



General Data

Type Reference:	BZ...K
Description:	Twin Contact Block, separate plungers, positive opening contact
Approvals:	CCC, cCSAus, ENEC10, VDE, CE, NV, TÜV_Süd, positive opening contact, UR
Protection class:	II (protective insulation)
Operation travel:	3 mm
Connection type:	screw connection
Contact material:	AgNi
Max. storage temperature:	-50°C ... 85°C
Max. operating temperature:	-30°C ... 70°C, without illumination -30°C ... 55°C, using incandescent lamps -30°C ... 65°C, using LED's
Mechanical life:	1 m switching cycles
Electrical life (rated load):	1m operations at rated load
Contact resistance NO:	< 20 mOhm (new state)
Contact resistance NC:	< 20 mOhm (new state)
Min. current:	1 mA
Min. voltage:	5 V
Bouncing time NO:	< 10ms
Bouncing time NC:	< 10ms
Positive opening contact:	acc. to EN60947-5-1, appendix. K

Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

Utilisation category:	alternate current AC15 B300	direct current DC13 Q600
Rated insulation voltage Ui:	250 V	300 V
Rated operating voltage Ue:	250 V	250V / 125V / 60V / 24V
Rated operating current Ie:	1.5A	0.2A / 0.4A / 1A / 2A
Breaking capacity:	10Ie	1,1Ie
Continuous thermal current:	6 A	

Electrical data acc. to IEC/EN 61058-1 (VDE 0630 Sect. 1)

Rated voltage Ue:	250 V~
Rated current Ie:	6(4) A

Technical Data - Lamp

Lamp socket:	T5,5K / W2x4,6d
Max. lamp voltage:	60V
Max. lamp output:	1.2W
Definition:	X1...anode, X2...cathode

Electrical Features

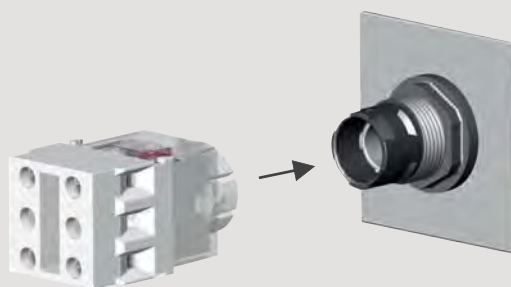
Operational voltage:	20mV ... 42V AC/DC
Switching current:	1mA ... 250mA
Contact resistance (new state):	< 50 mOhm

Additional Data

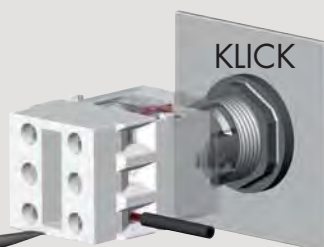
Tightening torque (screw terminal):	0.4 Nm
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Mounting Instructions

1.



2.



3.

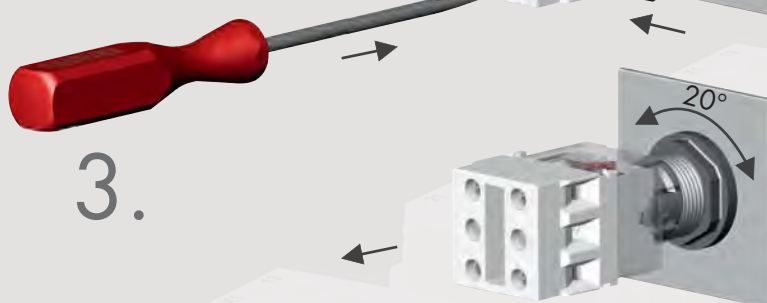
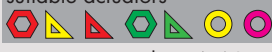
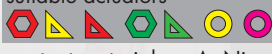
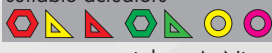


