

Product Overview / Características Principales

6481.51/8681.81



Description / Descripción: 6481 UP-LES Tab / Terminal macho UP-LES 8681 UP-LES Receptacle / Terminal Hembra UP-LES	
Wire size range / Rango de sección de cable: 0.35 – 0.5 mm ²	
Maximal insulator diameter / Diámetro máximo aislante: -	
Wire stripping / Longitud de pelada: 4.7 ± 0.5 mm	
Application Tool / Util de engaste: MN6481 MN8681	
6481.51 Material : STOL@79	Aleación de cobre pre-estañada
8681.81 Material : KLF5	Pre-tin-plated cooper alloy

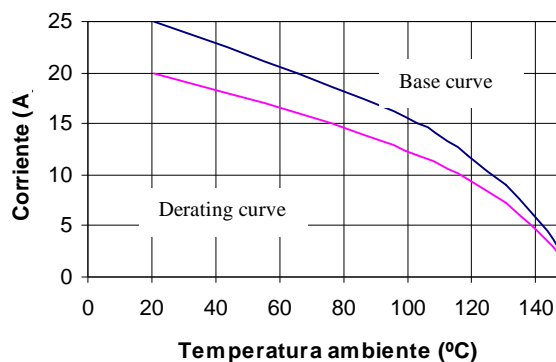
Test values / Resultados de ensayos

Insertion and withdrawal force / Esfuerzo introducción-extracción				
	1° insertion/ 1° introducción	1° withdrawal/ 1° extracción	6° withdrawal/ 6° extracción	10° withdrawal/ 10° extracción
ESCUBEDO	3N min & 6N max	2N min & 4N max	-	-
Typical values	4,5 N	3N	-	-

Current carrying capacity with maximal suitable wire size ⁽¹⁾ Capacidad de paso de corriente con la sección de cable mayor ⁽¹⁾	6 A	
Maximal temperature ⁽²⁾ Temperatura máxima ⁽²⁾	150°C	Typical value Valor típico
Whole contact resistance in the junction tab-receptacle with minimal suitable wire size Resistencia total del conjunto macho-hembra con la sección de cable menor		1.15mΩ
⁽¹⁾ Corriente máxima tomando como guía CEI760 / Maximal current following CEI760		
⁽²⁾ Temperatura máxima del material tomando como guía EN61210 / Max material temperature following EN61210		

Pull-out force / Fuerza de tracción			
Wire size / Sección	DIN 46249	Typical	
		6481	8681
0.35mm ²	-	60 N	50 N
0.5mm ²	80 N	90 N	120 N

Base curve



Crimp data / Datos de engastadura

Wire size / Sección	Conductor				Insulator / Aislante	
	Altura		Anchura		Altura	Anchura
	6481	8681	6481	8681		
0.35 mm ²	1.12	1.05	1.76	1.75	2.0 Máx.	2.34
0.5 mm ²	1.20	1.10	1.77	1.76	2.0 Máx.	2.36

6481.51 insulator in overlapping / 8681.81 insulator in

Values only valid for the application tool specified upwards / Valores válidos únicamente para el útil de engaste especificado arriba

Further information on request / Para más información consultar info@escubedo.com

Nr/Nº	Modification/Modificación	Date/Fecha	Name/ Nombre	Approved / Aprobado
6	Copper crimp data 6481	02/12/2011	D. Martinez	A. Calvet
5	Crimp data insulator 6481/8681 modification	19/03/2010	David Martinez	Joan Carles Sanchez
4	Crimp data insulator 6481/8681 modification	08/09/2009	David Martinez	Joan Carles Sanchez
3	Max material temperatura & derating Curve Modification	08/09/2009	David Martinez	Joan Carles Sanchez
2	Crimp data & pull-out force 8681	08/09/2009	David Martinez	Joan Carles Sanchez
1	Creation & Derating	08/07/2004	Marc Garangou	Luis Barea

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