

General ordering data

Order No.	1937080000
Part designation	WGK 50 VP/Z
EAN	4032248664665
Qty.	10 pc(s).

Product notes

Note, technical data	Metal walls: 1 - 2.5 mm = 800 V; 2.5 - 6 mm = 690 V; plastic walls: 1 - 6 mm = 800 V
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Conductors suitable for clamping

Solid, min.	16 mm ²
Solid, max.	16 mm ²
Stranded, min.	16 mm ²
Stranded, max.	50 mm ²
Flexible, min.	16 mm ²
Flexible, max.	50 mm ²
Flexible with ferrule, min. (DIN 46228/1)	10 mm ²
Flexible with ferrule, max. (DIN 46228/1)	50 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	10 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	50 mm ²
Twin wire-end ferrule, min.	6 mm ²
Twin wire end ferrule, max.	10 mm ²
AWG conductor size, min.	AWG 6
AWG conductor size, max.	AWG 0

Rated data to IEC

Current with max. conductor	150 A
Pollution severity	3
Rated cross-section	50 mm ²
Rated current	150 A
Rated impulse voltage	8 kV
Rated voltage	690 V
Standards	IEC 60947- 7- 1

Technical data

Blade size	1.2 x 8 mm
Clamping range, max.	50 mm ²
Clamping range, min.	16 mm ²
Clamping screw	M 8
Gauge to IEC 60947-1	B10
No. of connections	2
Stripping length	24 mm
Tightening torque range	4 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	145 A
Min. cross-section (CSA)	AWG 6
Max. cross-section (CSA)	AWG 1

Conductors for clamping (rated connection)

Clamping range, min.	16 mm ²
Clamping range, max.	50 mm ²
No. of connections	2
Stripping length	24 mm
Clamping screw	M 8
Blade size	1.2 x 8 mm
Tightening torque range	4 Nm
Gauge to IEC 60947-1	B10
Solid, min.	16 mm ²
Solid, max.	16 mm ²
Stranded, min.	16 mm ²
Stranded, max.	50 mm ²
Flexible, min.	16 mm ²
Flexible, max.	50 mm ²
Flexible with ferrule, min. (DIN 46228/1)	10 mm ²
Flexible with ferrule, max. (DIN 46228/1)	50 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	10 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	50 mm ²
Twin wire-end ferrule, min.	6 mm ²
Twin wire end ferrule, max.	10 mm ²
AWG conductor size, min.	AWG 6
AWG conductor size, max.	AWG 0

Dimensions

Width	18.8 mm
Height of lowest version	54 mm
Length	43 mm

UL rating data

Voltage (UL)	600 V
Current (UL)	145 A
Min. cross-section (UL)	AWG 6
Max. cross-section (UL)	AWG 1

Approvals

Approvals institutes



Classifications

eClass 5.1

27-14-11-34

Similar products

Order No.	Part designation	Version
1937060000	WGK 50 VP	
1937050000	WGK 50 VP GN/YE	
1937070000	WGK 50 VP/Z GN/YE	