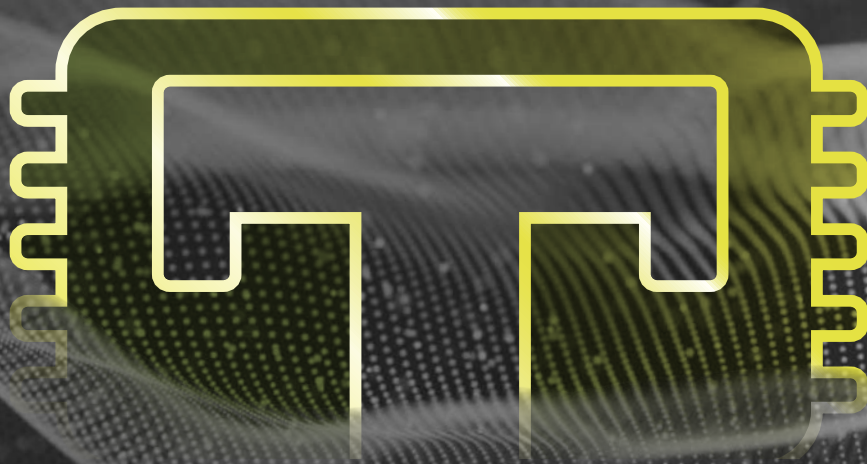
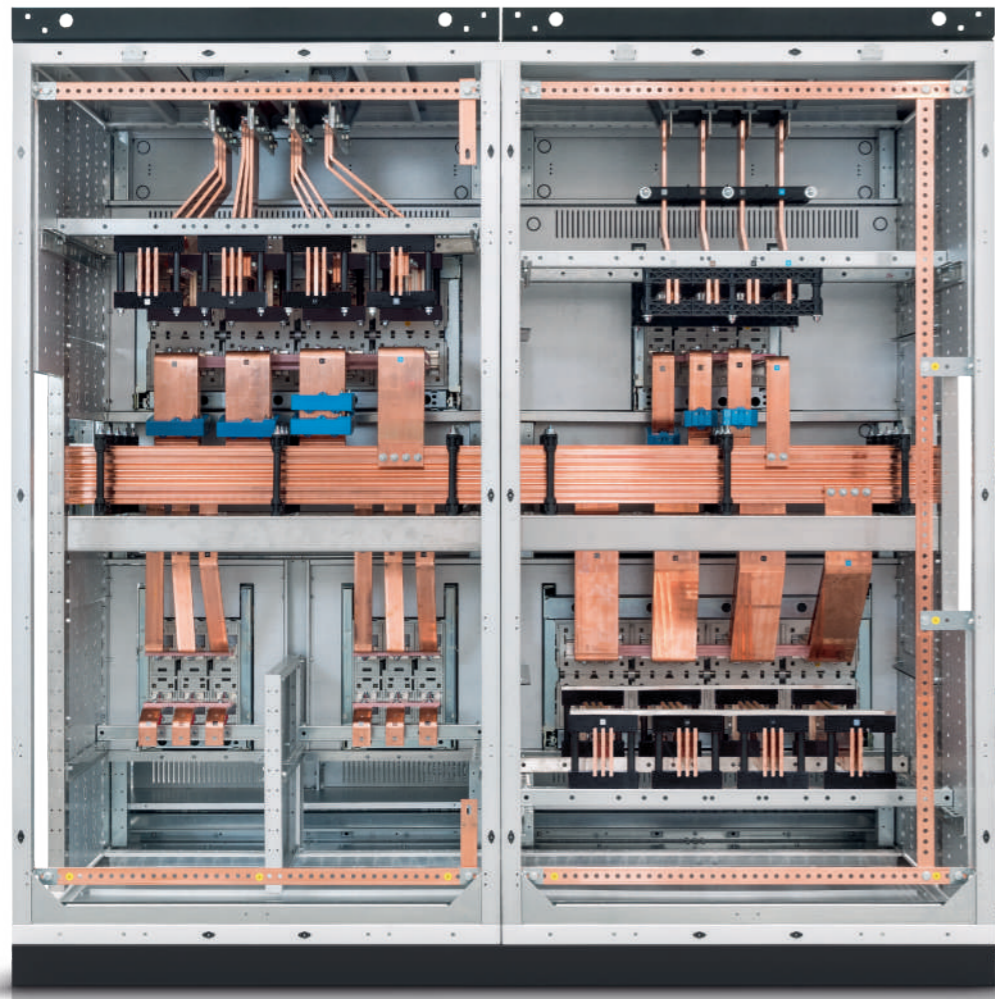


SMART ENERGY *copper*



Universal copper busbar system
up to 6300 A



Universal copper busbar system up to 6300 A. A cost-effective, cutting-edge system.

