



General Data

Type Reference:	AZ...
Description:	Twin contact block, separate plungers, positive opening contact
Approvals:	CCC, cCSAus, ENEC05, KEMA, CE, GOST-R, NV, TÜV_SÜD, CE
Protection class:	II (protective insulation)
Operation travel:	6 mm
Connection type:	Faston terminals 2.8x0.8 mm
Contact material:	AgNi
Max. storage temperature:	-50°C ... 85°C
Max. operating temperature:	-30°C ... 70°C
Mechanical life:	1m operations
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 (under laboratory conditions)
Min. voltage:	5 V
Bouncing time NO:	< 10ms
Bouncing time NC:	< 20ms
Positive opening contact:	acc. to EN60947-5-1, appendix. K

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

	alternate current	direct current
Utilisation category:	AC15 A300	DC13 Q300
Rated insulation voltage U_i :	250 V	300 V
Rated operating voltage U_e :	250V	250V / 125V / 60V / 24V
Rated operating current I_e :	3 A	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)

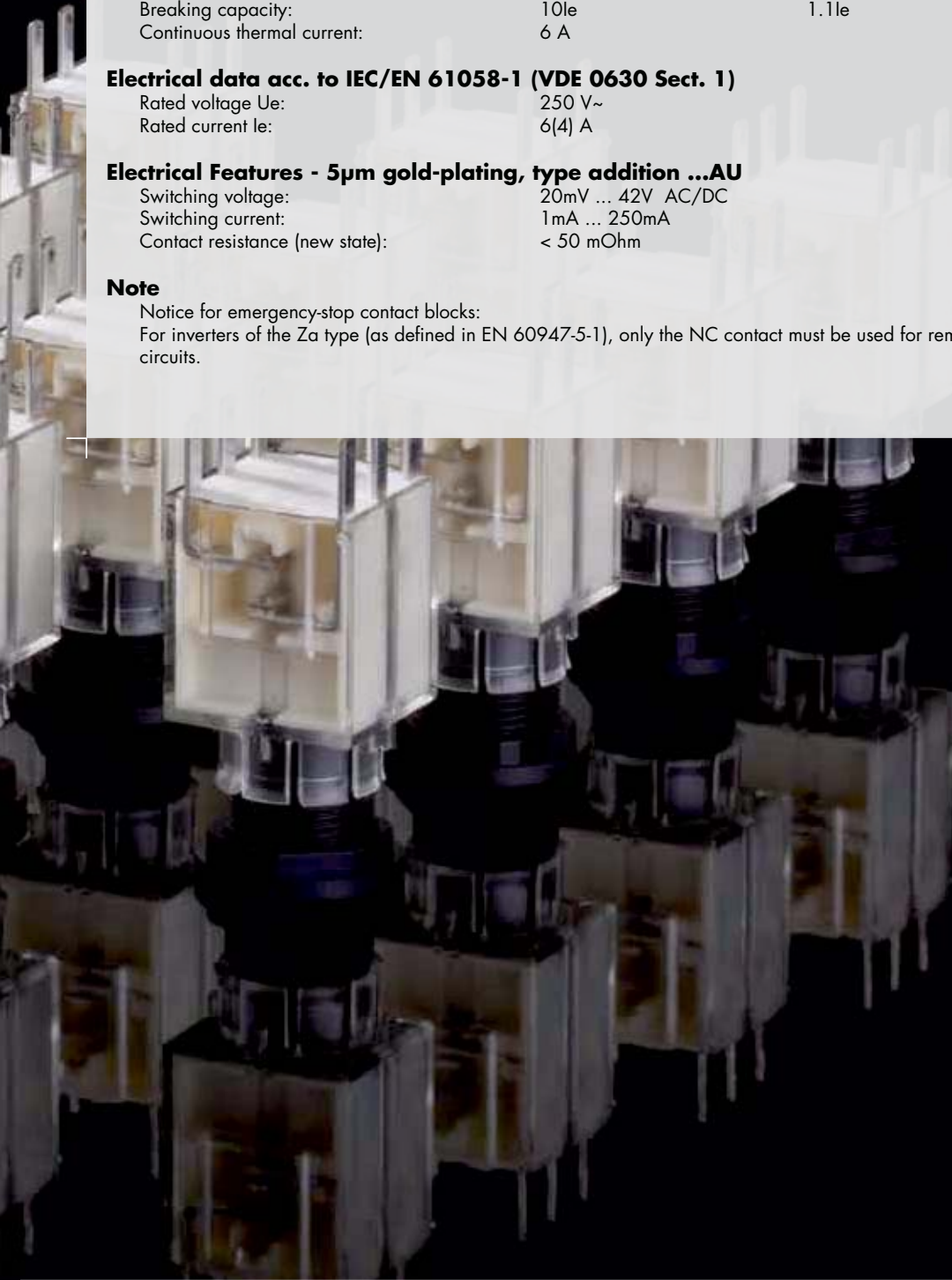
Rated voltage U_e :	250 V~
Rated current I_e :	6(4) A

