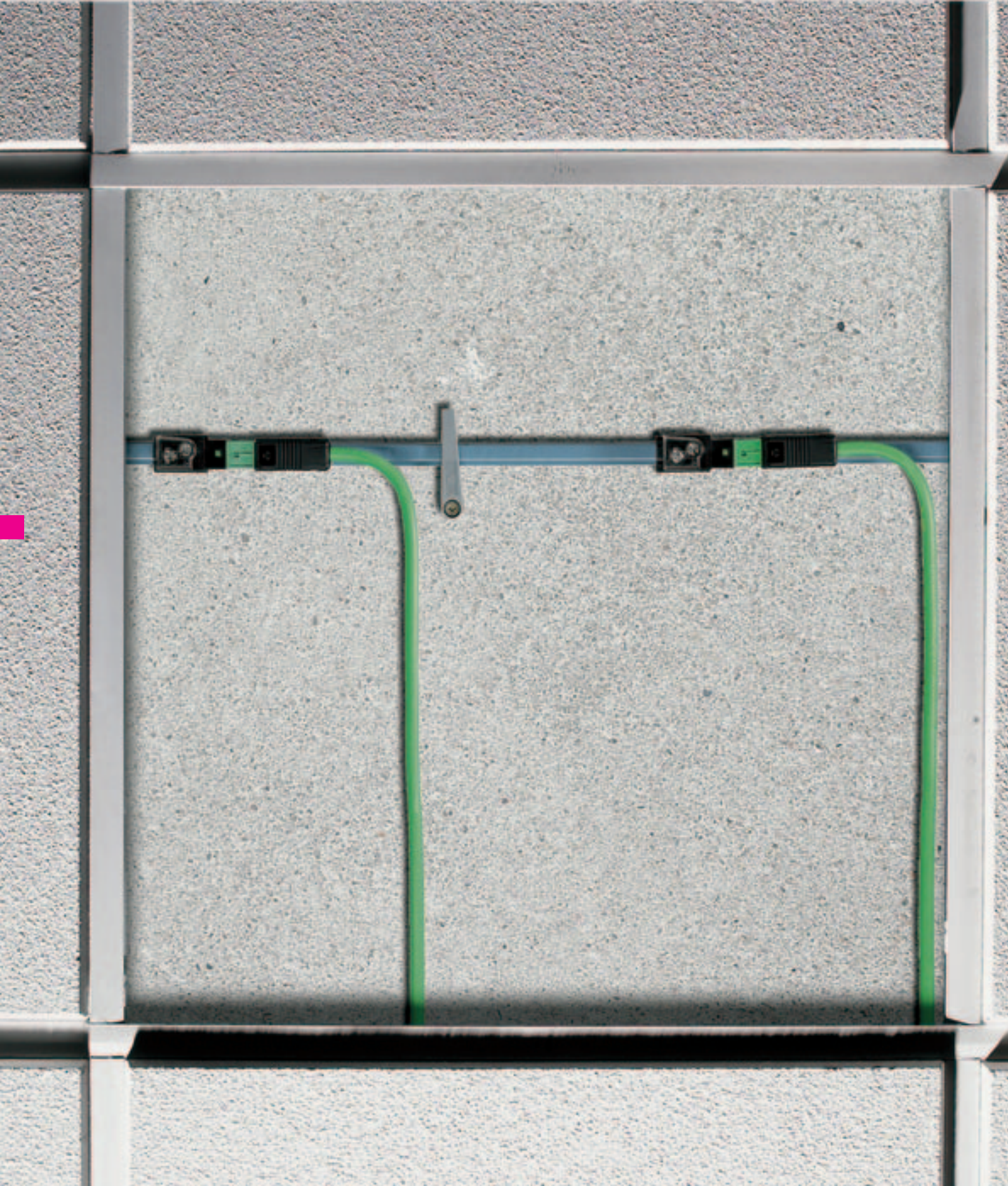


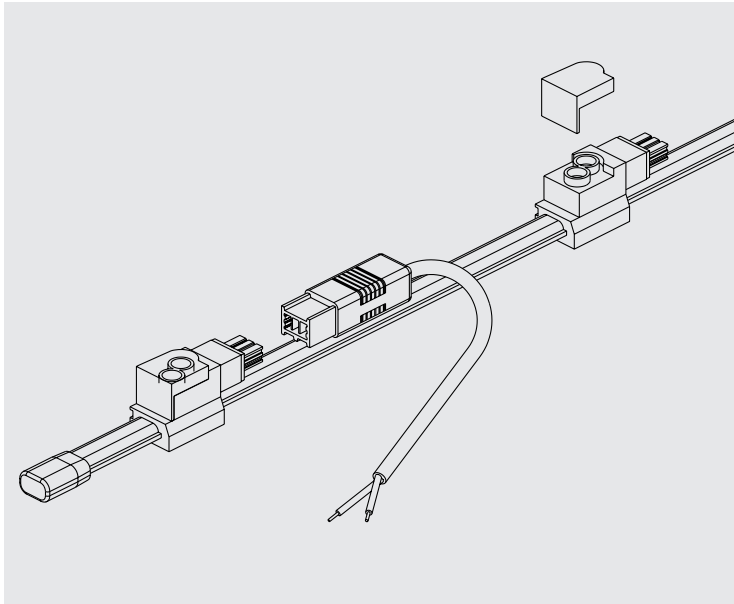
gesis[®]



Flat cable system 2 pole

2 pole EIB Bus/control signals




Application example



General

With the option of the flat cable system, you can enjoy all the benefits of a modern electrical installation. Once the flat cable has been installed, you can quickly and reliably place branch circuits exactly where they are required, without re-terminating the cable. Conversions or extensions can thus be carried out both rapidly and economically. The plug-in flat cable adapters can be used as an incoming supply or as an outgoing unit and are available with three different mechanical codes. Further connection to the load is carried out using connectors from the selected range and coding. Mechanical coding means that only associated pairs of male and female connectors with the same code can be connected with the correct polarity. You therefore have the security of a clear segregation of different applications without having to redo any incorrect connections. The colour of the connectors indicates the relevant usage.

Coding

Name	Description	Further connections with components of series	Connection style	Strain relief housing	Connection points per pole	Application	Mechanical coding	Colour
Flat cable	Bus: 2 x 1.5 mm ² screen, PVC Bus: 2 x 1.5 mm ² screen, halogen-free		insulation piercing					grey grey with „FR/LSOH“
