# Battery contacting multi-head

# BCM-667-0001 C02-05-02

Artículo BCM-667-0002

DIRECTAMENTE AL PRODUCTO

ingun®
Partner for Future Technology

- Contacto fiable de las celdas de la batería
- El diseño modular permite escalar la transmisión de potencia con productos estándar INGUN de eficacia probada
- Posibilidad de controlar la tensión mediante un contacto sensor céntrico
- Fácil montaje en placa o riel colector gracias a los pernos roscados flexibles

NEW BATTERY

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## Utilización

BCM-Series is specially developed for the flexible scalability of high-current contacting. The modular design makes it possible to adapt the product characteristics to the application, and therefore always provide the right product for a high variable range of DUTs, as is the case with the contacting of battery cells.

## Construcción

HCM-Products each consist of a base body and several high-current test probes which create a parallel circuit. The functionality can be additionally extended using a centrally positioned sense contact probe or temperature measurement probe with integrated sense tap.

## Montaje

BCM Products can be installed in a corresponding hole on a probe plate using lock nuts or installed directly in a busbar via a corresponding threaded hole. If a BCM Product is installed in a non-conductive plate, for example, the current connection can be made at the threaded bolt via a cable lug. The optional sense contact probe, to be connected to the soldering recess provided, and the temperature sensor are dissipated centrally.

**Nota:**
The base bodies are designed for either five or eight current-transmitting test probes from the BCP-120, BCP-113 and BCP-667 series with various tip styles, which can be freely configured in terms of both quantity and layout. By combining the modular high-current multi-head solution with BCP-667 probes, which were specifically developed for contacting battery cells with oxidised contact surfaces, it is possible to greatly reduce the power losses that occur during cell production.

## Datos generales

| | |
|---|---|
| Screw-in torque max.: | 60 cNm |
| Grupo de productos: | HSS estándar (atornilladas) |
| Subgrupo de productos: | HSS estándar (atornilladas) |
| Serie: | |
| Application rec.: | |
| Rejilla: | 15 mm |
| Dispositivo examinado / contacto: | |
| Magnético: | Sí |
| Modo de montaje: | Atornillable |
| Sistema de cambio rápido: | No |
| Modo de conexión en la punta de contacto: | Conexión roscada |
| Altura de montaje ajustable: | No |
| Con sistema antigiro: | Sí |
| Par de apriete de atornillado: | 60 cNm |
| Temperatura mín.: | -100 °C |
| Temperatura máx.: | 200 °C |
| Conforme RoHS: | Sí |

## Datos sobre el tipo de cabeza

| | |
|---|---|
| Forma del cabezal: | 68 cabeza desplegable con puntas/bordes de corte frontales |
| Diámetro de cabeza: | 2,4 mm |
| Tipo de cabeza superficie: | A Oro |
| Tipo de cabeza material: | 3 CuBe |

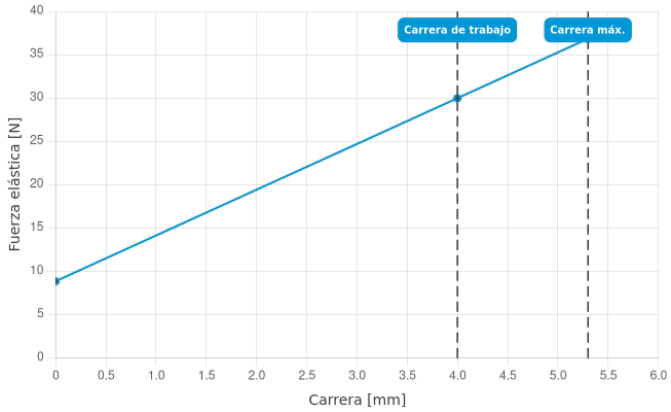
## Datos eléctricos

| | |
|---|---|
| Capacidad de corriente / corriente nominal: | 120 A |
| Corriente nominal sobre cobre @ ΔT ≤ 20 K: | 60 A |
| Corriente nominal sobre cobre @ ΔT ≤ 60 K: | 120 A |
| Corriente nominal sobre aluminio @ ΔT ≤ 20 K: | 50 A |
| Corriente nominal sobre aluminio @ ΔT ≤ 60 K: | 80 A |
| Resistencia (Ri) típica, conexión en el pistón: | 1 mOhm |

## Datos mecánicos

| | |
|---|---|
| Longitud total: | 61,3 mm |
| Diámetro de casquillo del perno: | 14 mm |
| Carrera máxima: | 5,3 mm |
| Precarga de muelle: | 8,88 N |
| Fuerza de resorte durante la carrera de trabajo: | 30 N |
| Carrera de trabajo recomendada: | 4 mm |

TEST PROBES DE ALTA CORRIENTE

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Más información sobre el tema
**Test probes de alta corriente**

TEST PROBES DE ALTA CORRIENTE

Precios y plazos de entrega a consultar.
Cambios técnicos reservados. 06/26_ES