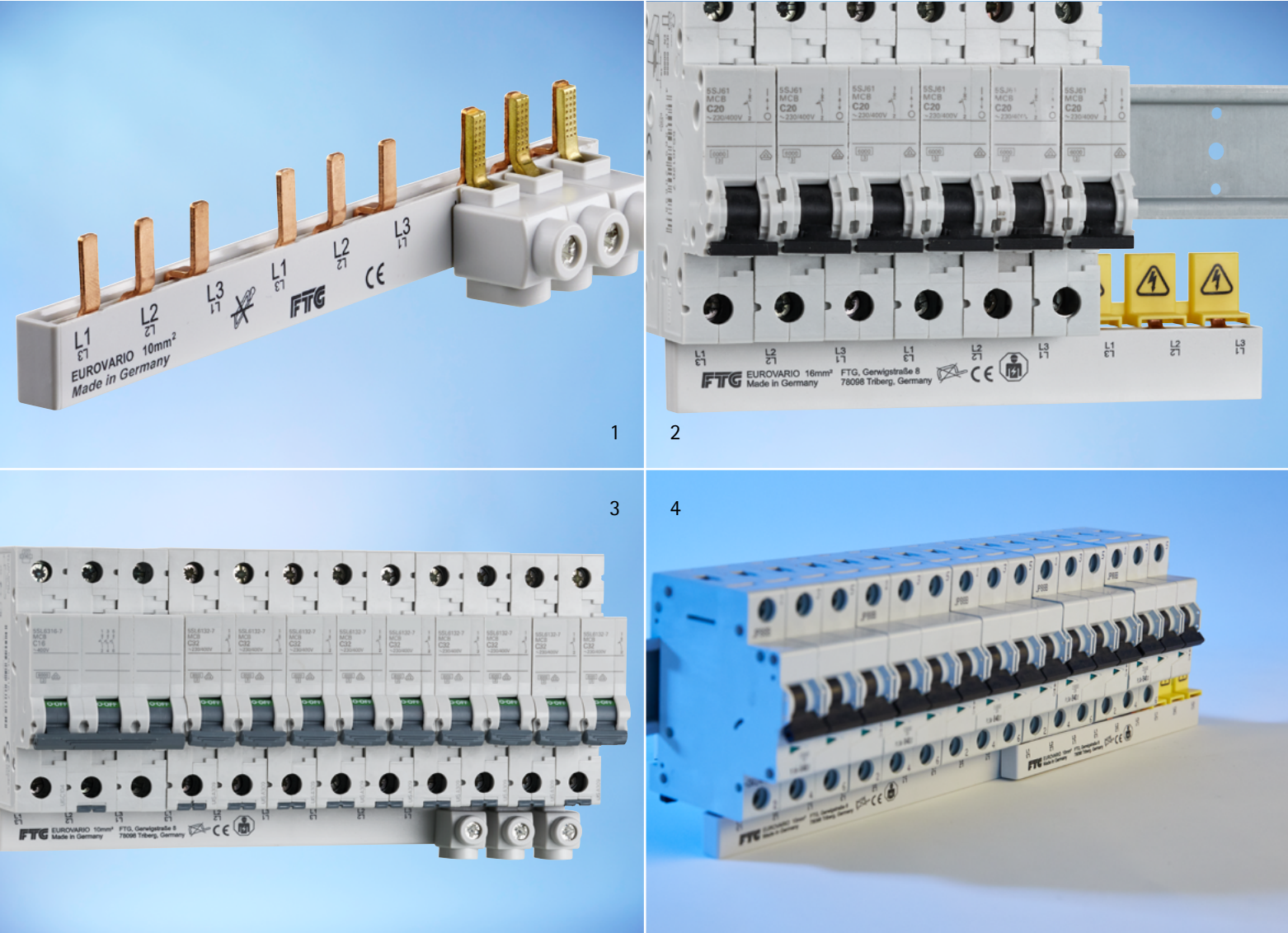


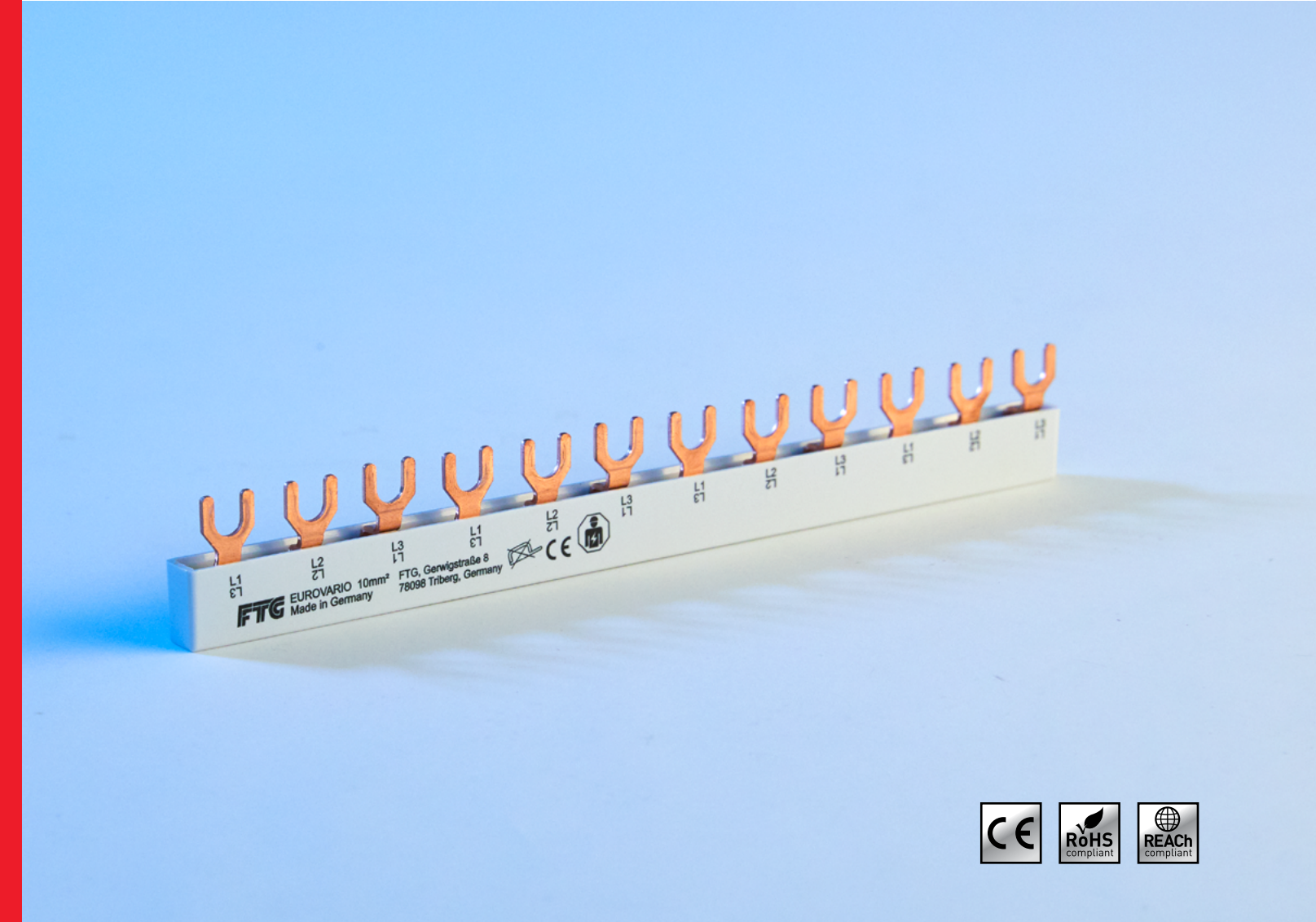
FTG – Friedrich Göhringer
 Elektrotechnik GmbH
 Gerwigstr. 8
 DE-78098 Triberg
 Germany
 Phone +49 (0) 7722 96 36 0
 Fax +49 (0) 7722 96 36 36
 www.ftg-germany.de



1 Eurovario with welded feeding terminals | 2 protection covers for unused phases | 3 application with feeding terminals | 4 Further connection of several Eurovario busbars

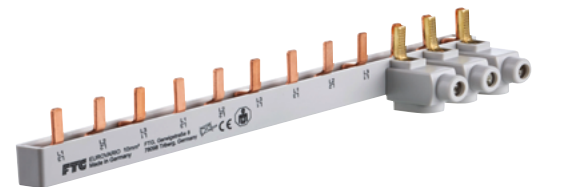
 Made in Germany

04.2017 | © 2017 Friedrich Göhringer Elektrotechnik GmbH | Subject to technical modifications and errors.



