# VIP-PA/20XOE/2,0M/FB3000 - Front adapter

1360227

https://www.phoenixcontact.com/us/products/1360227

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VIP power cabling, universal front adapter with assembled shielded round cable for connection to 20-pos. Emerson FB3000 3MSG12 I/O modules. 1 x 20 single wires (each ferruled and marked) can be connected (field connection, e.g., via 20 terminal blocks).

## Commercial data

| | |
|---|---|
| Item number | 1360227 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C423 |
| Product key | DK2BNK |
| GTIN | 4063151692100 |
| Weight per piece (excluding packing) | 325.4 g |
| Customs tariff number | 85444290 |
| Country of origin | MX |

## Technical data

### Product properties

| | |
|---|---|
| Product type | Front adapter |

Insulation characteristics

| | |
|---|---|
| Overvoltage category | II |
| Pollution degree | 2 |

### Electrical properties

| | |
|---|---|
| Operating voltage (DC) | ≤ 31 V DC |
| Current (per branch) | ≤ 0.5 A |

Supported controller: Emerson FB3000

| | |
|---|---|
| Suitable I/O card | 3MSG12 |
| | 3HTSG4 |
| | 3OTSG8 |
| | 3DIS16 |
| | 3DOS16 |
| | 3MSG6 |
| | 3MSG8 |

### Connection data

Controller level

| | |
|---|---|
| Connection method | Plug-in connection |
| Note | Can be plugged onto 12-ch. "3MSG12" I/O modules |

Field level

| | |
|---|---|
| Connection method | Single wires |
| Number of connections | 20 |
| Number of positions | 1 |
| Note | The wires are marked and fitted with ferrules |

### Dimensions

Cable

| | |
|---|---|
| Length | 2 m |

### Cable/line

| | |
|---|---|
| Number of positions | 20 |
| Shielded | yes |
| Conductor type | Assembled shielded round cable |
| AWG signal line | 22 |
| Conductor cross-section | 20x |
| Outer sheath, material | PVC |

| | |
|---|---|
| External sheath, color | gray |
| Conductor material | Tin-plated Cu litz wires |
| Halogen-free | no |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection (IP20) | IP20 |
| Ambient temperature (operation) | -40 °C ... 75 °C |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C |
| Altitude | ≤ 2000 m (above sea level) |
| Permissible humidity (operation) | ≤ 95 % (non-condensing) |
| Permissible humidity (storage/transport) | ≤ 95 % (non-condensing) |

## Notes

| | |
|---|---|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1360227

**cUL Recognized**
Approval ID: CoC E196811-20230227

**UL Recognized**
Approval ID: UL CoC

**ATEX**
Approval ID: UL22ATEX2930X

**UKCA-EX**
Approval ID: UL22UKEX2748X

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27242292 |
| ECLASS-15.0 | 27242292 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002584 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |

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