

5430.** 6.3 (.250) TYPE SERIES · FLAGS



Specification	Standard Terminals
Typology	Short Flag. B crimping
For male (mm)	6,3x0,8
Din	Esp
Wire size mm² (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)	Contact Resist (mΩ)
5430.00	Brass	Natural	110	0.75
5430.02	Brass	Tin plated	120	0.75
5430.24	Steel	Nickel-plated	300	2.00
5430.30	Bronze	Natural	120	(T.B.D.)
5430.31	Bronze	Pre-tin-plated	130	(T.B.D.)
5430.32	Bronze	Tin plated	130	(T.B.D.)

Material thickness (mm) 0,4

Max. rated current

Wire section	5430.00 / 02 / 24 / 30 / 31 / 32
1.00 mm ²	12A
1.50 mm ²	16A
2.50 mm ²	20A



Insertion / Withdrawal forces

	5430.00 / 30 / 31	5430.02 / 24 / 32
1st Insertion (max)	60N ¹	60N ¹
1st Withdrawal (max)	60N ¹	60N ¹
1st Withdrawal (min)	27N ¹	22N ¹
6th Withdrawal (min)	22N ¹	18N ¹

¹ Valid for Natural Brass Tab

Application tool MN5330

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)	3.07 (±0.05)	(T.B.D.)	108N @ 60s
1.50 mm ²	1.75 (±0.05)	3.10 (±0.05)	(T.B.D.)	150N @ 60s
2.00 mm ²	1.85 (±0.05)	3.11 (±0.05)	(T.B.D.)	150N @ 60s
2.50 mm ²	1.95 (±0.05)	3.12 (±0.05)	(T.B.D.)	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 2000

Compatible connectors 26330**, 26432**

5430.**

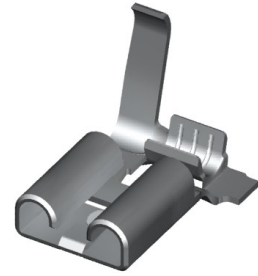
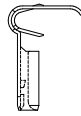
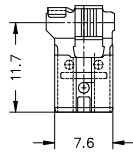
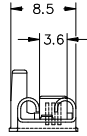
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Approvals



