Modular lighting solutions
gesis®TOP – your choice:
Pluggable with gesis® or conventional.

Every luminaire is a pluggable luminaire!

Wieland is known for innovations in the field of pluggable installation. Easy – safe – fast – flexible are the maxims of our actions. With the future-oriented gesis TOP connector concept, this is realized for electrical installations in modern buildings right down to the luminaire. Thus we are finding new approaches regarding pluggability.

The idea: Every luminaire can optionally be upgraded with gesis.

Therefore, you can decide to use the pluggability at any time, without the need for an extra inquiry. Even in case of a replacement you can go back to standard luminaire types.

Main features

- Customary, internal luminaire connection available
- Luminaire can be upgraded with gesis adapter via prepared sheet-metal cut out, to achieve pluggability
- Easy and safe handling
- (optional) pluggable luminaires are stock items
Through Wieland’s *gesis® TOP* adapter a conventional luminaire (with terminal block by BJB and *gesis® TOP* sheet-metal cut out) simply becomes a pluggable luminaire by plugging and contacting without tools.

*gesis® TOP* DALI
Dimmable applications with proven *gesis® TOP* technology.
The luminaire connection adapter: easy, fast and safe connection

**General**

Modern luminaires are "gesis TOP ready". Whether the luminaire is connected conventionally via the terminal block or pluggable, these luminaires can both.

Through the Wieland gesis TOP adapter a conventional luminaire (with terminal block by BJB and gesis TOP sheet-metal cut out) simply becomes a pluggable luminaire by plugging and contacting without tools.

**Benefits at a glance:**

- Reduction of the luminaire type variety
- Unique production flow
- Easy mounting setup
- Universal installation and easy connection
- Fast and safe installation at 100% flexibility
- Plug compatible with GST 18i3 series
### Adapter for power supply

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>gesis TOP adapter</td>
<td>white</td>
<td>92.030.2153.0</td>
</tr>
<tr>
<td>Terminal block, by BJB</td>
<td>white</td>
<td>46.413.1302.50</td>
</tr>
</tbody>
</table>

- Rated voltage: 250 V
- Rated current: 20 A
- Rated current: 2 A (Current output to the luminaire)
- Number of poles: 3
- Protection class: IP 20
- Approvals: VDE 0625, IEC 60320

### Adapter for control terminal

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>gesis TOP DALI adapter</td>
<td>blue</td>
<td>99.617.0000.0</td>
</tr>
<tr>
<td>DALI terminal block, by BJB</td>
<td>blue</td>
<td>46.413.1305.98</td>
</tr>
</tbody>
</table>

- Rated voltage: 250 V
- Rated current: 20 A
- Rated current: 2 A (Current output to the luminaire)
- Number of poles: 2
- Protection class: IP 20

### Sample kit

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>gesis TOP DALI sample kit</td>
<td>99.627.0000.0</td>
</tr>
<tr>
<td>gesis TOP sample kit</td>
<td>99.600.0000.0</td>
</tr>
</tbody>
</table>

### System accessories

#### gesis TOP DALI

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection cable 3m</td>
<td></td>
<td>99.622.0000.0</td>
</tr>
<tr>
<td>Connection cable 5m</td>
<td></td>
<td>99.623.0000.0</td>
</tr>
<tr>
<td>Connection cable 8m</td>
<td></td>
<td>99.624.0000.0</td>
</tr>
<tr>
<td>Connection cable with plug 2m</td>
<td></td>
<td>99.625.0000.0</td>
</tr>
<tr>
<td>T distributor</td>
<td></td>
<td>99.626.0000.0</td>
</tr>
</tbody>
</table>
Technical data

**gesis® TOP 3 pole**

**Technical Data gesis TOP:**
- Rated voltage 250 V
- Rated current 20 A
- Rated current 2 A, Through-wiring to luminaire terminal
- Protection class IP 20
- Approval VDE 0625; EN 60320
- Color white

**Technical data luminaire terminal:**
- According to the specifications of the manufacturer BJB

Sample on request

**Dimensions**

**Required metal sheet cut out**

Further information regarding the full range of gesis can be found in

0600.1 gesis con “The art of plugging”

and in our e-CAT for direct ordering with more information, drawings etc. under http://eshop.wieland-electric.com
Spanning various industries and products.

0400.1 “Electro-technical solutions for wind energy systems”
0402.1 “Components for heating, ventilation, and air conditioning”
0403.1 “Safe solutions for the packaging sector”

0125.0 “selos DIN rail terminal blocks with screw connection”
0124.0 “fasis DIN rail terminal blocks with tension spring connection”
0860.1 “safety Safe system solutions for automation technology”

0700.1 “gesis ELECTRONIC Decentralized building installation via plug & play”
0690.1 “gesis SOLAR Electrical installation technology for photovoltaics”

0008.6 “Environmental statement Locations Bamberg and Sokolov”
0009.0 “Wieland apprenticeship Auf der Erfolgsstraße.”
0003.1 “The system partner in automation technology and in building automation technology”
Contacts are green

- **Simulation**
  - Wieland is one of the most important employers in Bamberg and the surrounding area. The book portrays the life of the company’s founder Friedrich H. (“Fritz”) Wieland and the following generations, closely intertwined with the company’s history. Available in bookshops.

