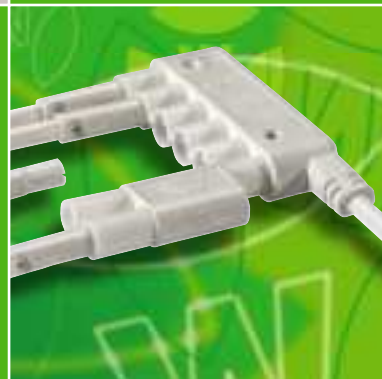




**gesis**<sup>®</sup> MICRO

**Pluggable electrical installations  
in mini-format**

**Strong like the big ones**

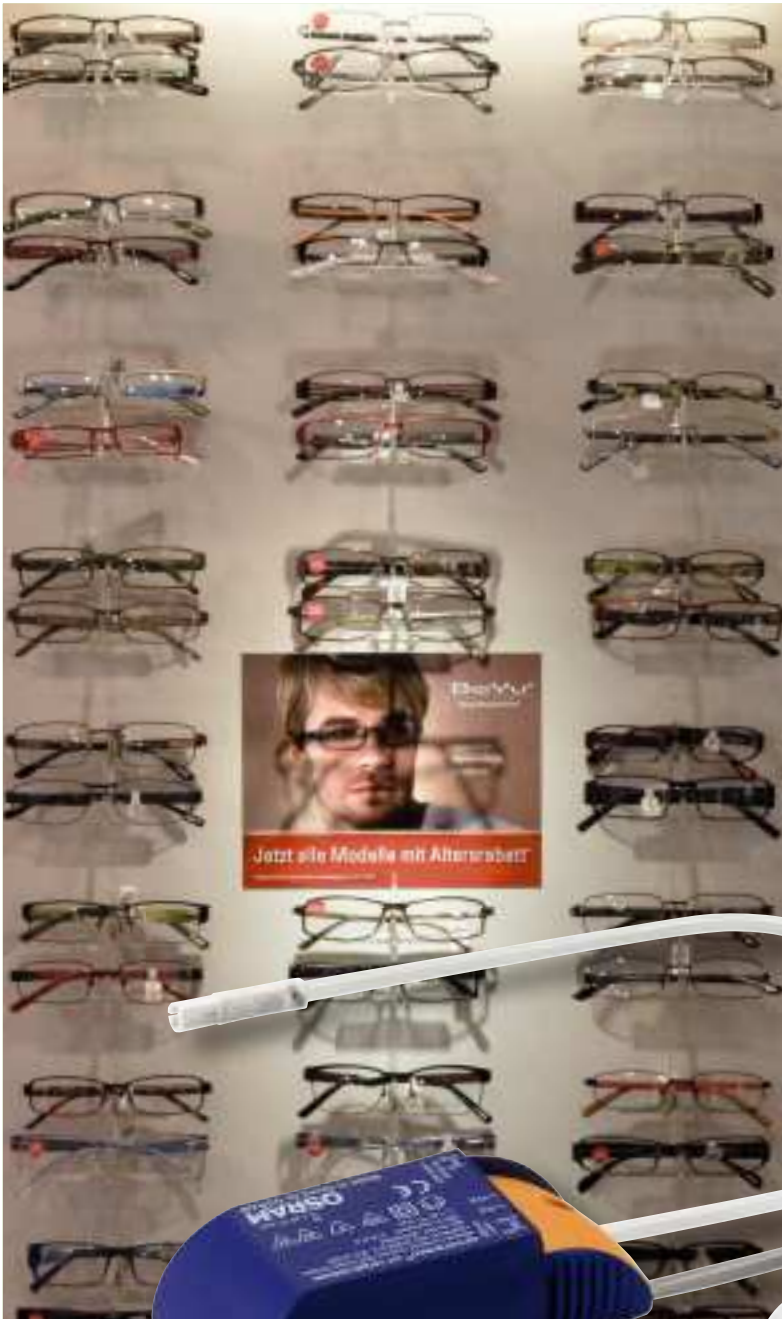






## Invisible installations for your presentation

As you can see, you cannot see anything!



Our **gesis** MICRO connector system connects your light in showcases and on shelves – in places where no one else can get. And that in the simplest way imaginable.