Illustration	Description		Type
  0 1 2 3 14/13	Contact Block, momentary 1NO screw connection 2.5 mm ² suitable actuators  contact material AgNi		BZIK
  0 1 2 3 14/13	Illuminated Contact Block, momentary 1NO screw connection 2.5 mm ² lamp socket W2x4,6d suitable actuators  contact material AgNi		BZLIK
  0 1 2 3 14/13	Illuminated Contact Block, momentary 1NO screw connection 2.5 mm ² lamp socket T5,5K suitable actuators  contact material AgNi		BZLI5K
  0 1 2 3 24/23 14/13	Contact Block, momentary 2NO screw connection 2.5 mm ² suitable actuators  contact material AgNi		BZIIK
  0 1 2 3 24/23 14/13	Illuminated Contact Block, momentary 2NO screw connection 2.5 mm ² lamp socket W2x4,6d suitable actuators  contact material AgNi		BZLIK
  0 1 2 3 24/23 14/13	Illuminated Contact Block, momentary 2NO screw connection 2.5 mm ² lamp socket T5,5K suitable actuators  contact material AgNi		BZLI5K
  0 1 2 3 22/21	Contact Block, momentary 1NC screw connection 2.5 mm ² suitable actuators  contact material AgNi		BZOK
  0 1 2 3 22/21	Illuminated Contact Block, momentary 1NC screw connection 2.5 mm ² lamp socket W2x4,6d suitable actuators  contact material AgNi		BZLOK

Contact Blocks

screw connection 2.5 mm²

made in germany

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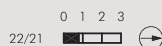
Limit Switches

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Illustration

Description

Type



Illuminated Contact Block, momentary 1NC

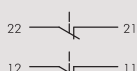
screw connection 2.5 mm²
lamp socket T5,5K

suitable actuators



contact material AgNi

BZLO5K



Contact Block, momentary 2NC

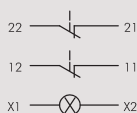
screw connection 2.5 mm²

suitable actuators



contact material AgNi

BZOOK



Illuminated Contact Block, momentary 2NC

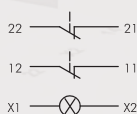
screw connection 2.5 mm²
lamp socket W2x4,6d

suitable actuators



contact material AgNi

BZLOOK



Illuminated Contact Block, momentary 2NC

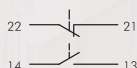
screw connection 2.5 mm²
lamp socket T5,5K

suitable actuators



contact material AgNi

BZLOO5K



Contact Block, momentary 1NC + 1NO

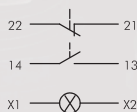
screw connection 2.5 mm²

suitable actuators



contact material AgNi

BZOIK



Illuminated Contact Block, momentary 1NC + 1NO

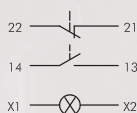
screw connection 2.5 mm²
lamp socket W2x4,6d

suitable actuators



contact material AgNi

BZLOIK



Illuminated Contact Block, momentary 1NC + 1NO

screw connection 2.5 mm²
lamp socket T5,5K

suitable actuators



contact material AgNi

BZLOI5K

Illustration	Description	Type
	Ultra-bright LED, W2x4,6d socket, 12V with half-wave rectifier, for 12 V AC/DC (6/12 mA) When connecting to DC, the correct polarity must be observed: + ... X1/- ... X2 storage temperature: -25°C ... +80°C ambient temperature: -20°C ... +60°C voltage tolerance: + 10 %	white L2X4,6-12UW
	Ultra-bright LED, W2x4,6d socket, 24V with half-wave rectifier, for 24 V AC/DC (2/4 mA) When connecting to DC, the correct polarity must be observed: + ... X1/- ... X2 storage temperature: -25°C ... +80°C ambient temperature: -20°C ... +60°C voltage tolerance: + 10 %	white L2X4,6-24UW
	Ultra-bright LED, T5,5K socket, 12V with integrated series resistor and half-wave rectifier, for 12 V AC/DC (7/14 mA) When connecting to DC, the correct polarity must be observed: + ... X1/- ... X2 storage temperature: -25°C ... +80°C ambient temperature: -20°C ... +60°C voltage tolerance: + 10 %	white L5,5K12UW
	Ultra-bright LED, T5,5K socket, 24V with integrated series resistor and half-wave rectifier, for 24 V AC/DC (7/14 mA) When connecting to DC, the correct polarity must be observed: + ... X1/- ... X2 storage temperature: -25°C ... +80°C ambient temperature: -20°C ... +60°C voltage tolerance: + 10 %	white L5,5K24UW

Contact Blocks

screw connection 2.5 mm²

made in germany



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Two-colour LED, T5,5K socket - 24V

with integrated series resistor
colour dependent on polarity
Storage temperature:
-25°C ... +80°C
Ambient temperature:
-20°C ... +60°C
Voltage tolerance: + 10 %

Colour:	red	green
Rated current [mA]:	14	13
Brightness [mcd]:	2300	650
Dominant wavelength: [nm]	625	525