Automation technology

- **0404.1** “Decentralized building automation with plug & play” Educational facilities
- **0407.1** “Luminaires – simply pluggable” Brilliant appearance
- **0408.1** “Pluggable, decentralized electrical installation for sustainable building”

Further documents and brochures can be downloaded quickly and easily via the Download Center on our homepage.

Building and installation technology

- **0600.1** “gesis CON The Art of Plugging Electrical installation of buildings via plug & play”

Wieland connects.

**Wieland 100 years in Bamberg.**
Wieland is one of the most important employers in Bamberg and the surrounding area. The book portrays the life of the company’s founder Friedrich H. (“Fritz”) Wieland and the following generations, closely intertwined with the company’s history. Available in bookshops.
Hotline, advice

Additional information

Technical support
Automation technology:

■ Safety technology safety
  Phone: +49 951 9324-999
  e-mail: safety@wieland-electric.com
■ Remote power distribution podis®
  Phone: +49 951 9324-998
■ interface: Power supply, industrial Ethernet switches, timer relays, measuring and monitoring relays, coupling relays, analog modules, remote I/O, surge protection, passive interfaces
  Phone: +49 951 9324-995
■ DIN rail terminal blocks fasis, selos
  Phone: +49 951 9324-991
■ Industrial multipole connectors revos
  Phone: +49 951 9324-992
■ PCB terminals and connectors wiecon
  Appliance terminals, european terminal strips, housings for electronic components
  Phone: +49 951 9324-993

Fax: +49 951 9326-991
  e-mail: AT.TS@wieland-electric.com

Sales service:

■ To contact our sales department regarding availability, delivery schedules, and pricing please call
  Phone: +49 951 9324-990

Technical support
Building services engineering:

■ System connectors for building installation gesis CON, gesis RAN, gesis ELECTRONIC
  Phone: +49 951 9324-996
■ DIN rail terminal blocks fasis BIT, selos BIT
  Phone: +49 951 9324-991
  Fax: +49 951 9326-996
  e-mail: BIT.TS@wieland-electric.com

Technical support
Photovoltaics/solar technology:

■ Photovoltaics gesis SOLAR
  Phone: +49 951 9324-972
  Fax: +49 951 9326-977
  e-mail: Solar@wieland-electric.com

Additional information
for pluggable installation:

gesis CON
  The Art of Plugging
  Part No. 0600.1
smart Installation
  Building a green future
  Part No. 0408.1

Decentral Electronic:

gesis ELECTRONIC
  Part No. 0700.1
gesis RAN
  Part No. 0409.1

Information about
Wieland products in general:

Wieland Product Overview
  Part No. 0003.1

General information and news:

www.wieland-electric.com
Visit our eCAT at
http://eshop.wieland-electric.com
Our subsidiaries

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Fax +45 70 266637
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< Informational material for ordering and for downloading from our websites

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Industrial technology

Solutions for the control cabinet
- DIN rail terminal blocks
  - Screw, tension spring or push-in connection technology
  - Wire cross sections up to 240 mm²
  - Numerous special functions
  - Software solutions interfacing to CAE systems
- Safety
  - Safe signal acquisition
  - Safety switching devices
  - Modular safety modules
  - Compact safety controllers
  - Applicative consultancy and training
- Network engineering and fieldbus systems
  - Remote maintenance via VPN industrial router and VPN service portal
  - Industrial Ethernet switches
  - PLC and I/O systems, standard and increased environmental conditions
- Interface
  - Power supply units
  - Overvoltage protection
  - Coupling relays, semiconductor switches
  - Timer relays, measuring and monitoring relays
  - Analog coupling and converter modules
  - Passive interfaces

Solutions for field applications
- Decentralized installation and automation technology
  - Electrical installation for wind tower
  - Fieldbus interfaces and motor starters
- Connectors for industrial applications
  - Rectangular and round connectors
  - Aluminum or plastic housings
  - Degree of protection up to IP68
  - Current-carrying capacity up to 100 A
  - Connectors for hazardous areas
  - Modular, application-specific technology

PC board terminals and connectors
- Screw or spring clamp connection technology
- Spacings: 3.5 mm to 10.16 mm
- Reflow or wave soldering process

Building and installation technology
- Building installation systems
  - Main power supply connectors IP 20/IP 65 ... IP 68
  - Bus connectors
  - Low-voltage connectors
  - Power distribution system with flat cables
  - Distribution systems
  - Bus systems in KNX, LON and radio technology
  - DIN rail terminal blocks for electrical installations
  - Overvoltage protection