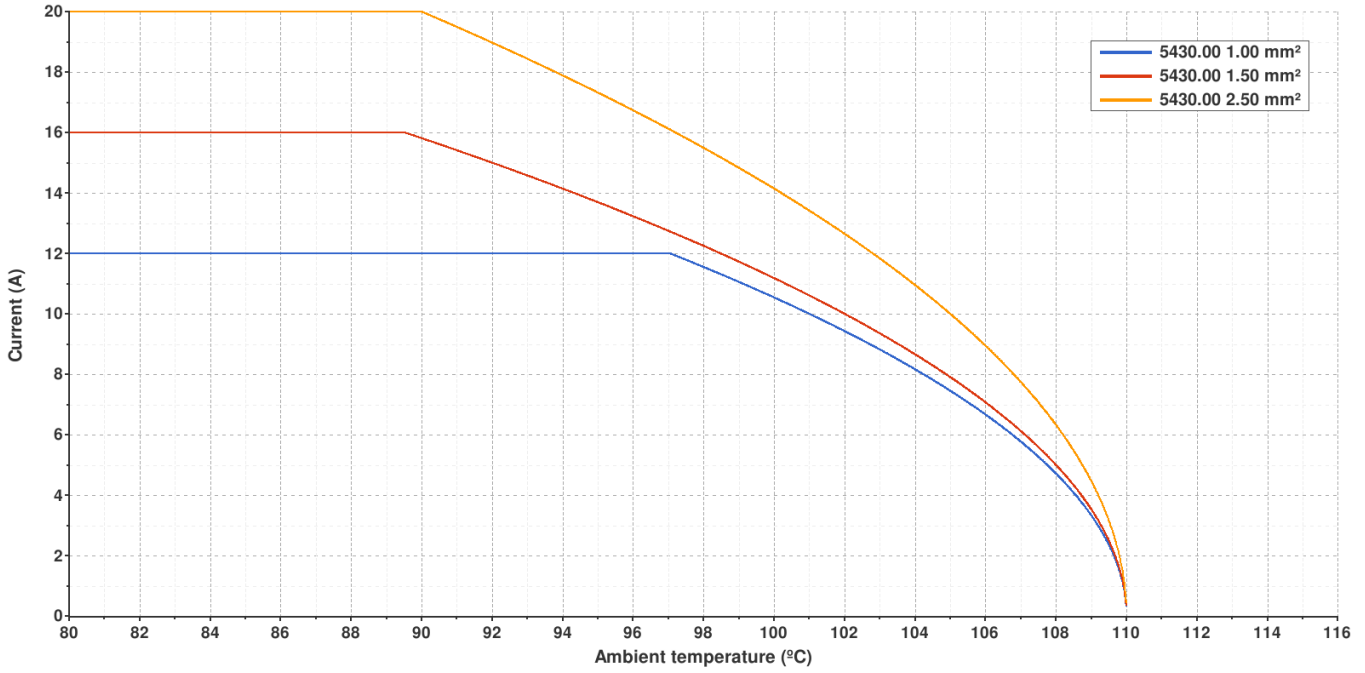
Drawing



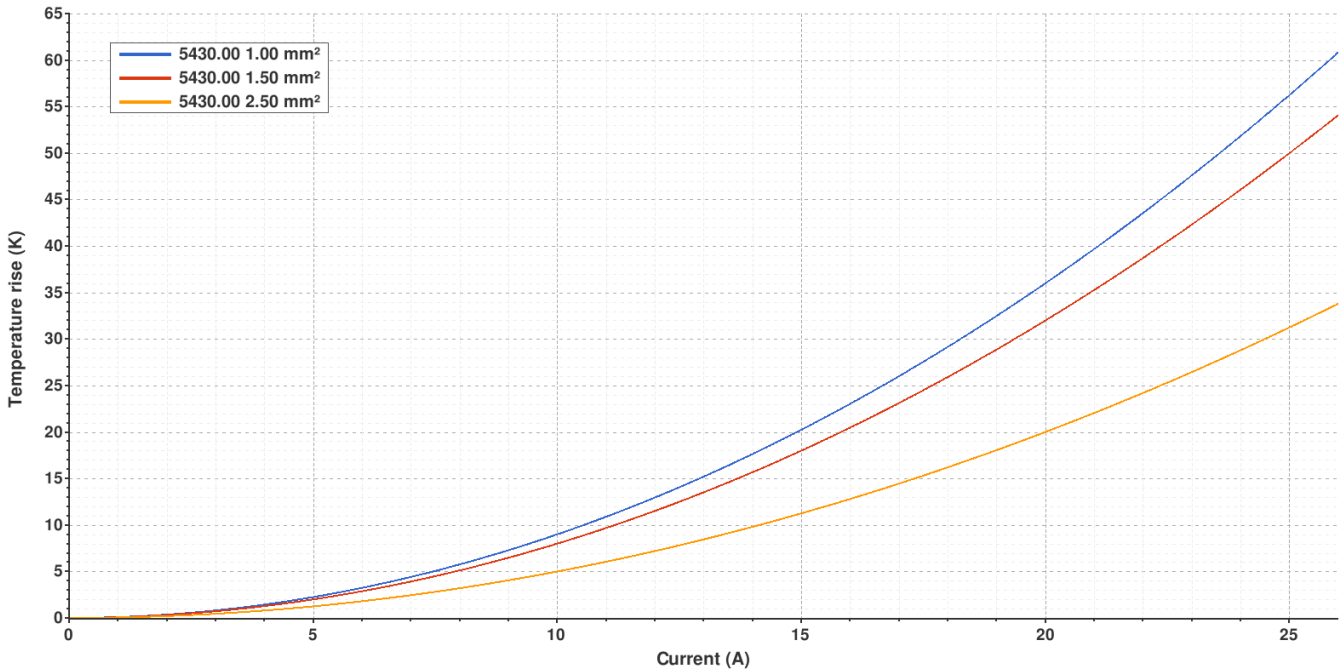
5430.00 NATURAL BRASS
6.3 (.250) TYPE SERIES · FLAGS



