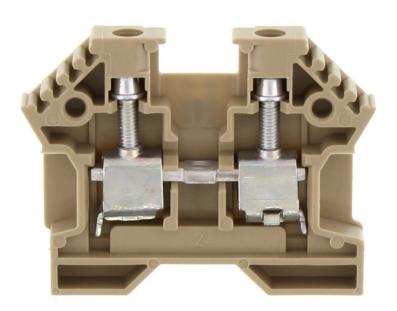
# Data sheet 1388.2 KBL 2,5-4-D BG





Feed-through terminal for direct mount/block variant, Screw connection, Mounting type: Mounting surface, Rated cross-section: 4 mm², Width: 6 mm, Colour: Beige

#### **Business data**

business data	
Article number	1388.2
Article name	KBL 2,5-4-D BG
GTIN (EAN)	4044211044299
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	8.79 g
Weight per piece (including packaging)	9.4 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Prio-Article	1388.2
Product description	Feed-through terminal for direct mount/block variant





Dimensions         48 mm           United th         6 mm           Height         36.5 mm           Ratings         Rated voltage           Rated voltage         700 V           Rated current         32 A           Rated cross-section         4 mm²           Rated impulse voltage         6 kV           Overvoltage category         III           Contamination degree         3           Maximum power dissipation for nominal condition         1.02 W           Connection data         Connection principle           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 with wire-end ferrules, min.         0.2 mm²           Wire cross-section stranded with wire-end ferrules, min.         0.2 mm²           Wire cross-section AWG, min.         22           Wire cross-section AWG, max.         10           Stripping length         12 mm		
Length         48 mm           Width         6 mm           Height         36.5 mm           Ratings         700 V           Rated voltage         700 V           Rated current         32 A           Rated cross-section         4 mm²           Rated impulse voltage         6 kV           Overvoltage category         III           Contamination degree         3           Maximum power dissipation for nominal condition         1.02 W           Connection data         Connection principle           Connection position         Lateral           Connections         2           Number of terminals per level         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 with wire-end ferrules, min.         0.2 mm²           Wire cross-section stranded with wire-end ferrules, min.         4 mm²           Wire cross-section AWG, min.         22           Wire cross-section AWG, min.         22           Wire cross-section AWG, max.         10           Stripping l	Technical data	
Width         6 mm           Height         36.5 mm           Ratings         700 V           Rated voltage         700 V           Rated current         32 A           Rated cross-section         4 mm²           Rated impulse voltage         6 kV           Overvoltage category         III           Contamination degree         3           Maximum power dissipation for nominal condition         1.02 W           Connection data         Connection principle           Connection principle         Screw connection           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 with wire-end ferrules, min.         0.2 mm²           Wire cross-section stranded with wire-end ferrules, min.         0.2 mm²           Wire cross-section AWG, min.         22           Wire cross-section AWG, min.         22           Wire cross-section AWG, max.         10           Stripping length         12 mm           Screw head         Slotted           Sc	Dimensions	
Ratings Rated voltage 700 V Rated current 32 A Rated cross-section 4 mm² Rated impulse voltage 6 kV Overvoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 1.02 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, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, max. Wire cross-section AWG, min. 22 Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 10 Stripping length 12 mm Screw head Slotted Screw threading M3	Length	48 mm
Ratings Rated voltage 700 V Rated current 32 A Rated coross-section 4 mm² Rated impulse voltage 6 kV Overvoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 1.02 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, min. 0.2 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, max. Wire cross-section AWG, min. 22 Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 10 Stripping length 12 mm Screw head Slotted Screw threading M3	Width	6 mm
Rated voltage 700 V Rated current 32 A Rated current 32 A Rated cross-section 4 mm² Rated impulse voltage 6 kV Overvoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 1.02 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, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, max. 4 mm² Wire cross-section AWG, min. 22 Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 10 Stripping length 12 mm Screw head Slotted Screw threading M 3	Height	36.5 mm
Rated current 32 A Rated cross-section 4 mm² Rated impulse voltage 6 kV Overvoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 1.02 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, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, max. Wire cross-section AWG, min. 22 Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 10 Stripping length 12 mm Screw head Slotted Screw threading M 3	Ratings	
Rated cross-section 4 mm² Rated impulse voltage 6 kV  Overvoltage category III  Contamination degree 3  Maximum power dissipation for nominal condition 1.02 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, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, max. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, max. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, max. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, max. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, max. 0.2 mm²  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 10  Stripping length 12 mm  Screw head Slotted  Screw threading M 3	Rated voltage	700 V
Rated impulse voltage 6 kV  Overvoltage category III  Contamination degree 3  Maximum power dissipation for nominal condition 1.02 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 with wire-end ferrules, min.  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  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, max. 10  Stripping length 12 mm  Screw head Slotted  Screw threading M 3	Rated current	32 A
