

General ordering data

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|------------------|---------------|
| Order No. | 1936780000 |
| Part designation | WGK 16 VP |
| EAN | 4032248664467 |
| Qty. | 50 pc(s). |

Product notes

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|----------------------|--------------------------------------------------------------------------------------------------------|
| Note, technical data | Metal walls: 1 – 2.5 mm = 800 V; 2.5 – 4 mm = 690 V; 4 – 6 mm = 500 V; plastic walls: 1 – 6 mm = 800 V |
|----------------------|--------------------------------------------------------------------------------------------------------|

Conductors suitable for clamping

| | |
|--------------------------------------------------------------|---------------------|
| Solid, min. | 0.5 mm ² |
| Solid, max. | 16 mm ² |
| Stranded, min. | 10 mm ² |
| Stranded, max. | 25 mm ² |
| Flexible, min. | 0.5 mm ² |
| Flexible, max. | 16 mm ² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0.5 mm ² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 16 mm ² |
| Twin wire-end ferrule, min. | 0.5 mm ² |
| Twin wire end ferrule, max. | 6 mm ² |
| AWG conductor size, min. | AWG 20 |
| AWG conductor size, max. | AWG 4 |

Rated data to IEC

| | |
|-----------------------------|--------------------|
| Current with max. conductor | 101 A |
| Pollution severity | 3 |
| Rated cross-section | 16 mm ² |
| Rated current | 76 A |
| Rated impulse voltage | 6 kV |
| Rated voltage | 500 V |
| Standards | IEC 60947- 7- 1 |

Technical data

| | |
|-------------------------|---------------------|
| Blade size | 1.0 x 5.5 mm |
| Clamping range, max. | 25 mm ² |
| Clamping range, min. | 0.5 mm ² |
| Clamping screw | M 5 |
| Gauge to IEC 60947-1 | B7 |
| No. of connections | 2 |
| Stripping length | 16 mm |
| Tightening torque range | 3.0 Nm |

Technical specification

| | |
|-------------------------------|-------|
| Colour of insulating material | grey |
| Insulating material | Wemid |

Additional technical data

| | |
|--------------------------------------------------|-------|
| Colour of insulating material | grey |
| Insulating material | Wemid |
| UL 94 flammability rating of insulation material | V-0 |

CSA rating data

| | |
|--------------------------|--------|
| Voltage (CSA) | 600 V |
| CSA current | 85 A |
| Min. cross-section (CSA) | AWG 20 |
| Max. cross-section (CSA) | AWG 4 |

Conductors for clamping (rated connection)

| | |
|--------------------------------------------------------------|---------------------|
| Clamping range, min. | 0.5 mm ² |
| Clamping range, max. | 25 mm ² |
| No. of connections | 2 |
| Stripping length | 16 mm |
| Clamping screw | M 5 |
| Blade size | 1.0 x 5.5 mm |
| Tightening torque range | 3.0 Nm |
| Gauge to IEC 60947-1 | B7 |
| Solid, min. | 0.5 mm ² |
| Solid, max. | 16 mm ² |
| Stranded, min. | 10 mm ² |
| Stranded, max. | 25 mm ² |
| Flexible, min. | 0.5 mm ² |
| Flexible, max. | 16 mm ² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0.5 mm ² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 16 mm ² |
| Twin wire-end ferrule, min. | 0.5 mm ² |
| Twin wire end ferrule, max. | 6 mm ² |
| AWG conductor size, min. | AWG 20 |
| AWG conductor size, max. | AWG 4 |

Dimensions

| | |
|--------------------------|---------|
| Width | 12.1 mm |
| Height of lowest version | 40 mm |
| Length | 34.6 mm |

UL rating data

| | |
|-------------------------|--------|
| Voltage (UL) | 600 V |
| Current (UL) | 85 A |
| Min. cross-section (UL) | AWG 20 |
| Max. cross-section (UL) | AWG 4 |

Approvals

Approvals institutes



Classifications

eClass 5.1

27-14-11-34

Similar products

| Order No. | Part designation | Version |
|------------|-------------------|---------|
| 1936770000 | WGK 16 VP GN/YE | |
| 1936800000 | WGK 16 VP/Z | |
| 1936790000 | WGK 16 VP/Z GN/YE | |