



Feed-through terminal for direct mount, Screw connection, Mounting type: Mounting surface, Rated crosssection: 2.5 mm², Colour: Beige

Article number	<u>1363.2</u>
Article name	BKA 2,5/18 b.B. BG
GTIN (EAN)	4044211044114
Packaging unit	20
Quantity unit	PC
Weight per piece (not including packaging)	66 g
Weight per piece (including packaging)	69.75 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	Feed-through terminal for direct mount
Colour	Beige



Technical data

Height23 mmHole spacing (mid-point to mid-point)99.1 mmPitch5 mmRatings400 VRated current24 ARated cross-section2.5 mm²Rated inpulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection principleScrew connectionConnection principleScrew connectionConnection principle2Number of terminals per level2Number of terminals per level1Wire cross-section single-core (rigid)/stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Stripping length7 mmScrew headSlottedSorew headSlottedSorew headingM 2,5Tightening torque, min.0.4 Nm	Dimensions	
Join Server Section Stranded with wire-end ferrules, max. 99.1 mm Pitch 5 mm Ratings 400 V Rated voltage 400 V Rated current 24 A Rated corss-section 2.5 mm² Rated impulse voltage 6 kV Overvoltage category III Contamination degree 3 Maximup power dissipation for nominal condition 0.77 W Connection data Connection Connection principle Screw connection Connection position Lateral Connections 36 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, max. 4 mm² Wire cross-section stranded with wire-end ferrules, max. 2.5 mm² Wire cross-section AWG, max. 12 Wire cross-section AWG, max. 12 Stripping length 7 mm Screw head Slotted	Length	106.2 mm
Pitch5 mmRatingsRated voltage400 VRated voltage24 ARated current24 ARated current2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection principleScrew connectionConnection positionLateralConnection position2Number of terminals per level2Number of teres1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.2.5 mm²Wire cross-section stranded with wire-end ferrules, min.2.5 mm²Stripping length7 mmScrew headSlottedScrew headSlottedScrew headingM 2,5Tightening torque, min.0.4 Nm	Height	23 mm
RatingsRatingsRated voltage400 VRated current24 ARated cross-section2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection dataConnection principleScrew connectionConnections36Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Stripping length7 mmScrew headSlottedScrew headingM 2,5Tightening torque, min.0.4 Nm	Hole spacing (mid-point to mid-point)	99.1 mm
Rated voltage400 VRated current24 ARated cross-section2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection dataConnection principleScrew connectionConnection positionLateralConnections36Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Stripping length7 mmScrew headSlottedStripping length7 mmScrew headSlotted	Pitch	5 mm
Rated current24 ARated current2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection principleConnection principleScrew connectionConnection positionLateralConnection position2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.2.5 mm²Stripping length7 mmScrew headSlottedStripping length7 mmScrew headSlottedStripting lorque, min.0.4 Nm	Ratings	
Rated cross-section2.5 mm²Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection fataConnection principleScrew connectionConnection positionLateralConnection sposition2Number of terminals per level2Number of terminals per level1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.12Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Stripping length7 mmScrew headSlottedScrew headSlottedScrew threading0.4 Nm	Rated voltage	400 V
Rated impulse voltage6 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataEateralConnection principleScrew connectionConnection positionLateralConnection sposition2Number of terminals per level1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.12Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.12Stripping length7 mmScrew headSlottedScrew headM2,5Tightening torque, min.0.4 Nm	Rated current	24 A
Overvoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataScrew connectionConnection principleScrew connectionConnection positionLateralConnection position2Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.2 mm²Wire cross-section stranded, max.2 mm²Wire cross-section stranded, max.2 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Rated cross-section	2.5 mm ²
Contamination degree3Maximum power dissipation for nominal condition0.77 WConnection dataConnection principleScrew connectionConnection positionLateralConnections36Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.2.5 mm²Stripping length7 mmScrew headSlottedScrew threadingM 2.5Tightening torque, min.0.4 Nm	Rated impulse voltage	6 kV
Maximum power dissipation for nominal condition0.77 WConnection dataConnectionConnection principleScrew connectionConnection positionLateralConnections36Number of terminals per level2Number of terminals per level1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Overvoltage category	III
Connection dataConnection principleScrew connectionConnection positionLateralConnections36Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, max.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Contamination degree	3
Connection principleScrew connectionConnection positionLateralConnections36Number of terminals per level2Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Maximum power dissipation for nominal condition	0.77 W
Connection positionLateralConnections36Number of terminals per level2Number of terminals per level1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Connection data	
Connections36Number of terminals per level2Number of terminals per level1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, max.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Connection principle	Screw connection
Number of terminals per level2Number of terminals per levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Connection position	Lateral
Number of levels1Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threading0.4 Nm	Connections	36
Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, max.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Number of terminals per level	2
Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Number of levels	1
Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section single-core (rigid) / stranded, min.	0.2 mm ²
Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section single core (rigid)/stranded, max.	4 mm ²
Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section stranded, min.	0.2 mm ²
min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section stranded, max.	4 mm ²
max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section AWG, max.12Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Stripping length7 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section AWG, min.	22
Screw headSlottedScrew threadingM 2,5Tightening torque, min.0.4 Nm	Wire cross-section AWG, max.	12
Screw threadingM 2,5Tightening torque, min.0.4 Nm	Stripping length	7 mm
Tightening torque, min. 0.4 Nm	Screw head	Slotted
	Screw threading	M 2,5
Tightening torque, max. 0.8 Nm	Tightening torque, min.	0.4 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	
End plate required \checkmark	
Environmental Product Compliance	
REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes