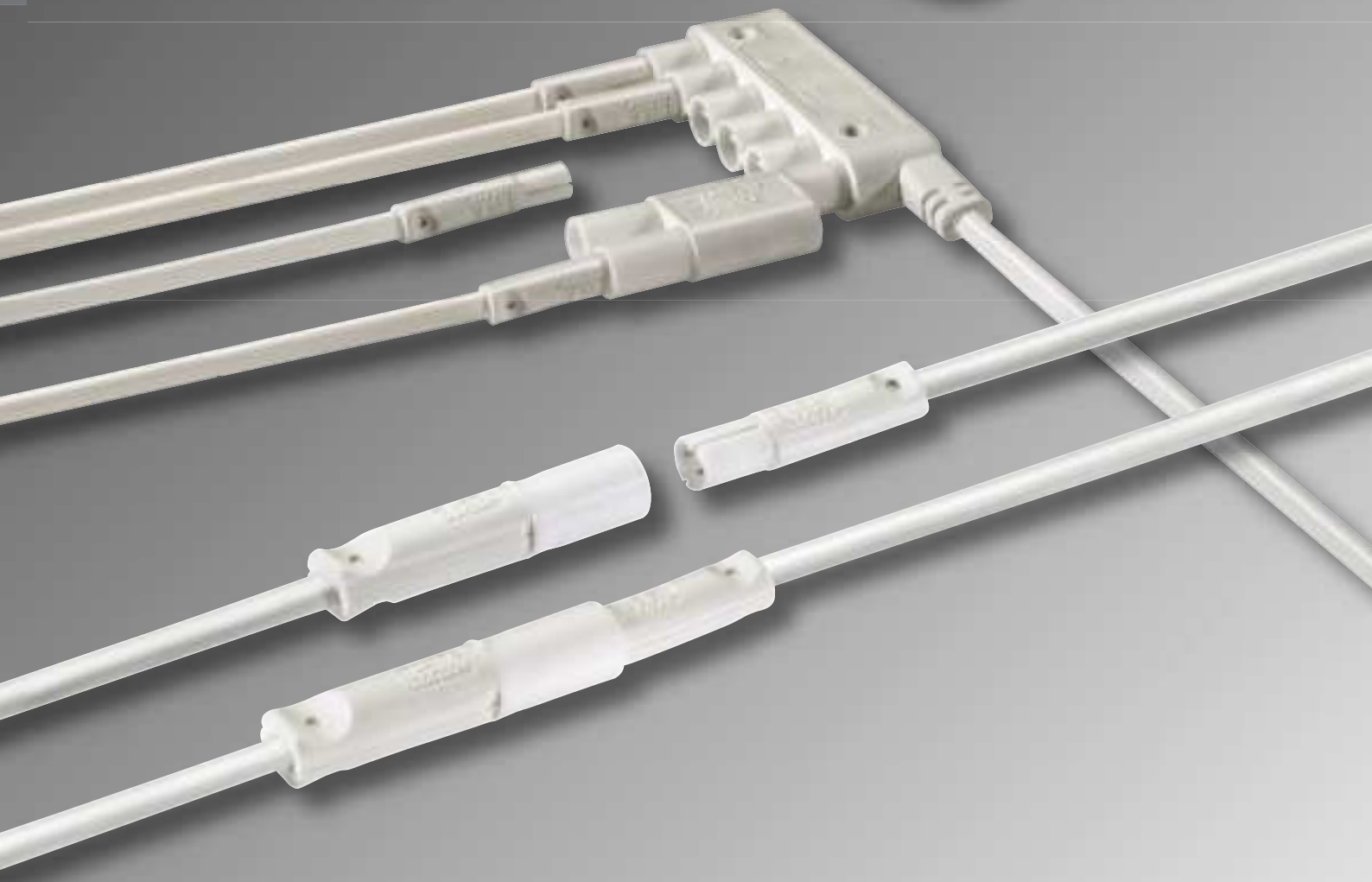
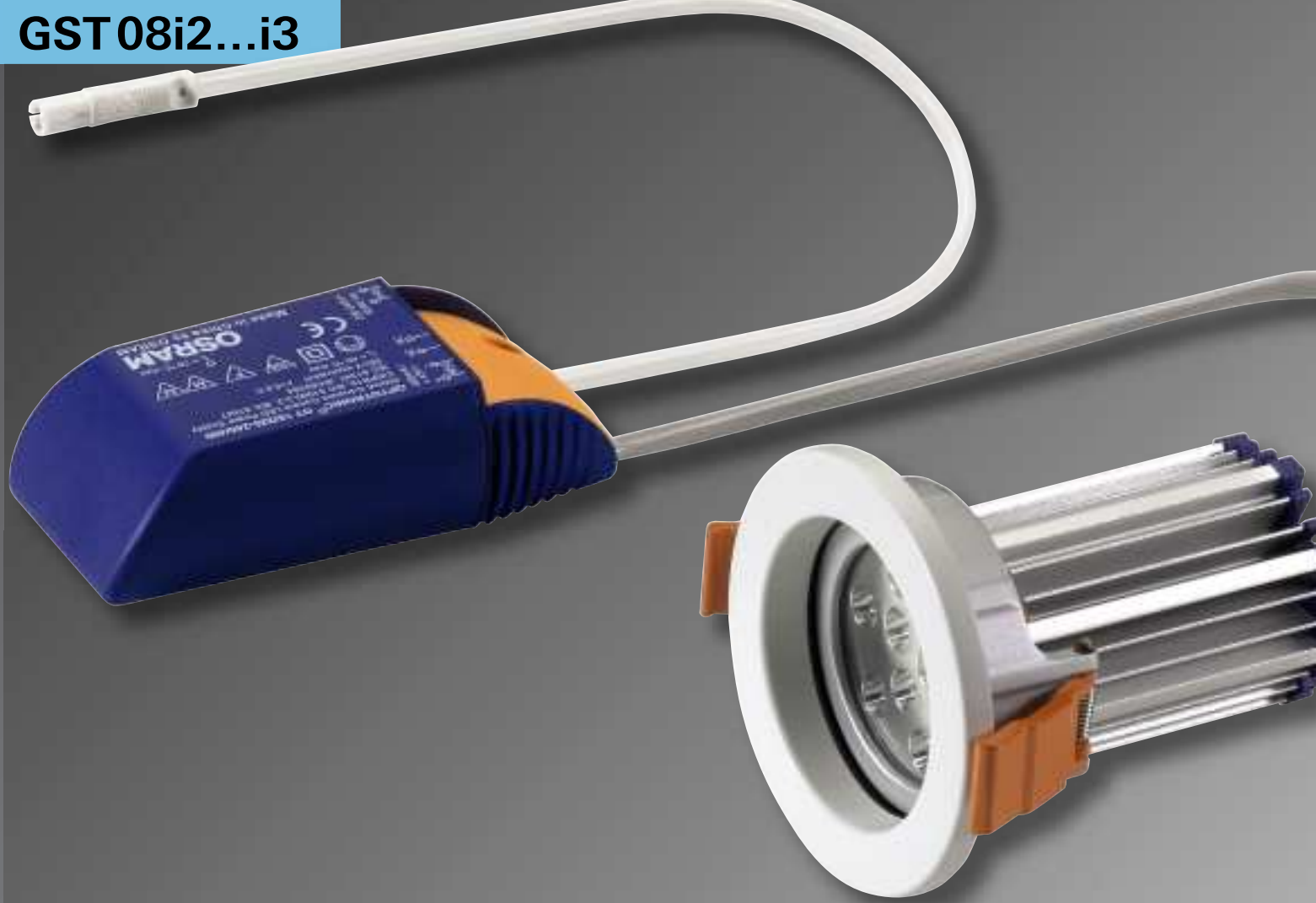
Because **gesis** MICRO is so small, all you need is a drilled hole to run the lines through.