SMART ENERGY *copper*

Main characteristics

- Double-grooved copper profiles
- Busbar holders made of selfextinguishing PA6 polyamide, class V0 IEC 60695-11-10.
- Busbar system up to 6300 A and Icc= 105 ka.

- System easily placeable in the cable compartment, in the rear and or the upper zone of the cabinet.
- Simple installation and wiring thanks to hammer-head screws and Lafer accessories.

- Simple coupling and junction between bars.
- Maximum ease of installation of all electrical equipments.















Smart-Energy copper can be used in Lafer cabinets and in those of other brands as well.

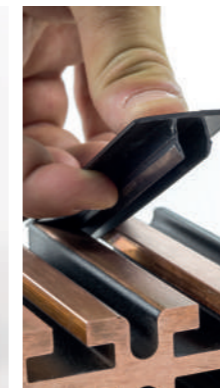
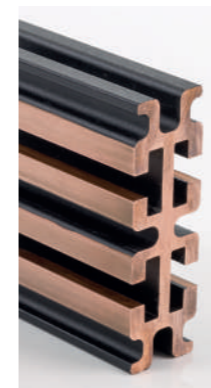


SMART ENERGY *copper*

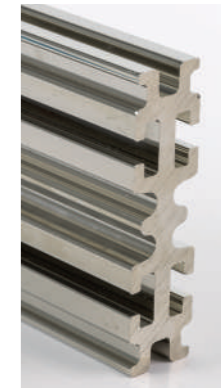
A specific bar for every power

Double-grooved copper profiles. Bars available in three lengths: 1830 mm, 2030 mm and 2325 mm.

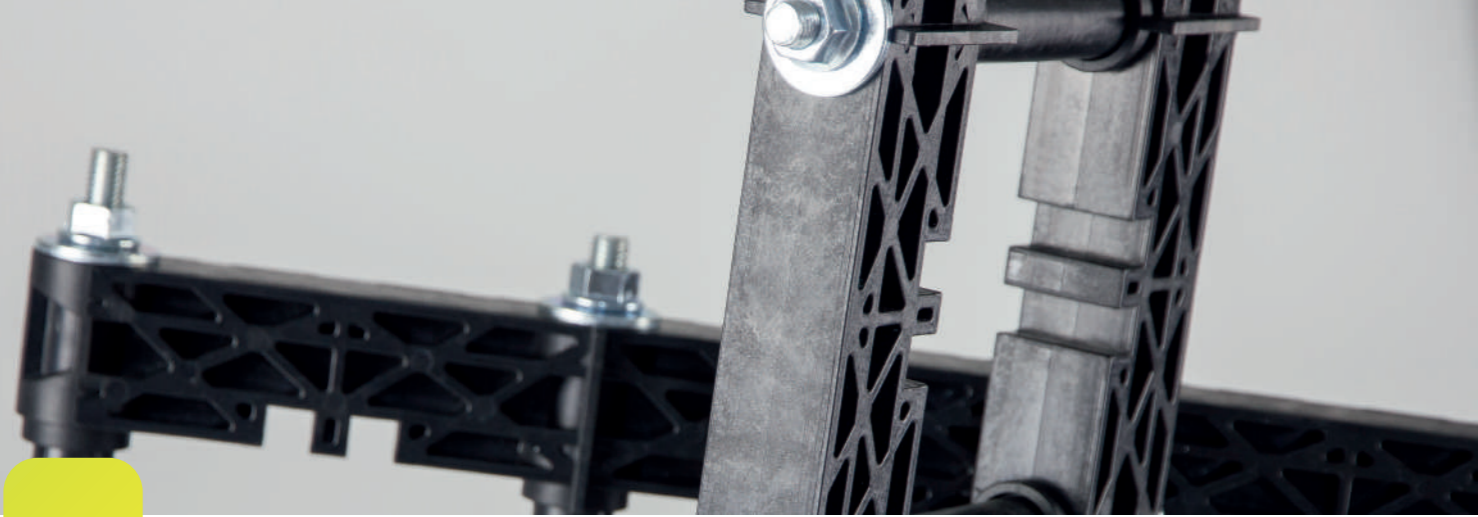
| | | | | | | |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| BR8P 800A 15X50 mm | BR12P 1250A 30x50 mm | BR8P 1250A (neutro 50%) 15X50 mm | BR16P 1600A 30X50 mm | BR8P 1600A (neutral 50%) 30X50 mm | BR20P 2000A 30X80 mm | BR20P/5 2000 A (neutral 50%) 15X80 mm |
|  |  |  |  |  |  |  |
| BR25P 2500A 30X100 mm | BR25P/5 2500 A (neutral 50%) 15X100 mm | BR32P 3200A 30X120 mm | BR32P/5 3200 A (neutral 50%) 15X120 mm | BR40P 4000A 30X150 mm | BR40P/5 4000A (neutral 50%) 15X150 mm | BR50P 5000A 35X180 mm |



