

**HA 16 SMB 2 ENT W/LVR, 3/4in****Article No.:** 105680NP`${ctx.productData.top5String}`**Details****Benefits**

- Small and compact, for applications with high number of contacts

**Application**

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

**Notes**

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

**Remarks**

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 Technical Data

**General information**

|              |                    |
|--------------|--------------------|
| Brand        | EPIC®              |
| Product type | Surface-mount base |
| Design size  | 16A                |

**Electrical parameters**
**Product design**

|                                     |                    |
|-------------------------------------|--------------------|
| With cable gland                    | No                 |
| Number of cable entries             | 2 pc.              |
| Number of cable entries at the top  | 0                  |
| Number of cable entries sideways    | 2                  |
| With levers                         | Yes                |
| Locking mechanism                   | Single lever       |
| Number of locking bolts             | 0                  |
| Total length                        | 3.11 in            |
| Overall width                       | 1.161 in           |
| Overall height                      | 2.244 in           |
| Thread type                         | NPT                |
| Thread size                         | NPT 3/4"           |
| Type of housing                     | Surface-mount base |
| Connector housing design            | Angled             |
| With thread                         | Yes                |
| With hinged lid                     | No                 |
| Connection design                   | Standard           |
| With neck                           | Yes                |
| Screen contact                      | No                 |
| EMC shielding                       | No                 |
| Material connecting piece           | Brass              |
| Material connecting piece shortname | CuZn               |
| Housing main material               | Aluminum           |

|                                   |                                |
|-----------------------------------|--------------------------------|
| Housing base material, short form | Al                             |
| Housing coating                   | Powder-coated                  |
| Lever material                    | Steel                          |
| Material sealing                  | Acrylonitrile butadiene rubber |
| Colour housing                    | gray                           |
| Housing RAL color                 | RAL 9006                       |

### Product features

|                                   |             |
|-----------------------------------|-------------|
| Protection rating (IP), unmounted | IP 65       |
| IP protection rating mounted      | IP 65       |
| Short term temperature peak       | 125 °C      |
| Operating temperature max.        | -40 °C      |
| Operation temperature max.        | 100 °C      |
| UV-resistant                      | Yes         |
| Chemical resistant                | No          |
| Acid-resistant                    | No          |
| Corrosion-resistant according to  | DIN EN 6988 |
| corrosion resistant               | Yes         |
| Halogenfree                       | Yes         |
| Impact proof                      | Yes         |
| Vibration protection              | Yes         |

### Certifications and standards

|                             |   |
|-----------------------------|---|
| CE marking                  | Yes   |
| UR recognized               | Yes   |
| UR certification            | according to UL 1977 (e-file number: E75770)<br>according to UL 50E (e-file number: E75770) |
| UL category control number  | ECBT2   |
| cUR recognized              | Yes   |
| cUR certification           | according to CSA C22.2 No. 182.3 (e-file number: E75770)                                    |
| cUR category control number | ECBT8   |

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|                                   |           |
|-----------------------------------|-----------|
| CSA certified                     | No        |
| VDE certified                     | Yes       |
| VDE registration number           | B437      |
| Product standard according to IEC | IEC 61984 |
| TÜV certified                     | No        |

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**EPIC® H-A 16 SGR-LB (NPT)**

| Article No. | Name                                    | Thread size | Delivery Unit |
|-------------|---|-------------|---------------|
| 105670NP    | HA 16 SMB W/SNG LVR, 3/4in              | NPT 3/4"    |               |
| 105671NP    | HA 16 SMB W/SNG LVR, 1/2in              | NPT 1/2"    |               |
| 105680NP    | HA 16 SMB 2 ENT W/LVR, 3/4in            | NPT 3/4"    |               |
| 704852NP    | HA 16 SMB W/SNG LVR & DC, 1/2in         | NPT 1/2"    |               |
| 704854NP    | HA 16 SMB W/SNG LVR & DC, 3/4in         | NPT 3/4"    |               |
| 704862NP    | HA 16 SMB W/SGL LVR DBL ENT & DC, 1/2in | NPT 1/2"    |               |

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