Overvoltage category III  Contamination degree 3  Maximum power dissipation for nominal condition 1.02 W  Connection data  Connection principle Screw connection  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, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 10  Stripping length 12 mm  Screw threading M3	Rated cross-section	4 mm²
Contamination degree 3  Maximum power dissipation for nominal condition 1.02 W  Connection data  Connection principle Screw connection  Connections 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, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 10  Stripping length 12 mm  Screw head Slotted  Screw threading M3	Rated impulse voltage	6 kV
Maximum power dissipation for nominal condition  Connection data  Connection principle  Connection position  Lateral  Connections  2  Number of terminals per level  Number of levels  1  Wire cross-section single-core (rigid) / stranded, min.  Wire cross-section stranded, min.  0.2 mm²  Wire cross-section stranded, min.  0.2 mm²  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  10  Stripping length  Screw head  Slotted  Screw threading  M 3	Overvoltage category	III
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 single core (rigid)/stranded, max. 6 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded, 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  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, max. 4 mm²  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 10  Stripping length 12 mm  Screw head Slotted  Screw threading M 3	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. 0.2 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.  Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 10 Stripping length 12 mm Screw head Slotted Screw threading M 3	Maximum power dissipation for nominal condition	1.02 W
Connection position  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 with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section stranded with wire-end ferrules, max.  Use cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  10  Stripping length  12 mm  Screw head  Slotted  Screw threading  M 3	Connection data	
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 single core (rigid)/stranded, max.       6 mm²         Wire cross-section stranded, 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.       4 mm²         Wire cross-section AWG, min.       22         Wire cross-section AWG, max.       10         Stripping length       12 mm         Screw head       Slotted         Screw threading       M 3	Connection principle	Screw connection
Number of terminals per level  Number of levels  Vire cross-section single-core (rigid) / stranded, min.  Vire cross-section single core (rigid)/stranded, max.  Vire cross-section stranded, min.  Vire cross-section stranded, min.  Vire cross-section stranded, max.  Vire cross-section stranded with wire-end ferrules, min.  Vire cross-section stranded with wire-end ferrules, max.  Vire cross-section stranded with wire-end ferrules, max.  Vire cross-section AWG, min.  22  Vire cross-section AWG, max.  10  Stripping length  12 mm  Screw head  Slotted  Screw threading  M 3	Connection position	Lateral
Number of levels  Number of levels  Vire cross-section single-core (rigid) / stranded, min.  Vire cross-section single core (rigid)/stranded, max.  O.2 mm²  Vire cross-section stranded, min.  O.2 mm²  Vire cross-section stranded, max.  O.2 mm²  Vire cross-section stranded with wire-end ferrules, min.  Vire cross-section stranded with wire-end ferrules, max.  Vire cross-section stranded with wire-end ferrules, max.  Vire cross-section AWG, min.  22  Vire cross-section AWG, max.  10  Stripping length  12 mm  Screw head  Slotted  Screw threading  M 3	Connections	2
Wire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Wire cross-section single core (rigid)/stranded, max. 6 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded, max. 6 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, max. 4 mm²  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 10  Stripping length 12 mm  Screw head Slotted  Screw threading M 3	Number of terminals per level	2
Wire cross-section stranded, min.  Wire cross-section stranded, min.  Wire cross-section stranded, max.  6 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.  4 mm²  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  10  Stripping length  12 mm  Screw head  Slotted  Screw threading  M 3	Number of levels	1
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 AWG, min.  22  Wire cross-section AWG, max.  10  Stripping length  12 mm  Screw head  Slotted  Screw threading  M 3	Wire cross-section single-core (rigid) / stranded, min.	0.2 mm <sup>2</sup>
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, max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  10  Stripping length  12 mm  Screw head  Slotted  Screw threading  M 3	Wire cross-section single core (rigid)/stranded, max.	6 mm²
Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  10  Stripping length  12 mm  Screw head  Screw threading  M 3	Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Mire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min.  Wire cross-section AWG, max.  10  Stripping length  Screw head  Screw threading  0.2 mm²  4 mm²  10  22  Wire cross-section AWG, max.  10  Stripping length  12 mm  Screw threading  M 3	Wire cross-section stranded, max.	6 mm²
max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  10  Stripping length  12 mm  Screw head  Slotted  Screw threading  M 3	·	0.2 mm <sup>2</sup>
Wire cross-section AWG, max. 10 Stripping length 12 mm Screw head Slotted Screw threading M 3		4 mm²
Stripping length 12 mm Screw head Slotted Screw threading M 3	Wire cross-section AWG, min.	22
Screw head Slotted Screw threading M 3	Wire cross-section AWG, max.	10
Screw threading M 3	Stripping length	12 mm
	Screw head	Slotted
Tightening torque, min. 0.5 Nm	Screw threading	M 3
	Tightening torque, min.	0.5 Nm
Tightening torque, max. 1 Nm	Tightening torque, max.	1 Nm