Because **gesis** MICRO comes as a pre-assembled cable, you do not have to manually connect the plugs - it is all "plug-and-play".

And because **gesis** MICRO is matched to the whole **gesis** family, you buy a complete system – and you can extend your installation, even as far as the earth contact plug of the power cord.

This makes the electrical installation inside your furniture "invisible" from the outside, so that nothing distracts the eye from the things that matter.

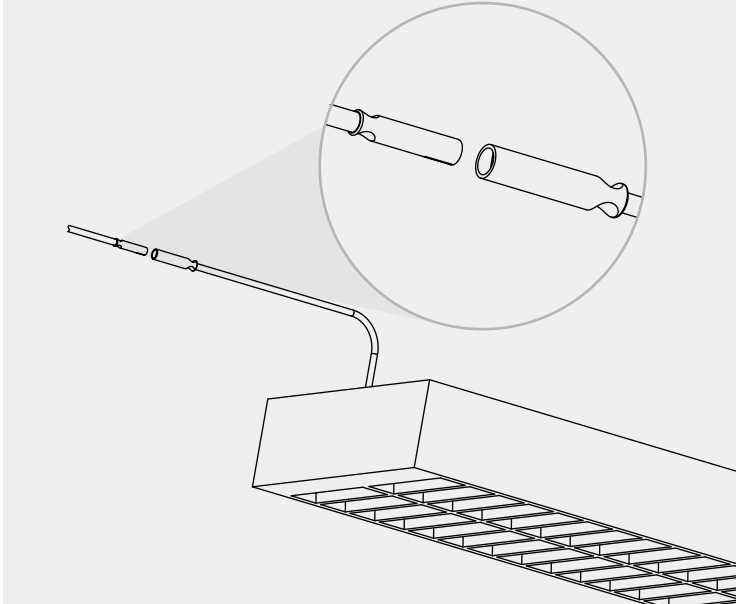




# Light and security where no one else gets

## Pluggable electrical installation in mini-format

### Application example


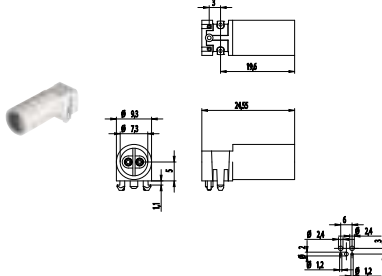
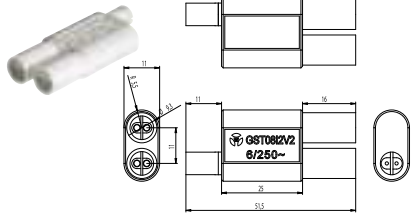