Output/Supply EIB 2 pole	Flat cable adapter with output, horizontal to line	BST 14i2		preassembled with female connector		EIB signals	Code 1 	green
Output/Supply Dimming 2 pole						Dimming	Code 2 	pastel blue (upon request)
Output/Supply Bus/control signals 2 pole		BST 14i3				Bus and control signals	Code 3 	black



Flat cable adapter BST 14i2 for EIB Bus 2 pole

With insulation piercing technology for tapping off the 2 pole EIB Bus signal.
Outgoing unit or incoming supply with BST 14i2 female connector parallel to the cable.

Application	Coding	Colour	Part No.	Box Qty
<p>Further connection with components of the BST 14i2 range</p>				

EIB Bus	Code 1 1+ / 2- 	green	93.421.0953.0	50
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Type			BST 14i2I B1 H			
Application	Coding	Colour	Part No.	Box Qty	Part No.	Box Qty
			Extension cable BST 14i2 2 x 0.5 mm ² male – female 		Connection cable BST 14i2 2 x 0.5 mm ² male – free end 	
The complete range can be found under BST 14i2						

EIB Bus	Code 1 Female 1+ / 2- Male 2- / 1+ 	green	1.0 m 94.425.1000.7 100 2.0 m 94.425.2000.7 50 3.0 m 94.425.3000.7 30 4.0 m 94.425.4000.7 30 5.0 m 94.425.5000.7 30 6.0 m 94.425.6000.7 25 7.0 m 94.425.7000.7 25 8.0 m 94.425.8000.7 20	94.425.1004.7 100 94.425.2004.7 50 94.425.3004.7 30 94.425.4004.7 30 94.425.5004.7 30 94.425.6004.7 25 94.425.7004.7 25 94.425.8004.7 20
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			Type	BST 14i2KF BS	BST 14i2KF-S
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Flat cable system 2 pole