Eurovario

Do you know our Eurovario-System?



Simple and quick

Inserting – tighten – finished!

The Eurovario-System is very compact and saves a huge amount of time when it comes to assembly. In contrast to existing busbars, there is no time-consuming sawing, burring, cleaning or mounting of endcaps. System assembly does not produce any dirt which could cause unwanted short circuiting.

In addition, the Eurovario-System is streamlined, and yet the quality and current carrying capacity are as good as any standard busbars. The Eurovario-System is made to measure in our factory in the Black Forest and is ready for use immediately. Because of their design, the busbars can be easily extended by overlapping if a distribution has to

- simple and quick installation
- 10, 16 and 25 mm²
- integrated endcovers
- compact design
- over 70% time saving
- type: pin or fork
- no sawing
- enormous number of variations
- high current requirements
- busbars up to 100A / 690V
- terminals up to 125A / 690V

be expanded. This technique can also be used to double the cross-section to up to 50 mm² without any problems.

To reduce the time required for assembly and enhance efficiency, and also to avoid connection errors, FTG has added a new generation incorporating a welded feeding terminal to the Eurovario-System.

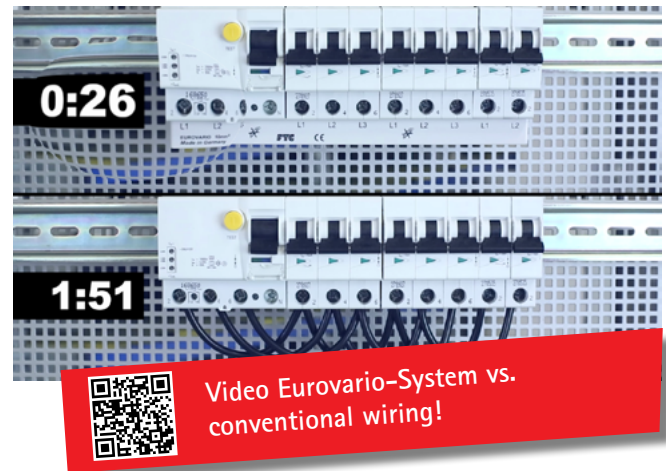
The welding process creates an optimal connection between the feeding terminal and the Eurovario busbar.

Added-value of the welded feeding terminal

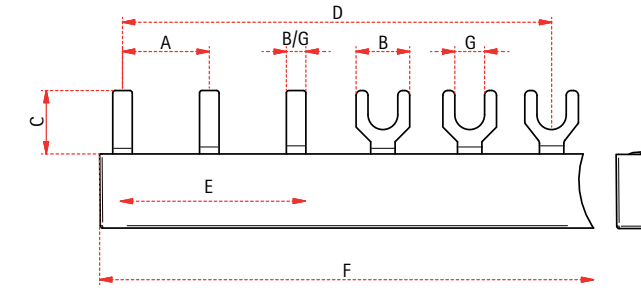
- reduction of wiring errors
- optimal connection between feeding terminal and busbar

Usage

- for less effort in installation and more efficiency
- suitable for mechanical and plant engineering

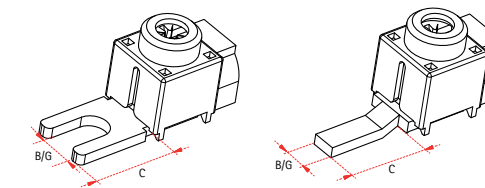


Eurovario busbars



- A | pitch (mm)
- B | type
- C | penetration depth (mm)
- D | number of poles
- E | phase sequence
- F | length (mm)
- G | pin width / fork opening (mm)