INSULATED SMART-ENERGY COPPER PROFILE
Copper bar treated with protective coat and equipped with plastic shutter

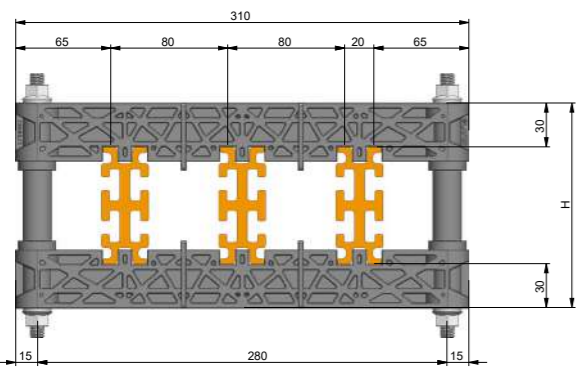


TIN-PLATED OR NICKEL-PLATED SMART ENERGY COPPER PROFILE
Tin-plated or nickel-plated copper bar



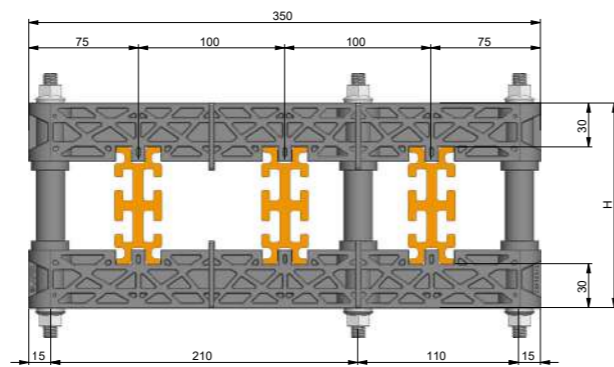
Maximum speed of installation 3-pole busbar holders

Different configurations for applications **from 630 A up to 6300 A**.



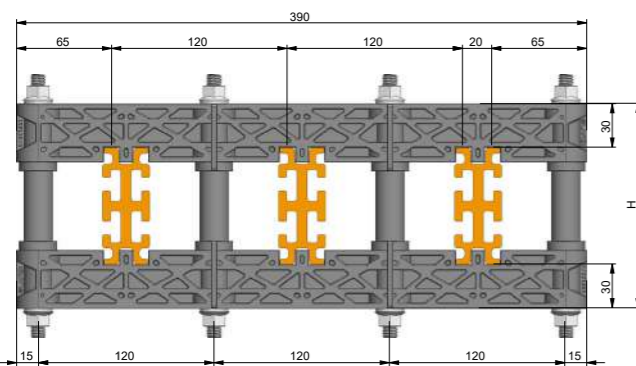
mounting distance 80 mm

| In (A) | H |
|------------------------|-----|
| 800 - 1000/1250 - 1600 | 110 |



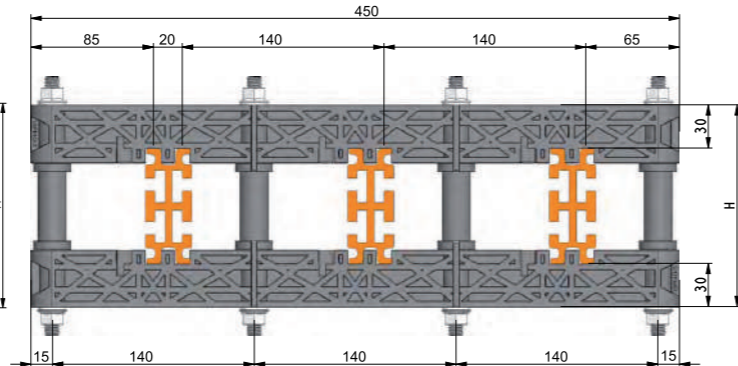
mounting distance 100 mm

| In (A) | H |
|----------------------------|-----|
| 630/800 - 1000/1250 - 1600 | 110 |
| 2000 | 140 |
| 2500 | 160 |
| 3200 | 180 |