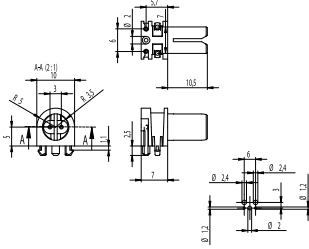

### General

Whether the task is feeding of power supply units or low-voltage distribution, **gesis** MICO takes the next step towards miniaturization of the **gesis** system. The backbone of the new connector system are one 3 pole and three 2 pole codings complete with adapter cables. Here again the point is: the coding color is assigned to an application.

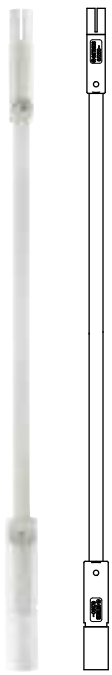
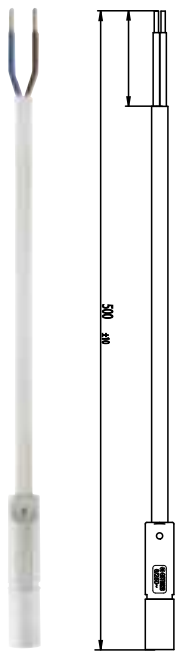
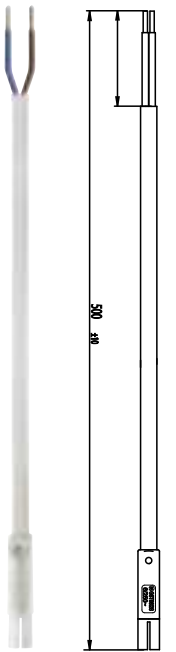


You can simply run the connectors through the drilled holes, so that no special tools are required for laying the cables.

## Solder connection, 2 pole distribution unit, 230V/2.5A

Female connector			Solder connector, horizontal		Distribution unit 1I/2O																	
																						
Application	Coding	Color	Part No.		Part No.																	
			<table border="1"> <tr><td>Installation position</td><td>horizontal</td></tr> <tr><td>Solder pin length</td><td>2.5 mm</td></tr> <tr><td>Fixation</td><td>Studs</td></tr> </table>	Installation position	horizontal	Solder pin length	2.5 mm	Fixation	Studs		<table border="1"> <tr><td><b>1 input</b></td><td></td></tr> <tr><td>Male connector</td><td>2 pole</td></tr> <tr><td><b>2 outputs</b></td><td></td></tr> <tr><td>Female connector</td><td>2 pole</td></tr> <tr><td>Insulation material</td><td>PA66 V-0</td></tr> </table>	<b>1 input</b>		Male connector	2 pole	<b>2 outputs</b>		Female connector	2 pole	Insulation material	PA66 V-0	
Installation position	horizontal																					
Solder pin length	2.5 mm																					
Fixation	Studs																					
<b>1 input</b>																						
Male connector	2 pole																					
<b>2 outputs</b>																						
Female connector	2 pole																					
Insulation material	PA66 V-0																					
	Code 1		white	99.441.0000.8		99.453.0000.8																
			Type	GST08I2LB WS		GST08I2V 2P WS																

Male connector			Solder connector, horizontal									
												
Application	Coding	Color	Part No.		Part No.							
			<table border="1"> <tr><td>Installation position</td><td>horizontal</td></tr> <tr><td>Solder pin length</td><td>2.5 mm</td></tr> <tr><td>Fixation</td><td>Studs</td></tr> </table>	Installation position	horizontal	Solder pin length	2.5 mm	Fixation	Studs			
Installation position	horizontal											
Solder pin length	2.5 mm											
Fixation	Studs											
	Code 1		white	99.440.0000.8								
			Type	GST08I2LS WS								


