

Product Overview / Características Principales

6485.51/8685.81



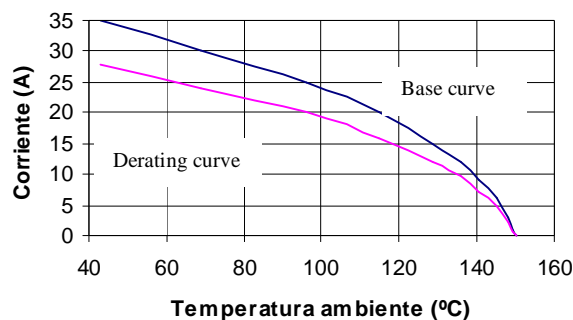
| | |
|--|--------------------------------|
| Description / Descripción: 6485 UP-LES Tab / Terminal macho UP-LES 8685 UP-LES Receptacle / Terminal Hembra UP-LES | |
| Wire size / Sección de cable: 6485 0.5 – 1.5 mm ² 8685 1-1.5 mm ² | |
| Maximal insulator diameter / Diámetro máximo aislante: - | |
| Wire stripping / Longitud de pelada: 4.7 ± 0.5 mm | |
| Application Tool / Util de engaste: MN6485 MN8685 | |
| 6485.51 Material : STOL®79 | Aleación de cobre pre-estañada |
| 8685.81 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⁾ | 10 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 | | 0.79mΩ |
| ⁽¹⁾ Corriente máxima tomando como guía CEI760 / Maximal current following CEI760 | | |
| ⁽²⁾ Temperatura máxima del material tomando como guía DIN61210/Max material temperature following DIN61210 | | |

| Pull-out force / Fuerza de tracción | | | |
|-------------------------------------|--------------|-------------|-------------|
| Wire size / Sección | DIN 46249 | Typical | |
| | | 6485 | 8685 |
| 0.5 mm ² | ≥80 N | > 90N | - |
| 0.75mm ² | ≥120 N | >140N | - |
| 1.0 mm ² | ≥160 N | >200N | 214 N |
| 1.5 mm ² | ≥200 N | >230N | 273 N |



| Crimp data / Datos de engastadura | | | | | | |
|---|-------------|-------------|-------------|-------------|----------------------|-----------------|
| Wire size / Sección | Conductor | | | | Insulator / Aislante | |
| | Altura | | Anchura | | Anchura 6485 | Anchura 8685 |
| | 6485 | 8685 | 6485 | 8685 | | |
| 0.5 mm ² | 1.20 | - | 2.32 | - | 2.67 | 3.00 |
| 0.75 mm ² | 1.30 | - | 2.30 | - | 2.71 | 3.04 |
| 1.0 mm ² | 1.40 | 1.32 | 2.31 | 2.07 | 2.72 | 3.07 |
| 1.5 mm ² | 1.50 | 1.45 | 2.32 | 2.08 | 2.76 | 3.12 |
| 6485.51 insulator in overlapping /8685.81 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 | | | | |
|--|----------------------------|------------|----------------|---------------------|
| 3 | Crimp data modification | 07/12/2011 | D.Martinez | A.Calvet |
| 2 | Standard max. Temp. change | 25/03/2011 | David Martinez | Joan Carles Sanchez |
| 1 | Creation & Derating | 08/07/2004 | Marc Garangou | Luis Barea |
| Nr/Nº | Modification/Modificación | Date/Fecha | Name/ Nombre | Approved / Aprobado |

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