

2 Pole Power Module

for 16 mm² Wire

Advantages

- Crimp version – secure & stable termination
- Wire gauges up to 16mm²
- Requires only 1 module space in frame
- Fits in modular system, can be combined with other modules

Areas of application

- Wind power
- Welding robots
- Railways
- Machinery
- Switchgears
- ...



Technical Data

| Parameter | Standard | Value |
|--------------------------------------|----------------------|------------------------|
| Number of contacts | | 2, crimp |
| Wire gauge | | 16 mm ² |
| Flammability | UL 94 | V-0 |
| Temperature range | IEC 60068 - 1 | -40 to +125° C |
| Mechanical operation | IEC 60512-5; test 9a | > 500 mating cycles |
| Rated voltage | IEC 60664 - 1 | 1000 V |
| Pollution degree | IEC 60664 - 1 | 3 |
| Material group | IEC 60664 - 1 | II (PA) |
| Installation (over voltage) category | IEC 60664 - 1 | III |
| Rated impulse withstand voltage | IEC 60664 - 1 | 8,0kV |
| Contact resistance | IEC 60512-2; test 2a | < 1 mOhm |
| Insulation resistance | IEC 60512-2; test 2a | > 10 ¹² Ohm |
| IP degree of protection | IEC 60529 | 20 |

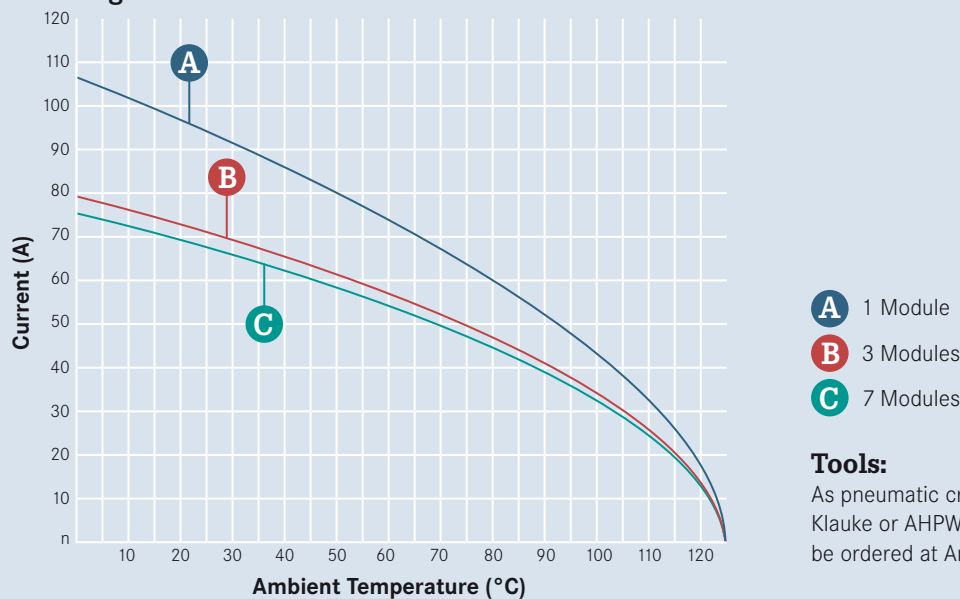
Materials

| | |
|----------|-------------------------|
| Inserts | PA 6, black |
| Contacts | Cu-alloy, silver plated |

Description

| | Modules | Contacts |
|----------------------|--------------------------|---|
| Male module 2 pole | C 146 A 02 801 E8 | VN 01 036 0021 1C - 16,0 mm ² AWG 6 |
| Female module 2 pole | C 146 B 02 801 E8 | VN 02 036 0021 1C - 16,0 mm ² AWG 6 |
| Cable lug for PE | | N 15 043 0003 003 |

Derating curve acc. IEC 60512 -2 test 5b



Tools:

As pneumatic crimp tool use EK 60 / 22-L from company Klauke or AHPW 300 from company Neko. Crimp dies to be ordered at Amphenol: part no. **TE 0600-063**.

General Information

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