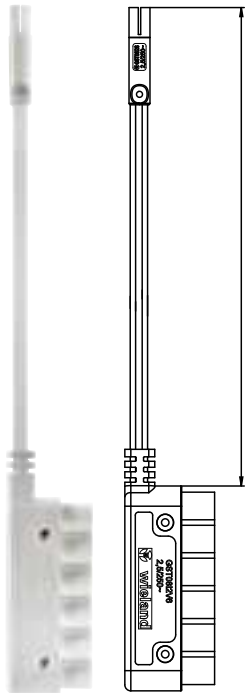



## Cable assemblies, 2 pole, 230V/2.5A

<b>H03V2V2H2-F2G0.75</b> <b>Insulation:</b> <b>containing halogen</b> <b>(PVC)</b>																		
			<b>Extension cable</b> 2 x 0.75 mm <sup>2</sup> Female – Male		<b>Connection cable</b> 2 x 0.75 mm <sup>2</sup> Female – Free end		<b>Connection cable</b> 2 x 0.75 mm <sup>2</sup> Male – Free end											
			<table border="1"> <tr> <th>Wire ends<sup>1)</sup></th> <th>Ferrules</th> </tr> <tr> <td>Sheath strip length</td> <td>21 mm</td> </tr> <tr> <td>Wire strip length</td> <td>7 mm</td> </tr> </table>		Wire ends <sup>1)</sup>	Ferrules	Sheath strip length	21 mm	Wire strip length	7 mm	<table border="1"> <tr> <th>Wire ends<sup>1)</sup></th> <th>Ferrules</th> </tr> <tr> <td>Sheath strip length</td> <td>21 mm</td> </tr> <tr> <td>Wire strip length</td> <td>7 mm</td> </tr> </table>		Wire ends <sup>1)</sup>	Ferrules	Sheath strip length	21 mm	Wire strip length	7 mm
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Sheath strip length	21 mm																	
Wire strip length	7 mm																	
Application	Coding	Color	Length <sup>2)</sup>	Part No.	Part No.	Part No.												
	Code 1  Female  Male	white  Cable white	0.5 m		99.400.0000.8	99.402.0000.8												
			1.0 m	99.403.0000.8														
			3.0 m	99.404.0000.8														
			Type	GST08i2BS 75P 10WS	GST08i2B -75P 05WS	GST08i2-S 75P 05WS												

<sup>1)</sup> Other sheath and insulation strip lengths available on request

<sup>2)</sup> Other lengths available on request

## Cable assemblies with distribution unit, 230 V/2.5 A

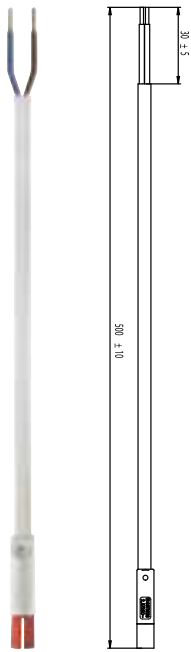
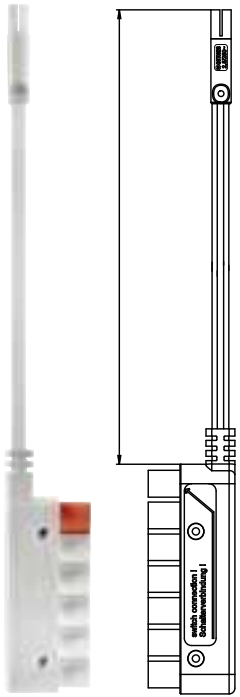
<b>H03V2V2H2-F2G0.75</b> <b>Insulation:</b> <b>containing halogen</b> <b>(PVC)</b>								
			<b>Connection cable</b> 2 x 0.75 mm <sup>2</sup> Female – Male GST 15i2		<b>Distribution unit – Male</b> 2 x 0.75 mm <sup>2</sup> 1x input, male 6x outputs, female		<b>Distribution unit – Male</b> 2 x 0.75 mm <sup>2</sup> 1x input, GST15i3, male 6x outputs, female	
Application	Coding	Color	Length <sup>2)</sup>	Part No.	Part No.	Part No.	Part No.	
	Code 1  Female  Male	white  Cable white	0.5 m	99.401.0000.8	99.405.0000.8			
			1.0 m					
			3.0 m					
			Type	GST08i2BB 75P 05WS	GST08i2VS6P 75P 05WS			
				<b>Power circuit must be fused with a 2.5 A fuse.</b>				

<sup>1)</sup> Other sheath and insulation strip lengths available on request

<sup>2)</sup> Other lengths available on request



## Cable assemblies, 2 pole with switching input, 230V/2.5 A

<b>H03V2V2H2-F2G0.75</b>  <b>Insulation: containing halogen (PVC)</b>						
			<b>Connection cable</b> 2 x 0.75 mm <sup>2</sup> Male – Free end Wire ends <sup>1)</sup> Ferrules Sheath strip length 21 mm Wire strip length 7 mm		<b>Distribution unit – Male</b> 2 x 0.75 mm <sup>2</sup> 1x input, male 6x outputs, female 1x switching input	
Application	Coding	Color	Length <sup>2)</sup>	Part No.	Part No.	
Switching input	Code 2	Female	0.5 m		99.406.0000.8	
			1.0 m			
	Male	red	2.0 m	99.407.0000.8		
		Cable white				
			Type	GST08i2-S 75P 20BR	GST08i2VS6S 75P 0504	

