

Customized solutions for LED lighting systems

gesis[®] LST03

Features

The *gesis* LST connectors have been designed to connect LED modules with each other and with the ballast.

The connector system avoids the need to solder the connection cable, making it possible to assemble modules without any specialist knowledge.

This offers supreme flexibility and reduces the installation workload by replacing the solder connection with a pluggable solution.

All you need to assemble cable sets yourself is a crimping tool.

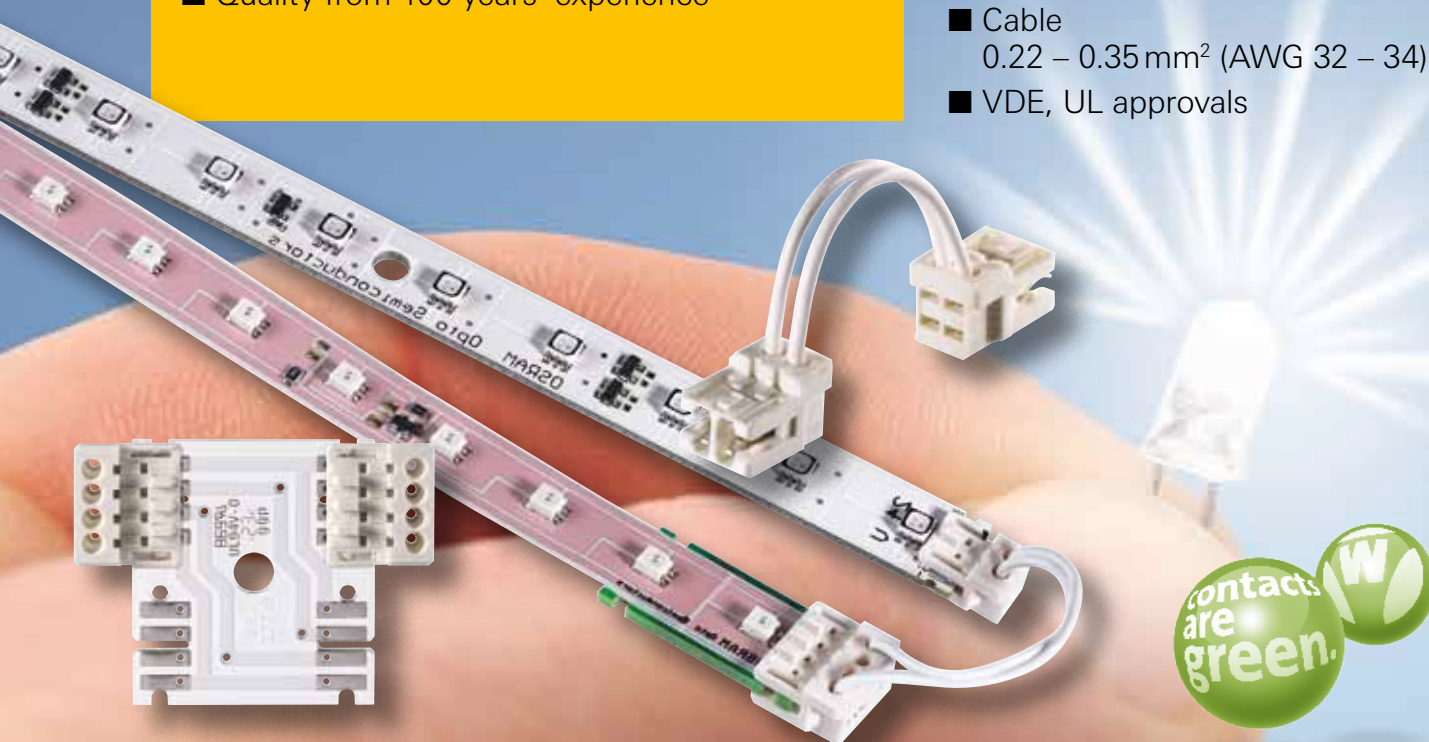
Benefits at a glance:

Modular system

- Installation without soldering – easy insertion
- Secure and vibration-proof plug connection (automotive approval)
- Robust and universal
- 70% reduction in installation time
- Improved service – assembled quickly thanks to **plug & play**
- Low height
- Quick production of cable sets using crimping tool on-site
- Customized cable sets on request
- Quality from 100 years' experience

Technical data:

- Max. voltage 32 V
- Max. current 3.0 A
- Coding/center bridge
- 2 pole and 4 pole versions
- Grid 2.5 mm
- Temperature range -40° C to +120° C
- IP20 approval
- Board thickness 1.55 mm ± 0.19 mm
- Dimensions 11.0 x 7.5/12.5 x 7.3 mm
- Cable 0.22 – 0.35 mm² (AWG 32 – 34)
- VDE, UL approvals



contacts are green.

CUSTOMER INFORMATION



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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 240mm²
 - 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

- Remote 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 IP 68
 - 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: 3.5mm to 10.16mm
- 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

Technical information

LST03i 2 pole

| Description | Part-No. |
|-------------|----------|
|-------------|----------|

Plug
Plug / socket are identical



| | |
|---------------------------------|---------------|
| LST03i2 (without coding bridge) | 93.572.0053.0 |
| LST03i2 (with coding bridge) | 93.572.0153.0 |

Cable assemblies
Open version / cable sets



on request

LST03i 4 pole

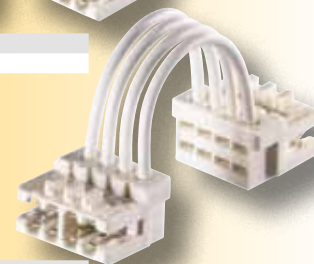
| Description | Part-No. |
|-------------|----------|
|-------------|----------|

Plug
Plug / socket are identical



| | |
|---------------------------------|---------------|
| LST03i4 (without coding bridge) | 93.574.0053.0 |
| LST03i4 (with coding bridge) | 93.574.0153.0 |

Cable assemblies
Open version / cable sets

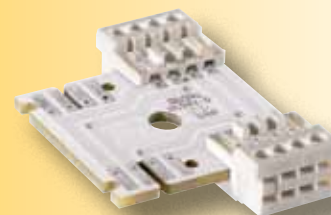


on request

LST03i

| Description | Part-No. |
|-------------|----------|
|-------------|----------|

Distribution unit
PCB distributor



| | |
|--------------------------|---------------|
| LST03i Distributor board | Z6.560.5353.0 |
|--------------------------|---------------|

Assembly tool



| | |
|---------------|---------------|
| Assembly tool | 95.101.2400.0 |
|---------------|---------------|

