120.02/6434.02 - AWG 18 - 12A/600V (USR) - 10A/600V (CNR)

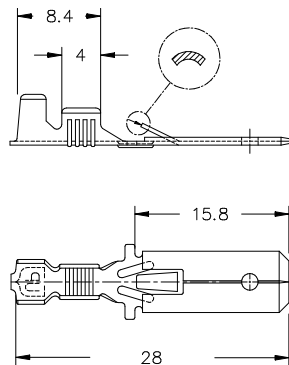
4123.02/6434.02 - AWG 18 - 12A/600V (USR) - 10A/600V (CNR)

² Cat. No. meets with the standard EN611984 as a component of UP-RAST5 connection Series. 400V; max 20A

Approvals



Drawing



Disclaimer

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Rev. Nr.	Concept	Date	Created/Revised	Approved
A5	Update standards & regulations	2026-01-27	E. Roura (laboratory dept.)	E. Turon (engineering dept.)
A4	UL Regulation - Update	2022-02-14	E. Roura (Laboratory Dept.)	O. Roura (Engineering Dept.)
A3	Change company name and logo	2021-10-21	E. Roura (Laboratory Dept.)	M. Codina (Engineering Dept.)
A2	Compatible connectors & UL Standards Update	2021-05-19	E. Roura (Laboratory Dept.)	M. Codina (Engineering Dept.)
A1	Datasheet generated automatically [A1]	2019-09-03	Laboratory Dept.	E. Roura