<sup>1)</sup> Other sheath and insulation strip lengths available on request

<sup>2)</sup> Other lengths available on request


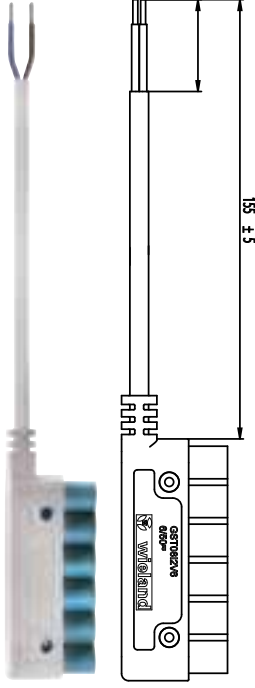
## Cable assemblies, 2 pole, 12 V/6 A

H03V2V2H2-F2G0.75																		
<b>Insulation: containing halogen (PVC)</b>																		
			<b>Extension cable</b> 2 x 0.75 mm <sup>2</sup> Female – Male		<b>Connection cable</b> 2 x 0.75 mm <sup>2</sup> Female – Free end		<b>Connection cable</b> 2 x 0.75 mm <sup>2</sup> Male – Free end											
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Sheath strip length	21 mm																	
Wire strip length	7 mm																	
Application	Coding	Color	Length <sup>2)</sup>	Part No.	Part No.	Part No.												
	Code 3  Female  Male	blue  Cable white	0.5 m		99.408.0000.8	99.410.0000.8												
			1.0 m	99.411.0000.8														
			3.0 m	99.412.0000.8														
			Type	GST08i2BS 75P 10WS	GST08i2B- 75P 05BL02	GST08i2-S 75P 05BL02												

<sup>1)</sup> Other sheath and insulation strip lengths available on request

<sup>2)</sup> Other lengths available on request

## Cable assemblies and distribution units, 2 pole, 12V/6A

<b>H03V2V2H2-F2G0.75</b> <b>Insulation: containing halogen (PVC)</b>						
			<b>Connection cable</b> 2 x 0.75 mm <sup>2</sup> Female – Male GST 15i2		<b>Distribution unit – Free end</b> 2 x 0.75 mm <sup>2</sup> 1x input, free end 6x outputs, female Sheath strip length 21 mm Wire strip length 7 mm	
Application	Coding	Color	Length <sup>2)</sup>	Part No.	Part No.	
	Code 3	Female blue Cable white	0.15 m		99.413.0000.8	
			0.50 m	99.409.0000.8		
			1.00 m			
			3.00 m			
		Male				
			Type	GST08i2BB 75P 05BL02	GST08i2 VS6P 75P 05BL02	

<sup>1)</sup> Other sheath and insulation strip lengths available on request

<sup>2)</sup> Other lengths available on request

## Cable assemblies, 2 pole, 24V/6A

<b>H03V2V2H2-F2G0.75</b> <b>Insulation: containing halogen (PVC)</b>																		
			<b>Extension cable</b> 2 x 0.75 mm <sup>2</sup> Female – Male		<b>Connection cable</b> 2 x 0.75 mm <sup>2</sup> Female – Free end		<b>Connection cable</b> 2 x 0.75 mm <sup>2</sup> Male – Free end											
			<table border="1"> <tr> <td>Wire ends<sup>1)</sup></td> <td>Ferrules</td> </tr> <tr> <td>Sheath strip length</td> <td>21 mm</td> </tr> <tr> <td>Wire strip length</td> <td>7 mm</td> </tr> </table>		Wire ends <sup>1)</sup>	Ferrules	Sheath strip length	21 mm	Wire strip length	7 mm	<table border="1"> <tr> <td>Wire ends<sup>1)</sup></td> <td>Ferrules</td> </tr> <tr> <td>Sheath strip length</td> <td>21 mm</td> </tr> <tr> <td>Wire strip length</td> <td>7 mm</td> </tr> </table>		Wire ends <sup>1)</sup>	Ferrules	Sheath strip length	21 mm	Wire strip length	7 mm
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Wire ends <sup>1)</sup>	Ferrules																	
Sheath strip length	21 mm																	
Wire strip length	7 mm																	
Application	Coding	Color	Length <sup>2)</sup>	Part No.	Part No.	Part No.												
	Code 3  Female  Male	green  Cable white	0.5 m		99.414.0000.8	99.416.0000.8												
			1.0 m	99.417.0000.8														
			3.0 m	99.418.0000.8														
			Type	GST08i2BS 75P 10WS	GST08i2B- 75P 05BL02	GST08i2-S 75P 05BL02												