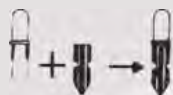
colour	red/green	L5,5K24RG
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Ultra-bright LED

solder pins, grid 2.54 mm
ready-made for CTP_485
3680 mcd white

LED3UW



LED Adapter

for LEDs of 3 and 5 mm Ø to be used in
T5.5K sockets,
an external resistor must be provided.

lamp socket T5,5K

LA5,5



Voltage Reducer (for LEDs)

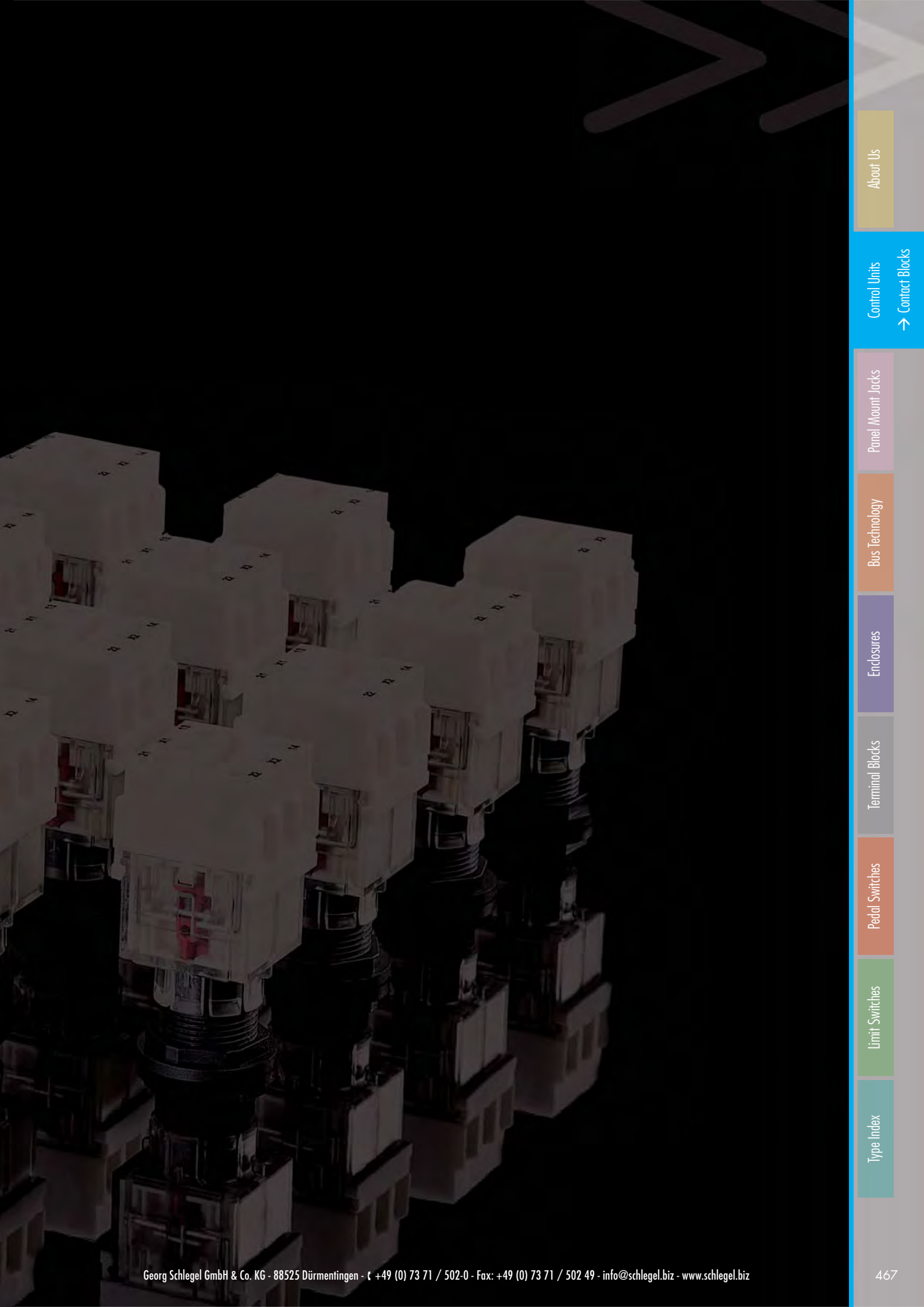
Faston terminals 2.8x0.8 mm
to operate a LED at 230V AC

VE_LED230



Cable Set with wire end ferrules
suitable for VE_LED230

VE_VKAE



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