# Data sheet 1387.2 KBL 2,5-D BG





Feed-through terminal for direct mount/block variant, Screw connection, Mounting type: Mounting surface, Rated cross-section: 2.5 mm², Width: 5 mm, Colour: Beige

### **Business data**

Dusiness data	
Article number	<u>1387.2</u>
Article name	KBL 2,5-D BG
GTIN (EAN)	4044211044282
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	5.66 g
Weight per piece (including packaging)	6.43 g
Unit of weight	G
Customs number	85369010
Prio-Article	1387.2
Product description	Feed-through terminal for direct mount/block variant





Dimensions Length 48 mm  Midth 5 mm  Height 36.5 mm  Rattings Rated voltage 300 V Rated current 20 A Rated corses-section 2.5 mm² Rated inpulse voltage 6 kV  Divervoltage category III  Contamination degree 3 Maximum power dissipation for nominal condition 0.64 W  Connection data  Connection principle Screw connection  Connection position Lateral  Connections 2 Number of terminals per level 2 Number of levels 1  Mire cross-section single-core (rigid)/stranded, min. 0.2 mm²  Mire cross-section stranded, min. 0.2 mm²  Mire cross-section stranded min. 0.2 mm²  Mire cross-section stranded max. 4 mm²  Mire cross-section stranded with wire-end ferrules, nin.  Mire cross-section stranded with wire-end ferrules, max.  Mire cross-section stranded with wire-end ferrules, max.		
Length 48 mm  Midth 5 mm  Height 36.5 mm  Ratings  Rated voltage 300 V  Rated current 20 A  Rated cross-section 2.5 mm²  Rated impulse voltage 6 kV  Dovervoltage category III  Contamination degree 3  Maximum power dissipation for nominal condition 0.64 W  Connection data  Connection principle Screw connection  Connection position Lateral  Connections 2  Number of terminals per level 2  Number of levels 1  Mire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Mire cross-section stranded with wire-end ferrules, min.  Mire cross-section stranded with wire-end ferrules, min.  Mire cross-section stranded with wire-end ferrules, max.  Mire cross-section stranded with wire-end ferrules, max.  Mire cross-section stranded with wire-end ferrules, max.  Mire cross-section stranded with wire-end ferrules, max.	Technical data	
Midth 5 mm  Height 36.5 mm  Ratings Rated voltage 300 V Rated current 20 A Rated cross-section 2.5 mm² Rated impulse voltage 6 kV  Divervoltage category III  Contamination degree 3 Maximum power dissipation for nominal condition 0.64 W  Connection data  Connection principle Screw connection  Connection position Lateral  Connections 2 Number of terminals per level 2 Number of levels 1  Mire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Mire cross-section stranded, min. 0.2 mm²  Mire cross-section stranded with wire-end ferrules, min.  Mire cross-section stranded with wire-end ferrules, max.  Mire cross-section stranded with wire-end ferrules, max.  Mire cross-section stranded with wire-end ferrules, max.	Dimensions	
Ratings Rated voltage 300 V Rated current 20 A Rated cross-section 2.5 mm² Rated impulse voltage 6 kV Divervoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 0.64 W Connection data Connection principle Screw connection Connection position Lateral Connections 2 Number of terminals per level 2 Number of levels 1 Mire cross-section single-core (rigid) / stranded, min. 0.2 mm² Mire cross-section stranded, min. 0.2 mm² Mire cross-section stranded with wire-end ferrules, min.  Mire cross-section stranded with wire-end ferrules, max.	Length	48 mm
Rated voltage 300 V Rated current 20 A Rated cross-section 2.5 mm² Rated impulse voltage 6 kV Divervoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 0.64 W Connection data Connection principle Screw connection Connection position Lateral Connections 2 Number of terminals per level 2 Number of levels 1 Mire cross-section single-core (rigid) / stranded, min. 0.2 mm² Mire cross-section stranded, min. 0.2 mm² Mire cross-section stranded with wire-end ferrules, min.  Mire cross-section stranded with wire-end ferrules, min.  Mire cross-section stranded with wire-end ferrules, max.  Mire cross-section stranded with wire-end ferrules, min.  Mire cross-section stranded with wire-end ferrules, min.  Mire cross-section stranded with wire-end ferrules, max.  Mire cross-section stranded with wire-end ferrules, max.	Width	5 mm
Rated voltage 300 V Rated current 20 A Rated cross-section 2.5 mm² Rated impulse voltage 6 kV Divervoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 0.64 W Connection data Connection principle Screw connection Connection position Lateral Connections 2 Number of terminals per level 2 Number of levels 1 Nire cross-section single-core (rigid) / stranded, min. 0.2 mm² Nire cross-section stranded, min. 0.2 mm² Nire cross-section stranded, min. 0.2 mm² Nire cross-section stranded with wire-end ferrules, min. Nire cross-section stranded with wire-end ferrules, max.  Nire cross-section stranded with wire-end ferrules, max.	Height	36.5 mm
Rated current 20 A Rated cross-section 2.5 mm² Rated impulse voltage 6 kV  Divervoltage category III  Contamination degree 3  Maximum power dissipation for nominal condition 0.64 W  Connection data  Connection principle Screw connection  Connection position Lateral  Connections 2  Number of terminals per level 2  Number of levels 1  Mire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Mire cross-section stranded, min. 0.2 mm²  Mire cross-section stranded, max. 4 mm²  Mire cross-section stranded with wire-end ferrules, nin.  Mire cross-section stranded with wire-end ferrules, nax.  Mire cross-section stranded with wire-end ferrules, nax.	Ratings	
Rated cross-section 2.5 mm² Rated impulse voltage 6 kV  Divervoltage category III  Contamination degree 3  Maximum power dissipation for nominal condition 0.64 W  Connection data  Connection principle Screw connection  Connection position Lateral  Connections 2  Number of terminals per level 2  Number of levels 1  Wire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded, max. 4 mm²  Wire cross-section stranded, max. 4 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²	Rated voltage	300 V