<sup>1)</sup> Other sheath and insulation strip lengths available on request

<sup>2)</sup> Other lengths available on request


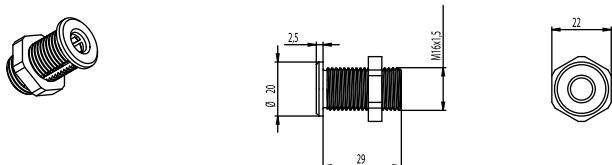
## Cable assemblies and distribution units, 2 pole, 24 V/6 A

<b>H03V2V2H2-F2G0.75</b> <b>Insulation: containing halogen (PVC)</b>					
			<b>Distribution unit - Free end</b> 2 x 0.75 mm <sup>2</sup> 1x input, free end 6x outputs, female Sheath strip length 21 mm Wire strip length 7 mm		
Application	Coding	Color	Length <sup>2)</sup>	Part No.	
	Code 3	Female	0.15 m	99.419.0000.8	
		Male			
		green			
		Cable white			
			Type	GST0812 VS6P 75P 05BL02	

<sup>1)</sup> Other sheath and insulation strip lengths available on request

<sup>2)</sup> Other lengths available on request

## Accessories

Housing installation frame	Name	Color	Part no.
	<b>Housing installation frame</b>	white	99.450.0000.8
	 <p data-bbox="512 689 799 734">For 2 pole female connector including fixation screw GST08i2</p>		

Additional information about the complete GST range (2 pole to 5 pole) available in the brochures

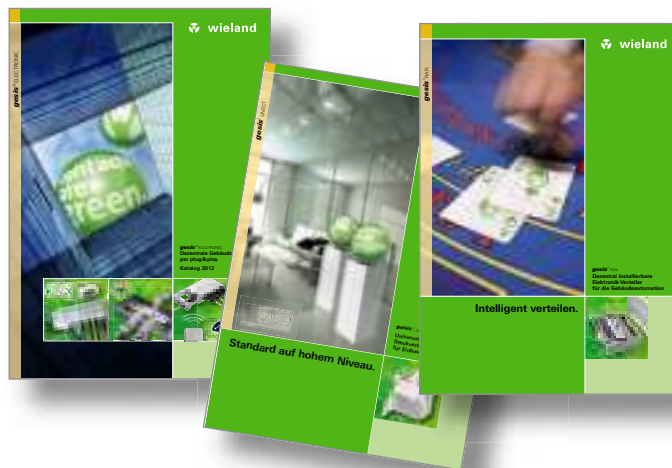
0640.1 "Small and powerful"

0700.1 "Decentralized building automation"






0602.1 "State-of-the-Art Standard"

0409.1 "Intelligent Deal"

and in our eCat for direct ordering with further information, drawings, etc.



## Cable assemblies 3 pole, 230V/6A



<b>H03VV-F3G0.75</b> <b>Insulation:</b> <b>containing halogen</b> <b>(PVC)</b>								
			<b>Extension cable</b> 3 x 0.75 mm <sup>2</sup> Female – Male		<b>Connection cable</b> 3 x 0.75 mm <sup>2</sup> Female – Free end Wire ends <sup>1)</sup>   Ferrules		<b>Connection cable</b> 3 x 0.75 mm <sup>2</sup> Male – Free end Wire ends <sup>1)</sup>   Ferrules	
Application	Coding	Color	Length <sup>2)</sup>	Part No.	Part No.	Part No.		
	Code 1  Female  Male	white  Cable white	0.5 m		99.420.0000.8	99.422.0000.8		
			1.0 m	99.423.0000.8				
			3.0 m	99.424.0000.8				
			Type	GST08I3BS 75P 10WS	GST08I3B- 75P 05WS	GST08I3-S 75P 05WS		

<sup>1)</sup> Other sheath and insulation strip lengths available on request

<sup>2)</sup> Other lengths available on request




## Cable assemblies 3 pole, 230 V/6 A

<b>H03VV-F3G0.75</b> <b>Insulation:</b> <b>containing halogen</b> <b>(PVC)</b>						
			<b>Distribution unit – Male</b> 3 x 0.75 mm <sup>2</sup> 1x input, male 6x outputs, female		<b>Connection cable</b> 3 x 0.75 mm <sup>2</sup> Female – Male GST 15i3	
Application	Coding	Color	Length <sup>2)</sup>	Part No.	Part No.	
	Code 1	Female	0.5 m	99.425.0000.8	99.421.0000.8	
		Male	2.0 m			
		Cable white				
			Type		GST08i3BB 75P 05WS	

<sup>1)</sup> Other sheath and insulation strip lengths available on request

<sup>2)</sup> Other lengths available on request

## Accessories

Housing installation frame	Name	Color	Part no.
	Housing installation frame	white	99.451.0000.8
	For 3 pole female connector including fixation screw GST08i3		