Approvals

Standards and regulations	
EAC approval	TR ZU 004/2011
EAC approval granted	yes
cUL Recognized	
cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	300 V
cUL Usegroup B: rated current	20 A
cUL Usegroup C: rated voltage	300 V
cUL Usegroup C: rated current	20 A
cUL wire cross-section single-core (rigid) AWG, min.	22
cUL wire cross-section single-core (rigid) AWG, max.	12
cUL wire cross-section stranded AWG, min.	22
cUL wire cross-section stranded AWG, max.	12
cUL torque	5.3 Nm
cUL wire material	Cu
cUL Recognized	1
KEMA KEUR approval	
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	400 V
KEMA rated current	24 A
KEMA rated impulse voltage	6 kV
KEMA wire cross-section single core (rigid), min.	0.2 mm ²
KEMA wire cross-section single-core (rigid), max.	4 mm ²
KEMA wire cross-section stranded, min.	0.2 mm ²
KEMA wire cross-section stranded, max.	4 mm ²
KEMA torque, min.	0.4 Nm
KEMA torque, max.	0.8 Nm

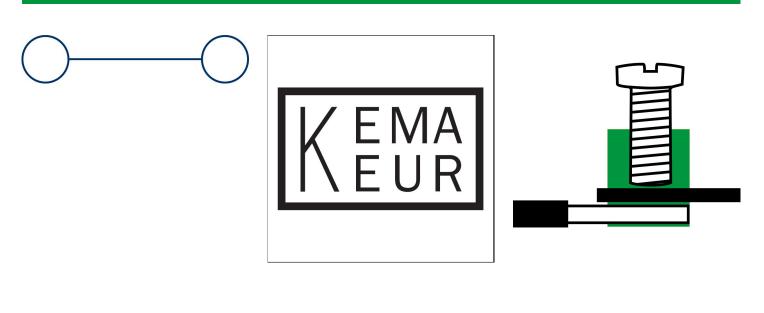


Approvals

UL Recognized	
UL approval	UL 1059
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	20 A
UL Usegroup C: rated voltage	300 V
UL Usegroup C: rated current	20 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	12
UL torque	5.3 Lb In
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1



Media





EHC

ZCONTACLIP

Accessories

Insulated external cross-connector

 External insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: mm, Rated current: 27 A; Colour: Yellow				
Article number	Article name	GTIN (EAN)	Packaging unit	
2045.0	AQI 10/5/11 YE	4044211048501	10 ST	
External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14 mm, Rated current: 27 A; Colour: Yellow				
Article number	Article name	GTIN (EAN)	Packaging unit	
2033.0 External insula	AQI 3/5/11 YE ted cross-connector, No. of poles	4044211048358 :: 2, Mounting type: Plug in, V	50 ST Width: 9.26	
External insula				
External insula mm, Rated cur	ted cross-connector, No. of poles rent: 27 A; Colour: Yellow	: 2, Mounting type: Plug in, V	Vidth: 9.26 Packaging	
External insula mm, Rated cur Article number 2032.0 External insula	ted cross-connector, No. of poles rent: 27 A; Colour: Yellow Article name	:: 2, Mounting type: Plug in, N GTIN (EAN) 4044211048341	Vidth: 9.26 Packaging unit 50 ST Vidth: 19.46	
External insula mm, Rated cur Article number 2032.0 External insula	ted cross-connector, No. of poles rent: 27 A; Colour: Yellow Article name AQI 2/5/11 YE ted cross-connector, No. of poles	:: 2, Mounting type: Plug in, N GTIN (EAN) 4044211048341	Vidth: 9.26 Packaging unit 50 ST	

Quick marking

	Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 5 mm, Colour: White			
	Article number	Article name	GTIN (EAN)	Packaging unit
	4600.7	PMC SB 5/50 WH	4044211088903	500 ST

Screwdriver

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Screwdriver with bare blade, Colour: Black-grey

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