Electrical Features - 5µm gold-plating, type addition ...AU

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

Note

Notice for emergency-stop contact blocks:
For inverters of the Za type (as defined in EN 60947-5-1), only the NC contact must be used for remotely controlled safety circuits.



Contact Blocks

Faston terminals 2.8x0.8 mm


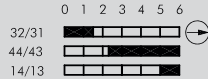
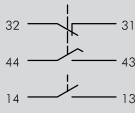


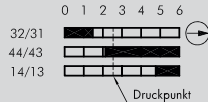
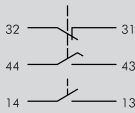
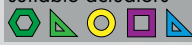

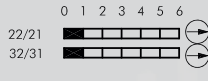
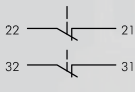


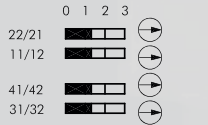
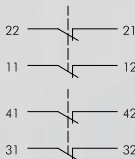


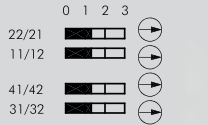
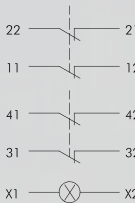


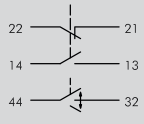



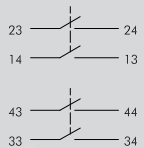


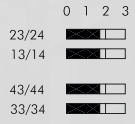
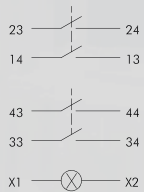


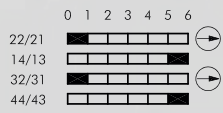
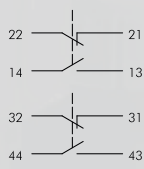
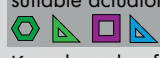


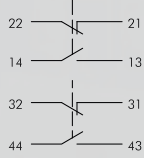



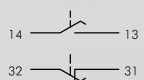
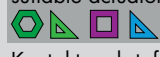

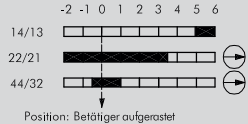
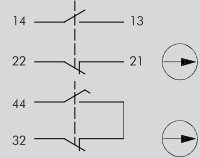


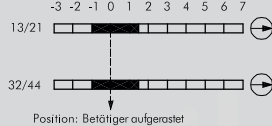
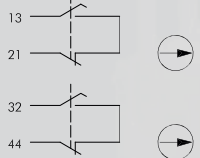


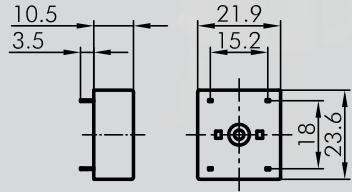
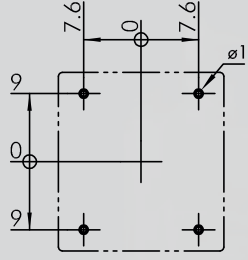
Illustration	Description	Type
 <p>16mm</p> <p>32/31 44/43 14/13</p> <p>0 1 2 3 4 5 6</p>  	<p>Contact Block, momentary 1NC + 1NO + 1NO early make Faston terminals 2.8x0.8 mm suitable plug-in socket XAP8</p> <p>suitable actuators </p> <p>Kontaktwerkstoff AgNi Kontaktwerkstoff AgNi, vergoldet</p>	<p>AZ011 AZ011_AU</p>
 <p>16mm</p> <p>32/31 44/43 14/13</p> <p>0 1 2 3 4 5 6</p> <p>Druckpunkt</p>  	<p>Two-step Contact Block, momentary 1NC + 1NO + 1NO early make Faston terminals 2.8x0.8 mm suitable plug-in socket XAP10</p> <p>suitable actuators </p> <p>Kontaktwerkstoff AgNi</p>	<p>AZ011_97</p>
 <p>16mm</p> <p>22/21 32/31</p> <p>0 1 2 3 4 5 6</p>  	<p>Contact Block, momentary 2NC Faston terminals 2.8x0.8 mm suitable plug-in socket XAP4</p> <p>suitable actuators </p> <p>Kontaktwerkstoff AgNi Kontaktwerkstoff AgNi, vergoldet</p>	<p>AZ00 AZ00_AU</p>
 <p>13/6mm</p> <p>22/21 11/12 41/42 31/32</p> <p>0 1 2 3</p>  	<p>Contact Block, momentary 4NC Faston terminals 2.8x0.8 mm suitable plug-in socket XAP8</p> <p>suitable actuators </p> <p>Kontaktwerkstoff AgNi</p>	<p>AZ40</p>
 <p>13/6mm</p> <p>22/21 11/12 41/42 31/32</p> <p>0 1 2 3</p>  	<p>Illuminated Contact Block, momentary 4NC Faston terminals 2.8x0.8 mm suitable plug-in socket XAP10 lamp socket T5,5K</p> <p>suitable actuators </p> <p>Kontaktwerkstoff AgNi</p>	<p>AZL40</p>