Additional information about the complete GST range (2 pole to 5 pole) available in the brochures

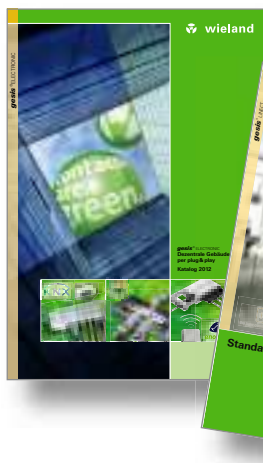
0640.1 "Small and powerful"

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0602.1 "State-of-the-Art Standard"

0409.1 "Intelligent Deal"

and in our eCat for direct ordering with further information, drawings, etc.





## Possible uses.

Only drill once!



## Technical data GST08i2

### General:

Number of poles:	2		
Rated values:	White coding:	250 V~, 2.5 A	
	Blue coding:	12 V, 6 A	
	Green coding:	24 V, 6 A	
	Red coding:	250 V~, 2.5 A	
Approvals:	EN 60320 and EN 61984 applied for		
Ambient temperature:	-5...+40° C		
Operating temperature:	Max. 70° C		
Materials:	Cables:	PVC (H03V2V2H2-F)	
	Insulation housing:	PA 6	
	Housing:	PVC	
Codings:	Different mechanical codings, identified by color. Observe differing rated voltages.		
Please note:	When using adapter cables for connection to GST 15 or GST 18, the circuit must be fused for the rated current of the GST08 components!		
	GST08 connectors are not a replacement for domestic plug and socket systems. According to VDE 0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems.		
	<b>gesis</b> MICRO (GST08) is not intended for use in fixed installations.		
	Never tamper with the cables and components! Observe applicable accident prevention and safety regulations. Do not use third-party components.		
Cable assemblies:	Variations:	Extension cables	Female – Male
		Connection cables	Female – Free end
		Connection cables	Male – Free end
		Adapter cables	Female GST 15 to male GST08
		Distribution cables	Male connector to 6-fold distribution unit
Open line ends:	Sheath and insulation stripped and crimped with ferrules		

# Technical data GST08i3

## General:

Number of poles: 3  
 Rated values: White coding: 250 V~, 6 A

Approvals: EN 60320 and EN 61984 applied for

Ambient temperature: -5...+40° C  
 Operating temperature: Max. 70°C

Materials: Cables: PVC (H03VV-F)  
 Insulation housing: PA 6  
 Housing: PVC

Codings: A mechanical coding

Please not: When using adapter cables for connection to GST 15 or GST 18, the circuit must be fused for the rated current of the GST08 components!

GST08 connectors are not a replacement for domestic plug and socket systems. According to VDE 0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems.

**gesis** MICRO (GST08) is not intended for use in fixed installations.

Never tamper with the cables and components! Observe applicable accident prevention and safety regulations. Do not use third-party components.

Cable assemblies: Variations: Extension cables Female – Male  
 Connection cables Female – Free end  
 Connection cables Male – Free end  
 Adapter cables Female GST 15 to male GST08  
 Distribution cables Male connector to 6-fold distribution unit

Open line ends: Sheath and insulation stripped and crimped with ferrules

# Hotline, advice Additional information

## Technical support Automation technology:

- Safety technology **safety**  
Phone: +49 951 9324-999  
e-mail: [safety@wieland-electric.com](mailto: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](mailto: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](mailto: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](mailto:Solar@wieland-electric.com)

## Additional information for pluggable installation:

- |                                 |                 |
|---------------------------------|-----------------|
| <b>gesis</b> CON                | Part No. 0600.1 |
| <b>gesis</b> IP+                | Part No. 0690.1 |
| <b>gesis</b> luminaires catalog | Part No. 0407.1 |

## for remote electronic distribution units:

- |                         |                 |
|-------------------------|-----------------|
| <b>gesis</b> ELECTRONIC | Part No. 0700.1 |
| <b>gesis</b> RAN        | Part No. 0409.1 |

## for solar technology:

- |                            |                 |
|----------------------------|-----------------|
| <b>gesis</b> SOLAR flyer   | Part No. 0411.1 |
| <b>gesis</b> SOLAR catalog | Part No. 0710.1 |

## Information about Wieland products in general:

- |                                 |                 |
|---------------------------------|-----------------|
| <b>Wieland Product Overview</b> | Part No. 0003.1 |
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## General information and news:

[www.wieland-electric.com](http://www.wieland-electric.com)

Visit our eCAT at

<http://eshop.wieland-electric.com>



## Our subsidiaries

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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 mm<sup>2</sup>
  - 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 IP20/IP65...IP68
  - 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

contacts  
are  
green.