

# Bestellbezeichnung / Model Number

VBA-2A-KE5-IL/UL  
VBA-4A-KE5-IJL/UJL  
VBA-2E-KE5-IJL/UJL  
VBA-4E-KE5-IL



## Zulassungen und Zertifikate / Approvals and certificates

UL-Zulassung / UL approval	cULus Listed, Type 1 enclosure
UL File Number	E223772

## Elektrische Daten / Electrical specification

Bemessungsbetriebsspannung $U_o$ Rated operating voltage $U_o$	26,5 - 31,6 V aus/from AS-Interface	
Bemessungsbetriebsstrom $I_o$ Rated operating current $I_o$	VBA-*A-KE5-I*	$\leq 75$ mA
	VBA-*E-KE5-I*	$\leq 70$ mA
Hilfsspannung $U_{AUX}$ Auxiliary voltage $U_{AUX}$	VBA-*A-KE5-I*	$24 V_{DC} \pm 15\%$ PELV
	VBA-*E-KE5-I*	20 ... 30 $V_{DC}$ PELV
Stromaufnahme $I_{AUX}$ Current consumption $I_{AUX}$	$\leq 650$ mA	
Schutzklasse / Protection class	III	
Überspannungsschutz Surge protection	$U_o$ : Überspannungskategorie II $U_o$ : overvoltage category II	

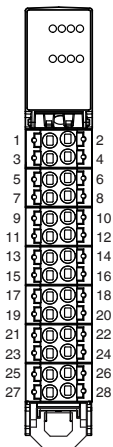
## Umgebungsbedingungen / Ambient conditions

Einsatzhöhe / Altitude	$\leq 2000$ m über NN / above MSL indoor use only / nur für den Innenbereich
Umgebungstemperatur Ambient temperature	-25 ... 70 °C / -13 ... 158 °F
Lagertemperatur Storage temperature	-25 ... 85 °C / -13 ... 185 °F
Relative Luftfeuchtigkeit Relative humidity	$\leq 85\%$ , nicht kondensierend / noncondensing
Verschmutzungsgrad Pollution degree	2

## Mechanische Daten / Mechanical specifications

Schutzart / Degree of protection	IP20
Gehäusematerial Housing material	Polyamid Polyamide

## Elektrischer Anschluss / Electrical connection



	VBA-2A-KE5-IL/UJ	VBA-4A-KE5-IJL/UJL	VBA-2E-KE5-IJL/UJL	VBA-4E-KE5-IL
1	-	O1	IU+1	II1
2	-	GND	IU-1	GND
3	-	L+	L+	L+
4	-	GND	GND	GND
5	-	O2	IU+2	II2
6	-	GND	IU-2	GND
7	-	L+	L+	L+
8	-	GND	GND	GND
9	CON1	CON1	GND	3CH
10	CON-	CON-	GND	2CH
11	CON2	CON2	GND	GND
12	CON-	CON-	1CH	1CH
13	O1	O3	II1	II3
14	GND	GND	GND	GND
15	L+	L+	L+	L+
16	GND	GND	GND	GND
17	O2	O4	II2	II4
18	GND	GND	GND	GND
19	L+	L+	L+	L+
20	GND	GND	GND	GND
21	AUX+	AUX+	AUX+	AUX+
22	AUX+	AUX+	AUX+	AUX+
23	AUX-	AUX-	AUX-	AUX-
24	AUX-	AUX-	AUX-	AUX-
25	ASI+	ASI+	ASI+	ASI+
26	ASI+	ASI+	ASI+	ASI+
27	ASI-	ASI-	ASI-	ASI-
28	ASI-	ASI-	ASI-	ASI-

### Anschluss / Connection

abziehbare Push-in-Anschlussklemmen, Bemessungsanschlussvermögen:

starr: 0,20 mm<sup>2</sup> ... 1,5 mm<sup>2</sup>

flexibel (ohne Aderendhülse): 0,20 mm<sup>2</sup> ... 2,5 mm<sup>2</sup>

flexibel (mit Aderendhülse): 0,25 mm<sup>2</sup> ... 1,5 mm<sup>2</sup>

Removable push-in terminals, rated connection capacity:

rigid: 0.20 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

flexible (without wire end ferrule): 0.20 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

flexible (with wire end ferrule): 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>