mounting distance 120 mm

| In (A) | H |
|-------------------|-----|
| 800 - 1250 - 1600 | 110 |
| 2000 | 140 |
| 2500 | 160 |
| 3200 | 180 |
| 4000 | 210 |
| 5000 | 240 |

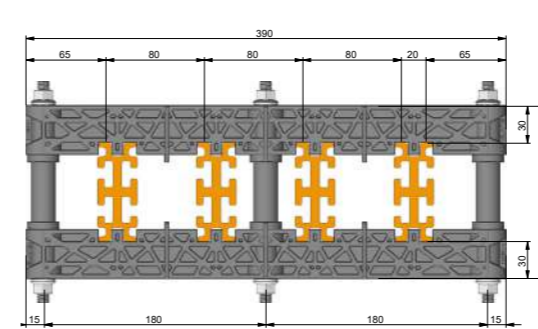


mounting distance 140 mm

| In (A) | H |
|--------------|-----|
| 630/800/1000 | 110 |
| 1250 | 120 |
| 1600 | 140 |
| 2000 | 160 |
| 2500 | 180 |
| 3200 | 210 |
| 4000 | 240 |
| 5000 | 240 |

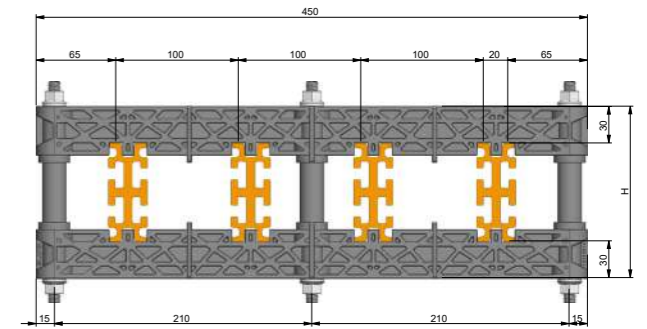
4-pole busbar holders

Different configurations for applications **from 630 A up to 6300 A**.



