

EPIC® SOLAR 4 GEN2 SPLITTER MFF**Article No.:** 44428275

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**Details****Benefits**

- Extremely weatherproof and durable thanks to the high-quality materials and solid construction.
- Easy to handle due to the flexible connection options and compact design.
- Available as a variant with two pin inserts (FMM) or with two socket inserts (MFF).
- Additional variants with different plug connectors are available upon request.

Application

- For parallel switching of solar modules and strings.
- For modern, high-performance photovoltaic systems up to 1500 V.
- For use with the EPIC solar connector® SOLAR 4 GEN2 solar connectors.
- Plugged connections have protection class IP 68 (1 m for 1 h).

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

Technical Data

General information

| | |
|-------------------|--------------------|
| Brand | EPIC® |
| Product type | Solar splitter |
| Scope of delivery | including contacts |
| Contacts included | Yes |
| Delivery Unit | 10 |
| Mounting method | plug-in |

Electrical parameters

| | |
|---|----------------------------|
| Rated voltage | 1500 V DC according to IEC |
| Rated current | 30 A according to IEC |
| Protective conductor integrated into insert | No |

Product design

| | |
|--------------------------------------|------------------------|
| Coded | No |
| With protective conductor | No |
| Connector type | Plug / socket / socket |
| Housing main material | Polycarbonate |
| Housing base material, short form | PC |
| Material contact | Copper alloy |
| Contact material, short form | Cu |
| Contact coating material | Tin-plated |
| Contact coating material, short form | Sn |
| Colour description | black |

Product features

| | |
|------------------------------|-----------------|
| IP protection rating mounted | IP 68 - 1m (1h) |
|------------------------------|-----------------|

| | |
|------------------------------|--------|
| Suitable for EX-applications | No |
| Operating temperature max. | -40 °C |
| Operation temperature max. | 85 °C |
| Flame-retardant | No |
| UV-resistant | Yes |
| Halogenfree | No |

Certifications and standards

| | |
|---------------|-----|
| CE marking | No |
| UR recognized | No |
| CSA certified | No |
| VDE certified | Yes |
| TÜV certified | No |

EPIC® SOLAR 4 GEN2 Splitter

| Article No. | Name | Connector type |
|-------------|---------------------------------|------------------------|
| 44428274 | EPIC® SOLAR 4 GEN2 SPLITTER FMM | Socket / plug / plug |
| 44428275 | EPIC® SOLAR 4 GEN2 SPLITTER MFF | Plug / socket / socket |

V1.1