Rated impulse voltage  Overvoltage category  III  Contamination degree  Maximum power dissipation for nominal condition  O.64 W  Connection data  Connection principle  Connection position  Lateral  Connections  2  Number of terminals per level  Vire cross-section single-core (rigid) / stranded, min.  Wire cross-section stranded, min.  Wire cross-section stranded, max.  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section stranded with wire-end ferrules, max.	Rated current	20 A
Divervoltage category  Contamination degree  3  Maximum power dissipation for nominal condition  Connection data  Connection principle  Connection position  Connections  2  Number of terminals per level  Number of levels  Nire cross-section single-core (rigid) / stranded, min.  Nire cross-section stranded, min.  Nire cross-section stranded, max.  Nire cross-section stranded with wire-end ferrules, min.  Nire cross-section stranded with wire-end ferrules, max.	Rated cross-section	2.5 mm <sup>2</sup>
Contamination degree 3  Maximum power dissipation for nominal condition 0.64 W  Connection data  Connection principle Screw connection  Connection position Lateral  Connections 2  Number of terminals per level 2  Number of levels 1  Mire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Mire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Mire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Mire cross-section stranded with wire-end ferrules, min. 0.2 mm²	Rated impulse voltage	6 kV
Maximum power dissipation for nominal condition 0.64 W  Connection data  Connection principle Screw connection  Connection position Lateral  Connections 2  Number of terminals per level 2  Number of levels 1  Mire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Mire cross-section stranded, min. 0.2 mm²  Mire cross-section stranded, min. 0.2 mm²  Mire cross-section stranded, max. 4 mm²  Mire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Mire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Mire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Mire cross-section stranded with wire-end ferrules, min. 0.2 mm²	Overvoltage category	III
Connection data Connection principle Connection position Connections 2 Number of terminals per level 2 Number of levels 1 Wire cross-section single-core (rigid) / stranded, min. Wire cross-section stranded, min. Wire cross-section stranded, max. Wire cross-section stranded, max.  Wire cross-section stranded with wire-end ferrules, min.  2.5 mm²	Contamination degree	3
Connection principle Connection position Lateral Connections 2 Number of terminals per level 2 Number of levels 1 Wire cross-section single-core (rigid) / stranded, min. Wire cross-section single core (rigid)/stranded, max. 4 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded, max. 4 mm² Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, min.  2.5 mm²	Maximum power dissipation for nominal condition	0.64 W
Connection position  Lateral  Connections  2  Number of terminals per level  2  Number of levels  1  Wire cross-section single-core (rigid) / stranded, min.  Wire cross-section single core (rigid)/stranded, max.  4 mm²  Wire cross-section stranded, min.  0.2 mm²  Wire cross-section stranded, max.  4 mm²  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section stranded with wire-end ferrules, max.  25 mm²  26 mm²	Connection data	
Number of terminals per level  Number of levels  Number of levels  Nire cross-section single-core (rigid) / stranded, min.  Nire cross-section single core (rigid)/stranded, max.  Nire cross-section stranded, min.  Nire cross-section stranded, max.  Nire cross-section stranded, max.  Nire cross-section stranded with wire-end ferrules, min.  Nire cross-section stranded with wire-end ferrules, max.	Connection principle	Screw connection
Number of terminals per level 2 Number of levels 1 Wire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section single core (rigid)/stranded, max. 4 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded, max. 4 mm² Wire cross-section stranded with wire-end ferrules, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, max. 2.5 mm²	Connection position	Lateral
Number of levels  Nire cross-section single-core (rigid) / stranded, min.  Nire cross-section single core (rigid)/stranded, max.  Nire cross-section stranded, min.  Nire cross-section stranded, max.  Nire cross-section stranded with wire-end ferrules, min.  Nire cross-section stranded with wire-end ferrules, min.  Nire cross-section stranded with wire-end ferrules, min.  Nire cross-section stranded with wire-end ferrules, max.  2.5 mm²	Connections	2
Wire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Wire cross-section single core (rigid)/stranded, max. 4 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded, max. 4 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 2.5 mm²	Number of terminals per level	2
Wire cross-section single core (rigid)/stranded, max. 4 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded, max. 4 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, max. 2.5 mm²	Number of levels	1
Wire cross-section stranded, min.  O.2 mm²  Wire cross-section stranded, max.  4 mm²  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, 2.5 mm²	Wire cross-section single-core (rigid) / stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.  4 mm²  Wire cross-section stranded with wire-end ferrules, min.  0.2 mm²  Wire cross-section stranded with wire-end ferrules, 2.5 mm²	Wire cross-section single core (rigid)/stranded, max.	4 mm²
Wire cross-section stranded with wire-end ferrules, min.  O.2 mm²  Wire cross-section stranded with wire-end ferrules, ax.  2.5 mm²	Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Mire cross-section stranded with wire-end ferrules, max.  0.2 mm²  2.5 mm²	Wire cross-section stranded, max.	4 mm <sup>2</sup>
max.	Wire cross-section stranded with wire-end ferrules, min.	0.2 mm <sup>2</sup>
Nire cross-section AWG, min. 22	Wire cross-section stranded with wire-end ferrules, max.	2.5 mm <sup>2</sup>
	Wire cross-section AWG, min.	22
Wire cross-section AWG, max. 14	Wire cross-section AWG, max.	14
Stripping length 7 mm	Stripping length	7 mm
Screw head Slotted	Screw head	Slotted
Screw threading M 2,5	Screw threading	M 2,5
Fightening torque, min. 0.4 Nm	Tightening torque, min.	0.4 Nm
Fightening torque, max. 0.8 Nm	Tightening torque, max.	0.8 Nm