Derating curve Current carrying capacity vs. Ambient temperature



Temperature rise curve Terminal temperature rise due to the current carried

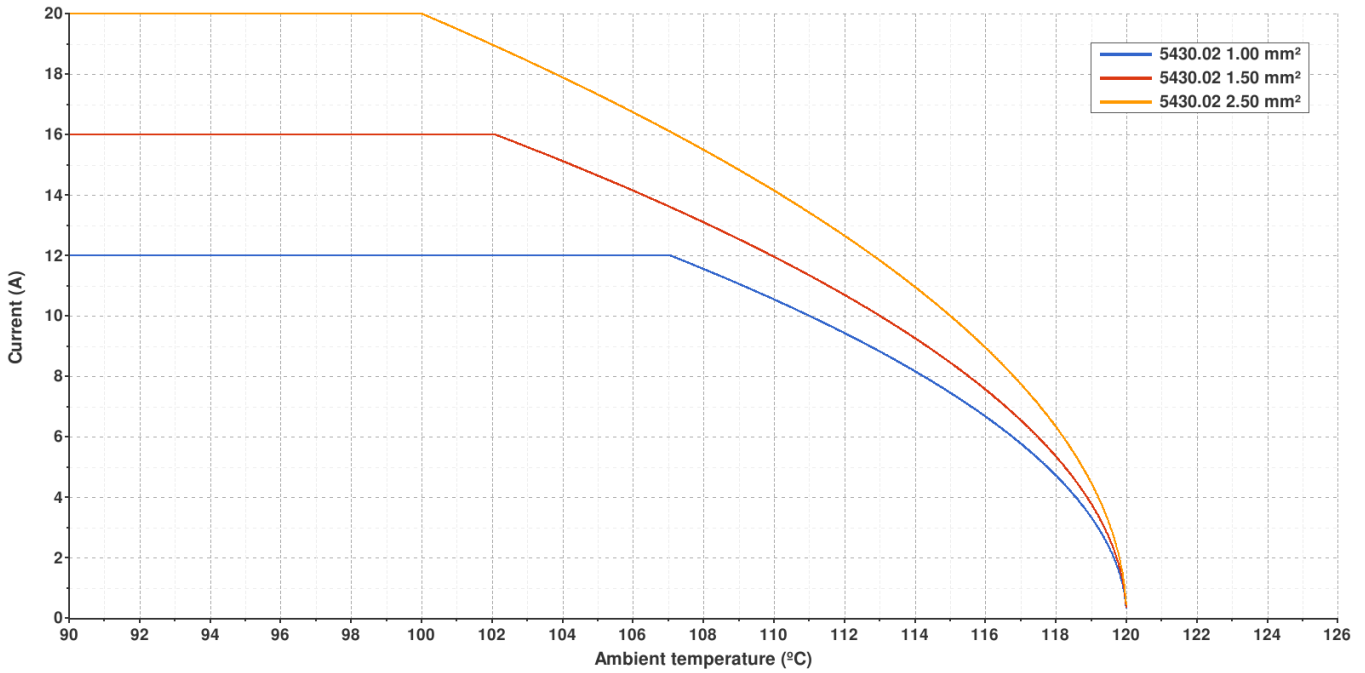


Valid for Natural Brass Tab

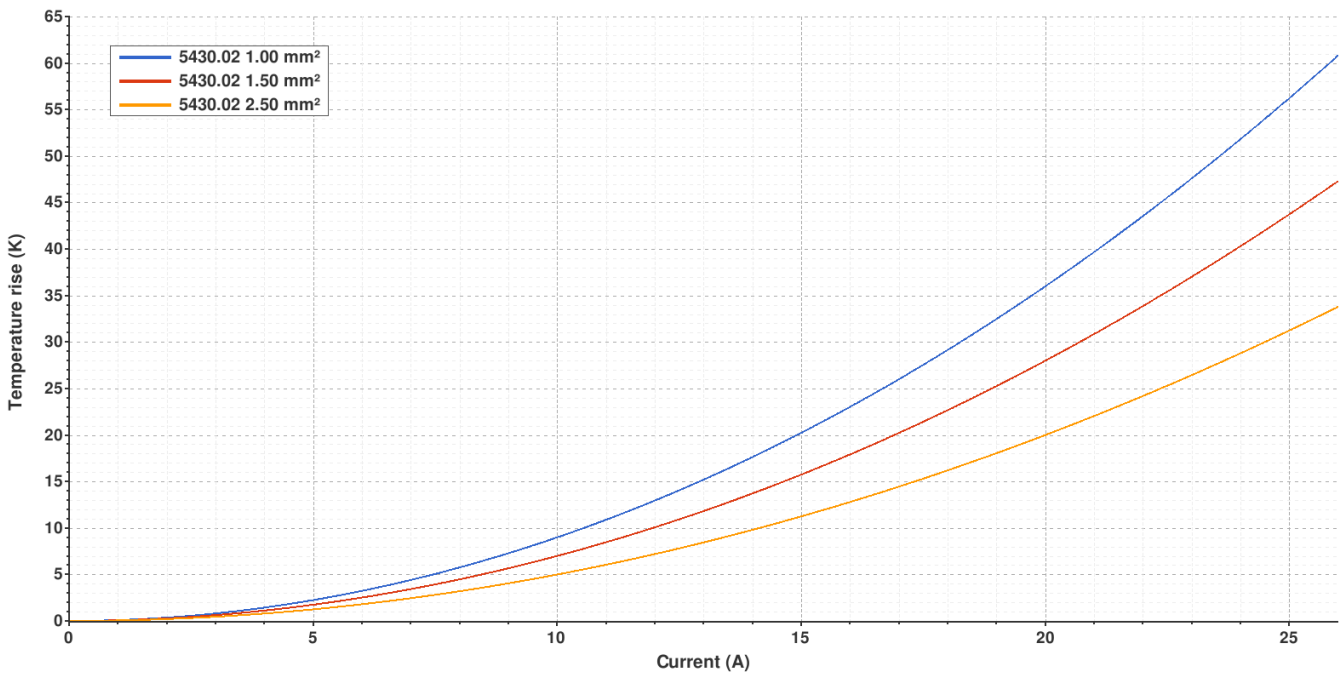
5430.02 TIN PLATED BRASS
6.3 (.250) TYPE SERIES · FLAGS