Illustration	Description	Type
 <p>6mm</p>  	<p>Contact Block, momentary 1NC + 1NO + 1centre contact Faston terminals 2.8x0.8 mm suitable plug-in socket XAP8</p> <p>suitable actuators </p> <p>Kontaktwerkstoff AgNi Kontaktwerkstoff AgNi, vergoldet</p>	<p>AZ111 AZ111_AU</p>
 <p>13/6mm</p>  	<p>Contact Block, momentary 4NO Faston terminals 2.8x0.8 mm suitable plug-in socket XAP8</p> <p>suitable actuators </p> <p>Kontaktwerkstoff AgNi</p>	<p>AZ41</p>
 <p>13/6mm</p>  	<p>Illuminated Contact Block, momentary 4NO Faston terminals 2.8x0.8 mm suitable plug-in socket XAP10 lamp socket T5,5K</p> <p>suitable actuators </p> <p>Kontaktwerkstoff AgNi</p>	<p>AZL41</p>
 <p>6mm</p>  	<p>Contact Block, momentary 2NC + 2NO Faston terminals 2.8x0.8 mm suitable plug-in socket XAP8</p> <p>suitable actuators </p> <p>Kontaktwerkstoff AgNi</p>	<p>AZ2</p>
 <p>13/6mm</p>  	<p>Contact Block, momentary 2NC + 2NO Faston terminals 2.8x0.8 mm suitable plug-in socket XAP8</p> <p>suitable actuators </p> <p>Kontaktwerkstoff AgNi</p>	<p>AZ2N</p>
 <p>6mm</p>  	<p>Contact Block, momentary 1 NO early make + 1 NC late break Faston terminals 2.8x0.8 mm suitable plug-in socket XAP8</p> <p>suitable actuators </p> <p>Kontaktwerkstoff AgNi Kontaktwerkstoff AgNi, vergoldet</p>	<p>AZVN AZVN_AU</p>

Contact Blocks

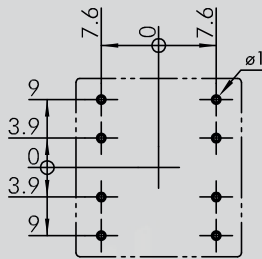
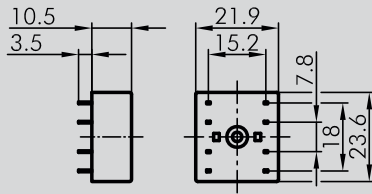
Faston terminals 2.8x0.8 mm

Illustration	Description	Type
  <p>Position: Betätiger aufgerastet</p> 	<p>Momentary Contact Block for Emergency Stops, with failure switch-off *) 2NC + 1NO Faston terminals 2.8x0.8 mm *) 1 NC, 1 NO and 1 safety circuit, consisting of 1 NC for emergency stop connected in series with 1 NO, which is always closed during operation but opens automatically once the actuator and contact block are separated from each other. suitable plug-in socket XAP8 suitable actuators</p>  <p>Kontaktwerkstoff AgNi Kontaktwerkstoff AgNi, vergoldet</p>	<p>AZSOSI AZSOSI_AU</p>
  <p>Position: Betätiger aufgerastet</p> 	<p>Momentary Contact Block for Emergency Stops with failure switch-off *) 2NC Faston terminals 2.8x0.8 mm *) 2 safety circuits, consisting of 1 NC for emergency stop connected in series with 1 NO, which is always closed during operation but opens automatically once the actuator and contact block are separated from each other. suitable plug-in socket XAP8 suitable actuators</p>  <p>Kontaktwerkstoff AgNi Kontaktwerkstoff AgNi, vergoldet</p>	<p>AZSOSO AZSOSO_AU</p>
  	<p>Plug-in Socket with 4 pins</p>	<p>XAP4</p>