2 pole EIB Bus/control signal

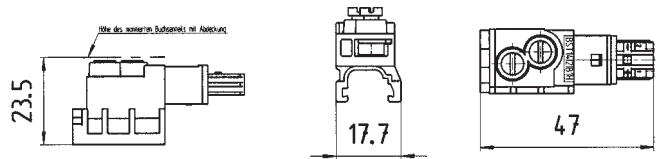
Flat cable adapter BST 14i3 for control signal

with insulation piercing technology for tapping off 2 pole control signals.
A connection for the screen is not provided.
The third pole of the connector thus remains free.
Outgoing unit or incoming supply with female connector, BST 14i3 coding, parallel to the cable entry.

Application Coding Colour

Part No. Box Qty

Further connection with components of the **BST 14i3** range



Control signal



black

93.421.2953.1 50

Type **BST 14i2I B1 H**

Application Coding Colour

Part No. Box Qty

Part No. Box Qty

Extension cable BST 14i3

3 x 0.5 mm²
male – female



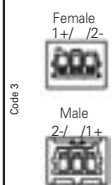
Connection cable BST 14i3

3 x 0.5 mm²
male – free end



The complete range can be found under **BST 14i3**

Control signal



black





1.0 m	94.435.1000.1	100
2.0 m	94.435.2000.1	50
3.0 m	94.435.3000.1	30
4.0 m	94.435.4000.1	30
5.0 m	94.435.5000.1	30
6.0 m	94.435.6000.1	25
7.0 m	94.435.7000.1	25
8.0 m	94.435.8000.1	20

94.435.1004.1	100
94.435.2004.1	50
94.435.3004.1	50
94.435.4004.1	30
94.435.5004.1	30
94.435.6004.1	25
94.435.7004.1	25
94.435.8004.1	20

Type **BST 14i3KF BS**

BST 14i3KF-S

BST 14i 50 V, 3A

Flat cable		Flat cable		Cable clip		Cable end cap	
<p>PVC, for bus: 2 x 1.5 mm²</p> <p>Twin screening (complies with EIB specification), colour grey, insulating material: PVC</p> <p>See "Technical Data"</p>		<p>halogen free, for bus: 2 x 1.5 mm²</p> <p>twin screening (complies with EIB specification) Colour: light green with markings "LSOH" Insulating material: thermoplastic</p> <p>See "Technical Data"</p>		<p>for flat cable</p>		<p>Must be mounted at the start and end of each cable</p>	
Part No.	Box Qty	Part No.	Box Qty	Part No.	Box Qty	Part No.	Box Qty
							
<p>Warranties on all parts apply only where original cable as specified in this catalogue is used</p>		<p>Warranties on all parts apply only where original cable as specified in this catalogue is used</p>					
00.702.1022.3		00.709.1022.3		05.562.3000.0	100	05.562.4400.0	20

Flat cable system 2 pole

2 pole EIB Bus/control signal

Sample set (EIB)

Sample set

For BST 14i2

For BST 14i3

Part No. Box Qty

Part No. Box Qty



Contents:

Prefabricated cable
male – free end
94.425.XY04.7
Sample length

Spring loaded female connector
93.421.0553.1

Snap-in male connector
93.422.0353.1

Flat cable
00.702.1022.7

Adapter BST 14i2
93.421.0953.0

Distribution block
93.420.0053.0

99.471.0000.0 1

Contents:

Prefabricated cable
male – free end
94.435.XY04.1
Sample length

Spring loaded female connector
93.431.2553.1

Flat cable
00.702.1022.7

Adapter BST 14i3
93.421.2953.1

Snap-in male connector
93.432.2353.1

Distribution block
93.420.2053.1

99.472.0000.0 1