Eurovario 10mm ²	Eurovario 16mm ²	Eurovario 25mm ²	A	B	C	D	E	F	G	Packing unit
ES 11210	ES 11216	ES 11225	17,8	fork	12	12	L1 L1...	212	6	10
ES S11210	ES S11216	ES S11225	17,8	pin	12	12	L1 L1...	212	4	10
ES 21210	ES 21216	ES 21225	17,8	fork	12	12	L1 L2 / N...	212	6	10
ES S21210	ES S21216	ES S21225	17,8	pin	12	12	L1 L2 / N...	212	4	10
ES 31210	ES 31216	ES 31225	17,8	fork	12	12	L1 L2 L3...	212	6	10
ES S31210	ES S31216	ES S31225	17,8	pin	12	12	L1 L2 L3...	212	4	10
ES F18LS So	ES F18LS16 So	ES F18LS25 So	17,8	fork	12	11	L1 L2 L3 _ L1 L2 L3...	212	6	10
ES SF18LS So	ES SF18LS16 So	ES SF18LS25 So	17,8	pin	12	11	L1 L2 L3 _ L1 L2 L3...	212	4	10
ES 41210	ES 41216	ES 41225	17,8	fork	12	12	L1 L2 L3 N	212	6	10
ES S41210	ES S41216	ES S41225	17,8	pin	12	12	L1 L2 L3 N	212	4	10
ES 41210FI/LS	ES 41216FI/LS	ES 41225FI/LS	17,8	fork	12	12	L1 L2 L3 N L1 N L2 N L3 N	212	6	10
ES S41210FI/LS	ES S41216FI/LS	ES S41225FI/LS	17,8	pin	12	12	L1 L2 L3 N L1 N L2 N L3 N	212	4	10

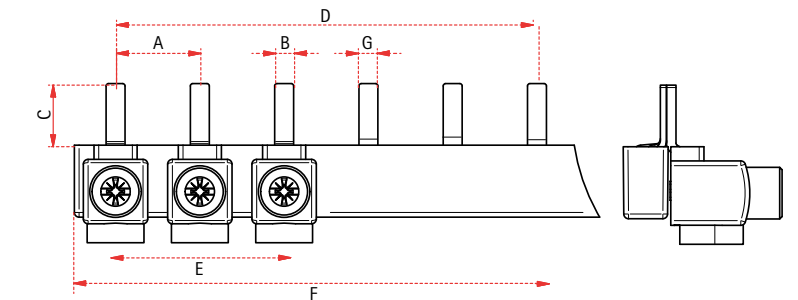


Feeding Terminals

Part #	B	C	Ø single / multi wired	Ø fine wire with AE	G	Packing unit
802/114i	fork	15	6-25 mm ²	4-16 mm ²	6	25
802/114Qi	fork	15	6-25 mm ²	4-16 mm ²	6	25
802/115Si	pin	13,5	6-25 mm ²	4-16 mm ²	4	25
802/115SQi	pin	13,5	6-25 mm ²	4-16 mm ²	4	25
802/215i	fork	15	6-50 mm ²	4-35 mm ²	6	25
802/215Si	pin	13,5	6-50 mm ²	4-35 mm ²	4	25
802/215Qi	fork	15	6-50 mm ²	4-35 mm ²	6	25
802/215SQi	pin	13,5	6-50 mm ²	4-35 mm ²	4	25
802/2ESB50	fork or pin	-	6-50 mm ²	6-35 mm ²	-	25

Eurovario-Systems are available in numerous designs. Discover individually determined pitch units and lengths for the cross sections 10, 16 and 25 mm². Of course, the suitable feeding terminals and contact protection covers are available as accessories.

Eurovario busbars with welded feeding terminals



- A | pitch (mm)
- B | type
- C | penetration depth (mm)
- D | number of poles
- E | phase sequence
- F | length (mm)
- G | pin width (mm)

Eurovario 10mm ²	Eurovario 16mm ²	Eurovario 25mm ²	A	B	C	D	E	F	G	Packing unit
ESS 30610-K25	ESS 30616-K25	ESS 30625-K25	17,8	pin	12	6	L1 L2 L3...	104	4	10
ESS 30910-K25	ESS 30916-K25	ESS 30925-K25	17,8	pin	12	9	L1 L2 L3...	159	4	10
ESS 31210-K25	ESS 31216-K25	ESS 31225-K25	17,8	pin	12	12	L1 L2 L3...	212	4	10
ESS 41210N-K25	ESS 41216N-K25	ESS 41225N-K25	17,8	pin	12	12	L1 N L2 N L3 N...	212	4	10

Protection cover for unused phases

Part #	Description	Packing unit
BRL 5	Protection cover individually separable for 5 spacings (TE)	10