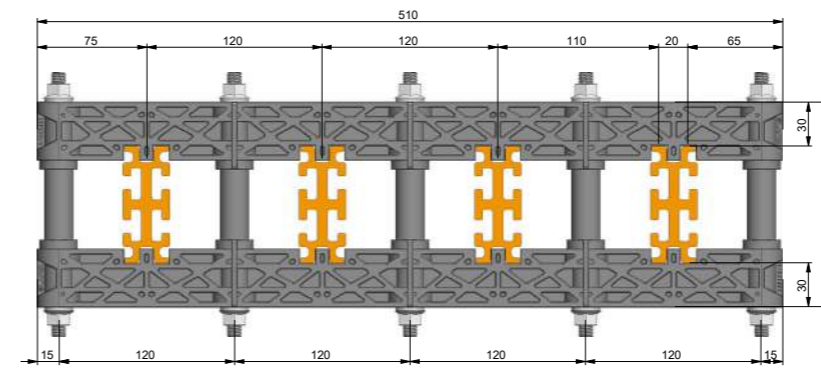
mounting distance 80 mm

| In (A) | H |
|------------------------|-----|
| 800 - 1000/1250 - 1600 | 110 |



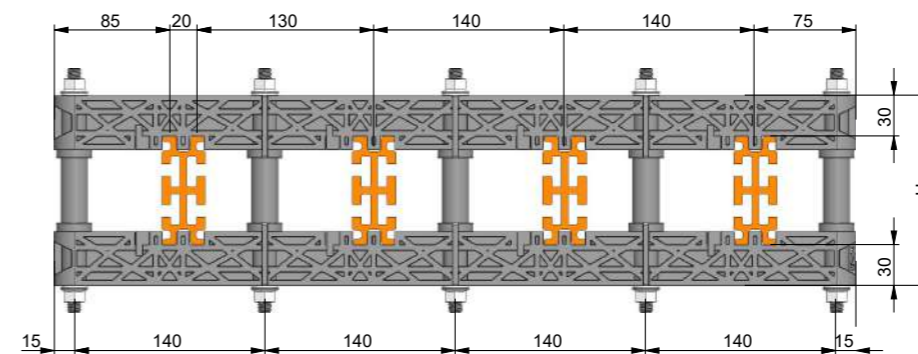
mounting distance 100 mm

| In (A) | H |
|----------------------------|-----|
| 630/800 - 1000/1250 - 1600 | 110 |
| 2000 | 140 |
| 2500 | 160 |
| 3200 | 180 |



mounting distance 120 mm

| In (A) | H |
|--------------------------|-----|
| 800 - 1000 / 1250 - 1600 | 110 |
| 2000 | 140 |
| 2500 | 160 |
| 3200 | 180 |
| 4000 | 210 |
| 5000 | 240 |

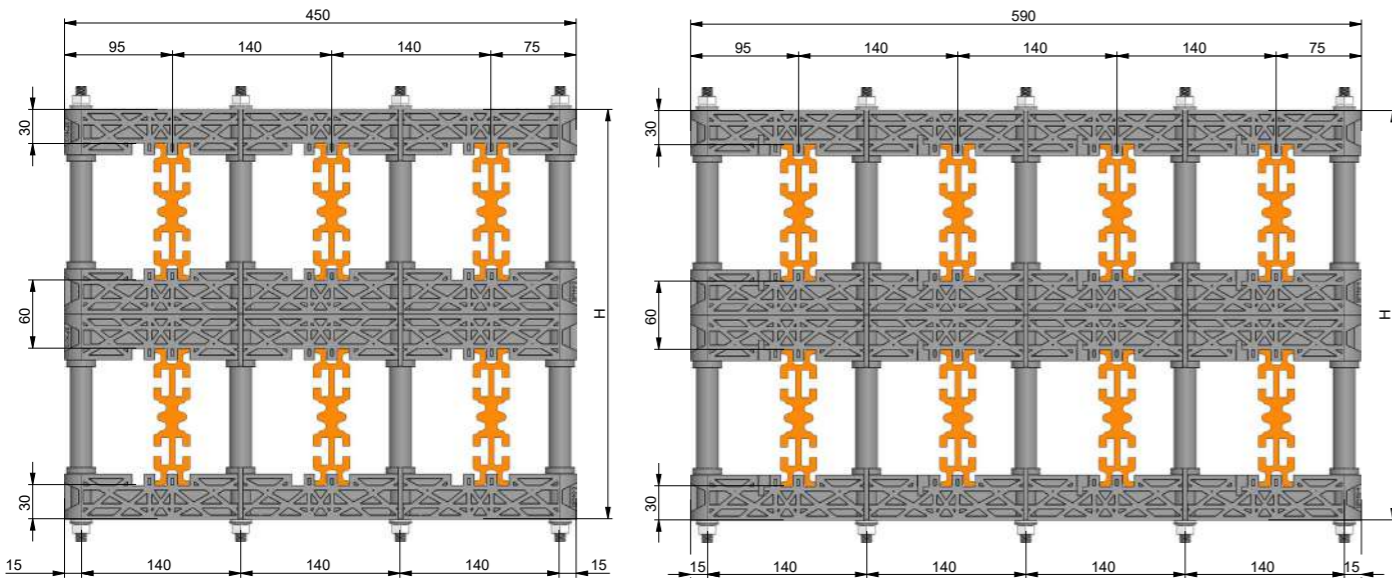


mounting distance 140 mm

| In (A) | H |
|--------------------------|-----|
| 800 - 1000 / 1250 - 1600 | 110 |
| 2000 | 140 |
| 2500 | 160 |
| 3200 | 180 |
| 4000 | 210 |
| 5000 | 240 |

Double-line busbar holders

Different configurations for applications **6300 A**.