Illustration

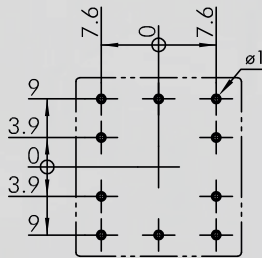
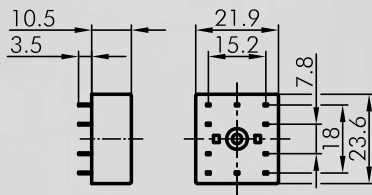
Description

Type



Plug-in Socket
with 8 pins

XAP8



Plug-in Socket
with 10 pins

XAP10



Socket, finger-protected
acc. to BGV4
for simultaneous connection of all
terminals of a contact block (A.../B...
series), accepts up to 10 Faston clamps
FH2,8

XA



Insulating Case
for Faston clamp FH2,8, slip on from the
front

IH2,8



Faston Clamp 2.8 x 0.8 mm
with snap-in pin
Cross section 0.75 - 1.50 mm², brass,
with pin to snapfit into the socket XA,
XAL and the insulating case IH2.8

FH2,8

Contact Blocks

Faston terminals 2.8x0.8 mm

Illustration

Description

Type



Protective Cover

finger-protected acc. to BGV A3, for contact blocks of the A.../B...series. Mount the cover before wiring.