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	A4
Number of cross-connection channels	1
End plate required	✓
Number of test pick-off options	1
Environmental Product Compliance	
REACH Conform	yes
REACH Candidate Substance Note	No
RoHS Conform	yes



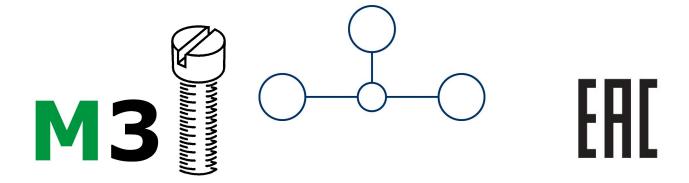


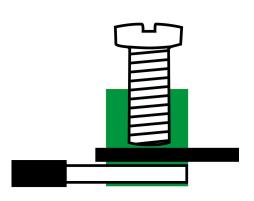
Approvals		
Standards and regulations		
EAC approval	TR ZU 004/2011	
EAC approval granted	yes	





## Media









### **Accessories**

### Cover



Cover, Length: 24 mm, Width: 24 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2494.0	AD 4/24/B/E YE	4044211052959	50 ST



Cover, Length: 24 mm, Width: 24 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2011.0	AD 4/24/B YE	4044211048143	50 ST



Cover, Length: 24 mm, Width: 20 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2493.0	AD 4/24/B/E YE	4044211052942	50 ST



Cover, Length: 26.5 mm, Width: 6 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	unit
<u>2953.0</u>	AD 1/6/B YE	4044211056810	50 ST



Cover, Length: 26.5 mm, Width: 6 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
2965.0	AD 1/6 WH	4044211056940	50 ST



Cover, Length: 24 mm, Width: 20 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2079.0	AD 4/24/B YE	4044211048877	50 ST

## Insulated external cross-connector

# 1388.2 KBL 2,5-4-D BG





External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 16.9 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2065.0	AQI 3/6/17 YE	4044211048716	50 ST



External insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 59.6 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2143.0	AQI 10/6/17 YE	4044211049645	10 ST



External insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 23 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2066.0	AQI 4/6/17 YE	4044211048723	50 ST



External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 10.8 mm, Rated current: 27 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2064.0	AQI 2/6/17 YE	4044211048709	50 ST

### **End support**



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: 3, Mounting type: Can be screwed on, Width: 17 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2020.0	Q 3	4044211048235	50 ST

# 1388.2 KBL 2,5-4-D BG



#### **Cross-connector**



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 10.9 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2019.0	Q 2	4044211048228	50 ST



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 23.1 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2021.0	Q 4	4044211048242	20 ST



Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 59.7 mm, Rated cross-section: 4 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2022.0	Q 10	4044211048259	10 ST

#### Insulated cross-connector



Insulated cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 21.9 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2742.2	QI 4 YE	4044211054823	20 ST



Insulated cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 59.7 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2743.2	QI 10 YE	4044211054830	10 ST



Insulated cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 10.4 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2740.2	QI 2 YE	4044211054809	50 ST





#### Insulated cross-connector



Insulated cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 16.5 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2741.2	QI 3 YE	4044211054816	50 ST

## **Quick marking**



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
4702.7	PMC SB 6/50 WH	4044211089986	500 ST

## **Screwdriver**

Screwdriver with bare blade, Colour: Black-grey



Article number	Article name	GTIN (EAN)	Packaging unit
<u>1086.0</u>	SDB 0,6x3,5	4044211014797	1 ST