Technical data	
Materials	
Insulation housing	Polyamide 6.6
Flammability class UL 94	V-2
Working temperature, min.	-40 °C
Working temperature, max.	105 °C
Further technical data	
Mounting type	Mounting face
Gauge plug acc. to EN 60 947-1	A3
Number of cross-connection channels	1
End plate required	✓
Number of test pick-off options	1
Environmental Product Compliance	
REACH Candidate Substance Note	No





Approvals		
Standards and regulations		
EAC approval	TR ZU 004/2011	
EAC approval granted	yes	





### Media





### 1387.2 KBL 2,5-D BG



#### **Accessories**

#### Cover



Cover, Length: 26.5 mm, Width: 5 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2952.0	AD 1/5/B YE	4044211056803	50 ST

### Insulated external cross-connector



External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14.36 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2024.0	AQI 3/5/15 YE	4044211048273	50



External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 9.26 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2023.0	AQI 2/5/15 YE	4044211048266	50 ST



External insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 19.46 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2028.0	AQI 4/5/15 YE	4044211048310	50 ST



External insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 50.1 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2029.0	AQI 10/5/15 YE	4044211048327	10 ST

#### **End support**

### 1387.2 KBL 2,5-D BG





End support, Mounting type: Mounting surface, Width: 8 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2180.2	EH 4 BG	4044211050023	50

#### **Cross-connector**



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 19.3 mm, Rated cross-section: 2.5 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2569.0	Q 4	4044211053598	20 ST



Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 49.9 mm, Rated cross-section: 2.5 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2570.0	Q 10	4044211053604	10 ST



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 14.2 mm, Rated cross-section: 2.5 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2568.0</u>	Q 3	4044211053581	50 ST



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 9.1 mm, Rated cross-section: 2.5 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
<u>2567.0</u>	Q 2	4044211053574	50 ST

#### **Screwdriver**

# Data sheet 1387.2 KBL 2,5-D BG



Screwdriver with bare blade, Colour: Black-grey



Article number	Article name	GTIN (EAN)	Packaging unit
1085.0	SDB 0,5x3,0	4044211014643	1 ST