Derating curve Current carrying capacity vs. Ambient temperature



Temperature rise curve Terminal temperature rise due to the current carried

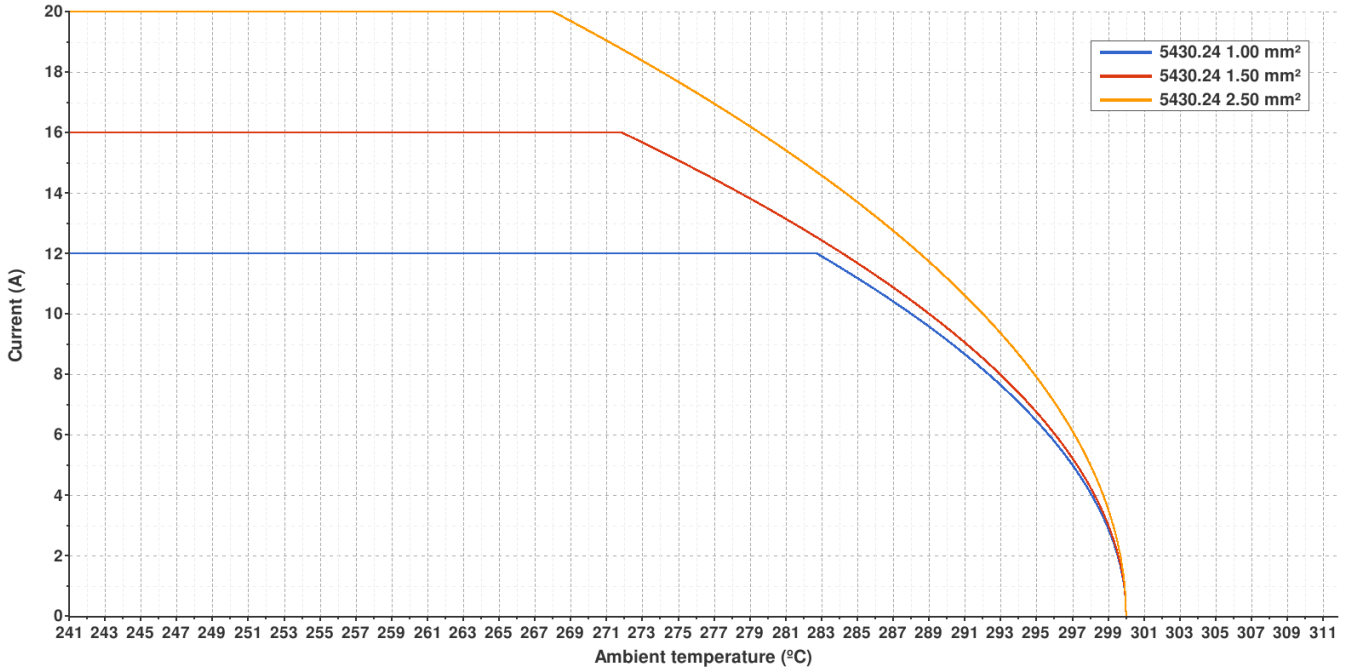


Valid for Natural Brass Tab

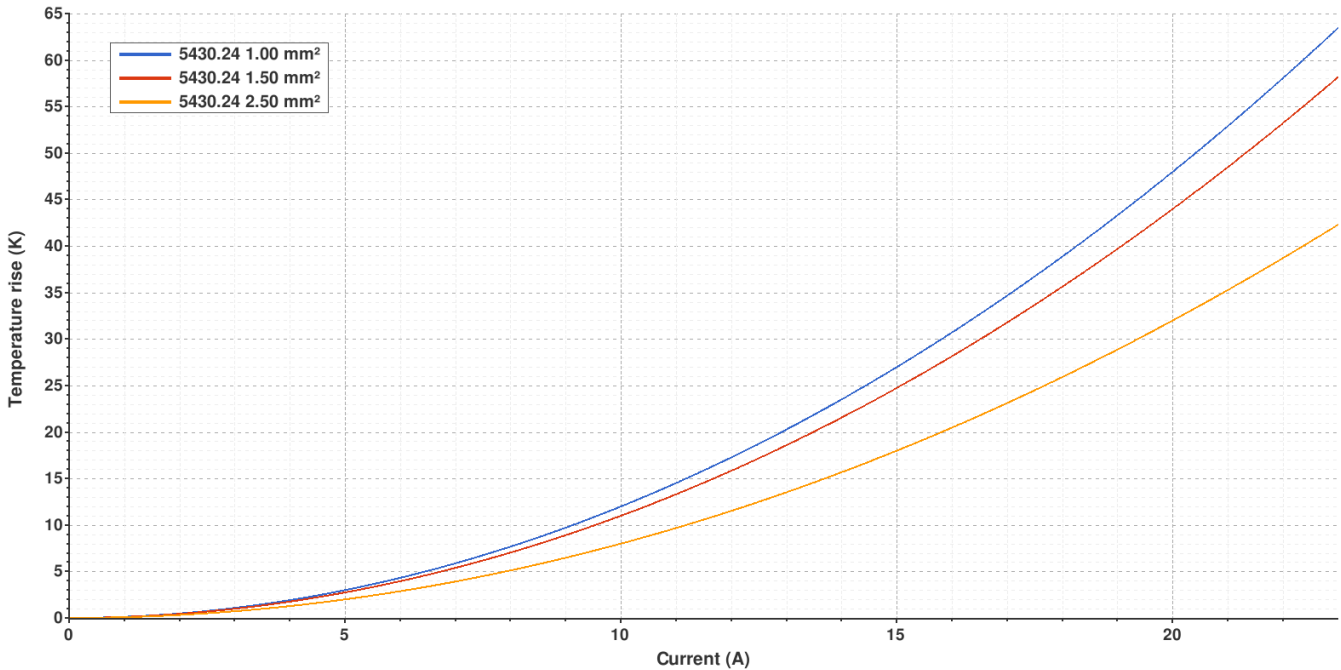
5430.24 NICKEL-PLATED STEEL
6.3 (.250) TYPE SERIES · FLAGS



Derating curve Current carrying capacity vs. Ambient temperature



Temperature rise curve Terminal temperature rise due to the current carried



Valid for Natural Brass Tab

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(T.B.D.): To be determined

Disclaimer

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A1	Datasheet generated automatically [A1]	2021-11-12	E. Roura (Laboratory Dept.)	O. Roura (Engineering Dept.)

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 · www.escubedo.com