



## General Data

Type Reference: ASI\_BZ, ASI\_BZL5  
Description: AS-Interface-Slave  
Approvals: ASI, cCSAus

## Note

Communication  
- AS-Interface Specification: V2.11  
- Slave profile: S-B.A.E  
- Connection: via 2-pole IDC connector (3.96mm),  
type ref. "ASI\_SB2AWG18"  
double-core flexible wire, AWG18, e.g. "ASI\_SL2AWG18"  
- Connection cable: 100m (without repeater)  
- Max. network length: < 10ms (62 A/B slaves)  
- Max. cycle time:

Ambient Conditions  
- Operating temperature: -25°C ... +70°C  
- Storage temperature: -40°C ... +80°C  
- Humidity: up to 95%, non-condensing

Mechanical Data  
- Operating travel: ≤ 3mm  
- Operating cycles: ≥ 1 million

Electrical Data  
- Power supply: 26.5...31.6 V, through the AS-Interface line  
- Total power consumption: ≤ 30 mA  
- Signalling unit - output \*1): supply through AS-Interface line,  
continuously short-circuit proof, overload protection  
Max. load current of LED: 20 mA  
Luminous intensity: via D0/D1 individually controllable/dimmable in 4 steps  
Rated voltage: 24 V DC (+10%)  
Socket: T5,5k  
LED, Schlegel ref.: L5,5k24U...

Norms and Standards: CE, IEC 62026-2, cCSAus

The Schlegel ASi slaves comply with the specification AS-Interface POWER24 and can also be operated at 24 V.

\*) only ASI\_BZL5

# Contact Blocks

2-pole connector (3.96 mm spacing)

made in germany



About Us

Control Units

Panel Mount Jacks

Bus Technology

Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

Type Index

Illustration

Description

Type



## ASI-Interface Slave bus-compatible (2 I/2O)

ASI\_BZ

- 2-pole connector (3.96 mm spacing)
- unlighted
- small mounting depth due to built-in IDC connector
- with 2 integrated inputs D2/D3
- profile: S-B.A.E
- applicable standard: V2.11
- reversely compatible to type ASI\_BZII5 (female connector not included)

suitable actuators



## ASI-Interface Slave with T5,5K socket bus-compatible (2 I/2O)

ASI\_BZL5

- 2-pole connector (3.96 mm spacing)
- illuminated, LED socket T5,5K
- small mounting depth due to built-in IDC connector
- with 2 integrated inputs D2/D3
- with 1 integrated LED output, individually controllable/dimmable (4 steps) via D0/D1
- profile: S-B.A.E
- applicable standard: V2.11
- reversely compatible to type ASI\_BZLII5 (socket not included)

lamp socket T5,5K

suitable actuators



## 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

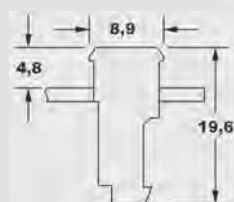
voltage tolerance:

+ 10 %

colour

white

L5,5K24UW



## IDC Connector

ASI\_SB2AWG18

2 poles, for AWG18, to connect the ASI-Interface slaves by insulation piercing (IDC technology); with lock mechanism and strain relief

Technical data:

- connector spacing 3.96 mm
- wire size: AWG18 (0.8...1.0 mm<sup>2</sup>)
- outside dia.: 1.0...2.28 mm

Recommendation: optimal strain relief when used with „ASI\_K2“

Illustration	Description	Type
	<b>Cover with integrated strain relief</b> for 2-pole IDC connector	<b>ASI_K2</b>
	<b>Hand Tool</b> serves to press the single conductors into the IDC connector, connector spacing 3.96 mm	<b>ASI_MRT</b>
	<b>AS-Interface Addressing Cable</b> serves to address the slaves ASI_BZ, ASI_BZL5 with a commercial AS-Interface hand addressing device.  Technical data: · PVC cable 500 mm, 2 x 0.75 mm <sup>2</sup> · M12 straight-line plug	<b>ASI_PK500M12</b>
	<b>Flexible Equipment Wire</b> suitable for insulation piercing (IDC technology), serves to connect the AS-Interface slaves, twisted 2-core cable, brown/blue; 50 m per unit  Technical data: · AWG18 · 19 wires · conductor resistance 21 Ohm/km · style no. 1007 / TR4 · operating temperature max. 80/90 °C (UL/CSA) · storage temperature down to -55 °C · acid/alkali-proof and oil-resistant · flame-resistant · keeps its elasticity under heat and cold	<b>ASI_SL2AWG18</b>
 	<b>Flat Cable Branch with M12 socket</b> without mounting straps, allows connection of a cable with M12 connector to the yellow profile line;  Technical data: · 2 A max. · IP20	<b>ASI_AZM12</b>
 	<b>Flat Cable Branch with M12 socket</b> and mounting straps, allows the connection of a cable with M12 connector to the yellow profile line;  Technical data: · 2 A max. · IP20	<b>ASI_AZM12L</b>

# Contact Blocks

## 2-pole connector (3.96 mm spacing)

made in germany



About Us

Control Units

→ Contact Blocks

Panel Mount Jacks

Bus Technology




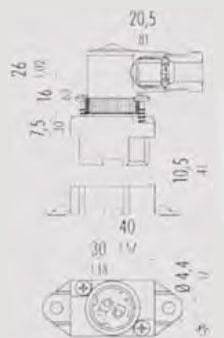

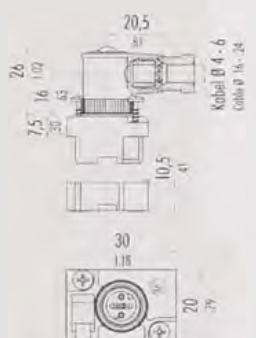
Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

Type Index

Illustration	Description	Type
	<p><b>M12 Straight-line Plug</b> with plastic nut, self-assembly via screw connections, serves to connect the AS-Interface flexible equipment wire to a M12 connector</p> <p>Technical data:                      · 4 A max.                      · 4 poles                      · PG7</p>	<p><b>ASI_M12</b></p>
	<p><b>M12 Right-angle Plug</b> with plastic nut, self-assembly via screw connections, serves to connect the AS-Interface flexible equipment wire to a M12 connector.</p> <p>Technical data:                      · 4 A max.                      · 4 poles                      · PG7</p>	<p><b>ASI_M12W</b></p>
 	<p><b>Flat Cable Branch</b> self-assembly via screw connections, with mounting straps, serves to connect the AS-Interface flexible equipment wire to the yellow profile line.</p> <p>Technical data:                      · 2 poles                      · 4 A max.</p>	<p><b>ASI_AZL</b></p>
 	<p><b>Flat Cable Branch</b> self-assembly via screw connections, without mounting straps, serves to connect the AS-Interface flexible equipment wire to the yellow profile line.</p> <p>Technical data:                      · 2 poles                      · 4 A max.</p>	<p><b>ASI_AZ</b></p>



About Us

Control Units

→ Contact Blocks

Panel Mount Jacks

Bus Technology

Enclosures

Terminal Blocks

Pedal Switches

Limit Switches

Type Index