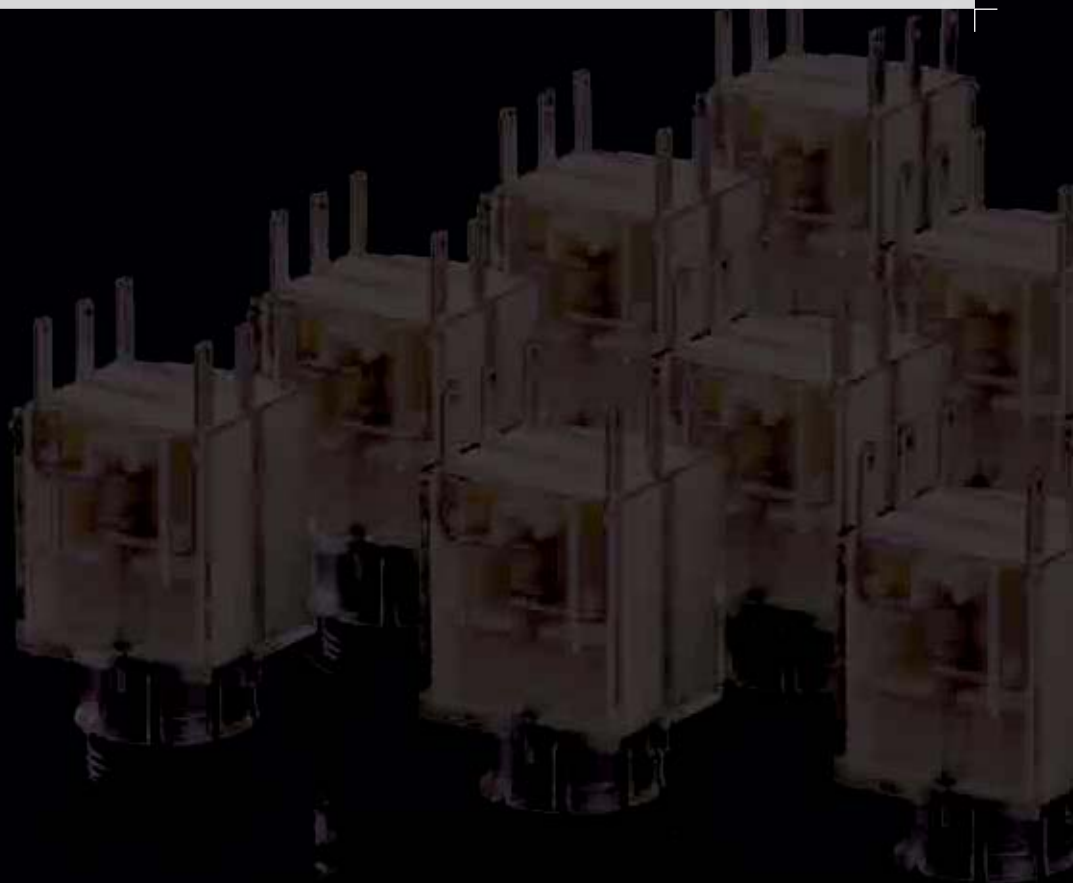
XAI



Double Faston

for the connection of 2 Faston clamps FH2.8

FD2,8



Contact Blocks

Contact Units

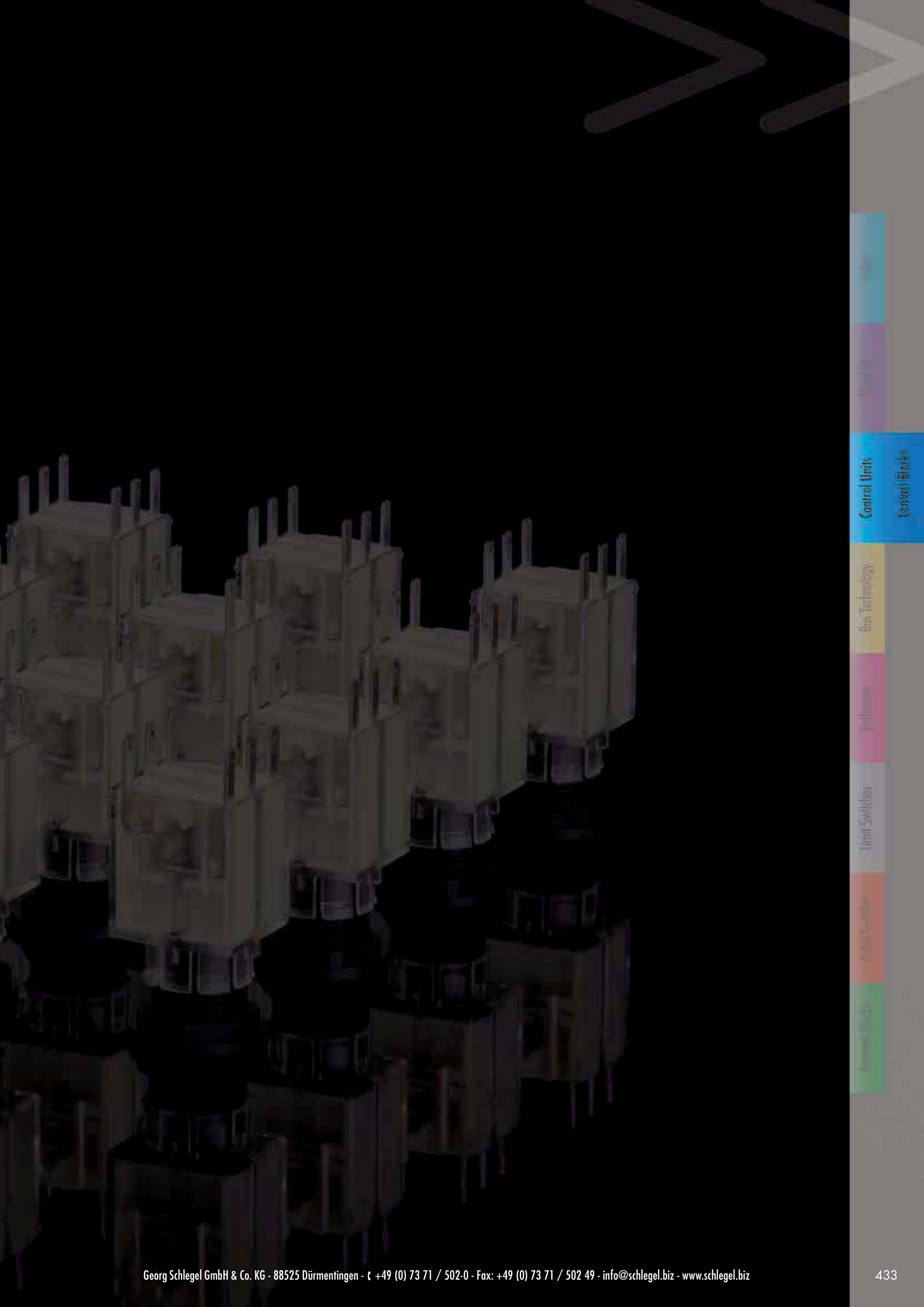
Bus Technology

Terminals

Anti-Static

Power Supplies

Terminal Blocks



Index
Control Units Control Blocks
Bus Technology
Terminal
Limit Switches
Power Supplies
Terminal Blocks