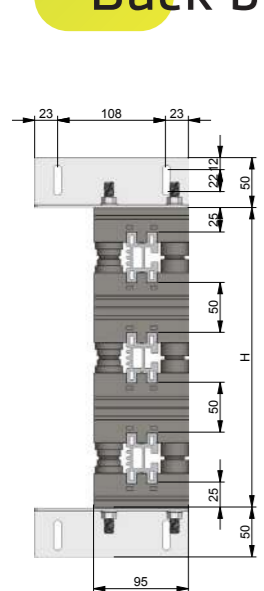
mounting distance 140 mm

| In (A) | H |
|--------|-----|
| 6300 | 360 |

mounting distance 140 mm

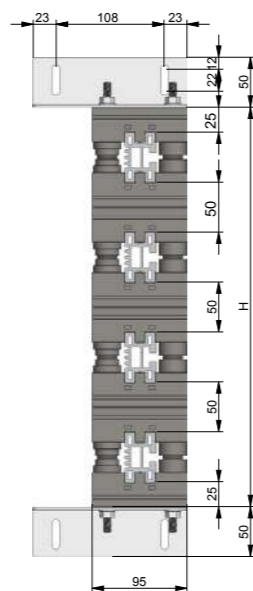
| In (A) | H |
|--------|-----|
| 6300 | 360 |

Back busbar holder



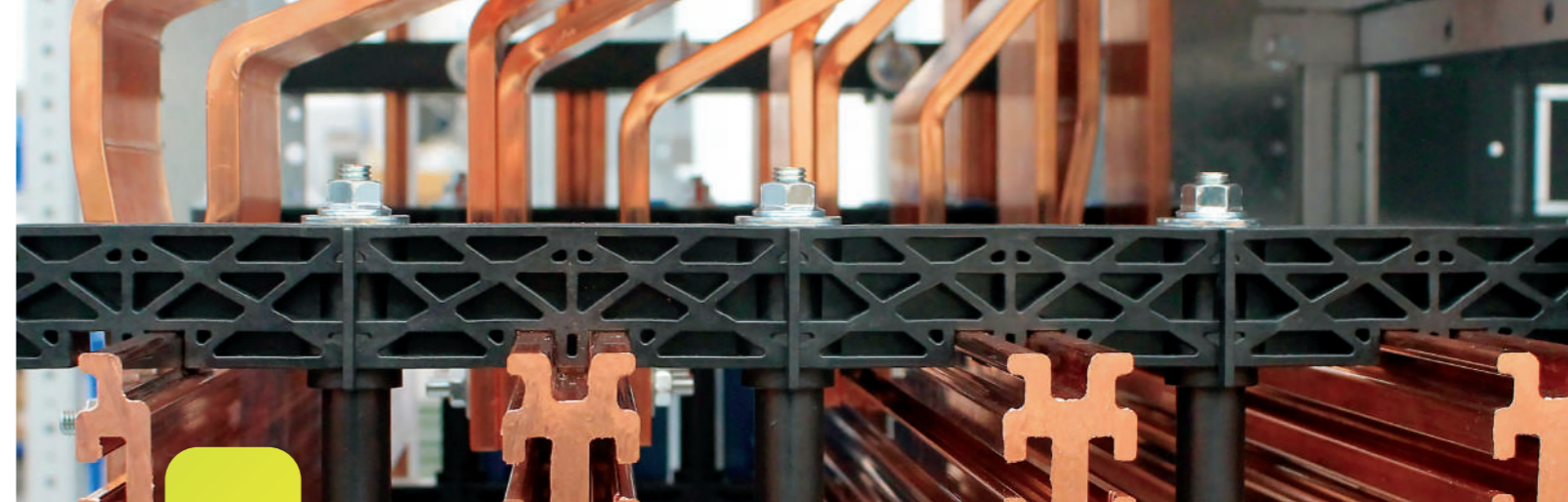
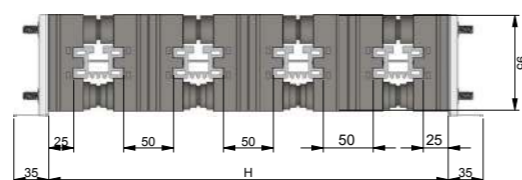
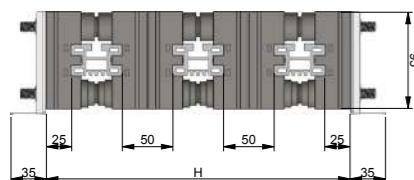
3-pole busbar holder
Vertical/ horizontal
for applications
from 800 A up to 4000 A

| In (A) | H |
|-----------|-----|
| 630/800 | 300 |
| 1000/1250 | 330 |
| 1600 | 390 |
| 2000 | 450 |
| 2500 | 510 |
| 3200 | 600 |
| 4000 | 690 |

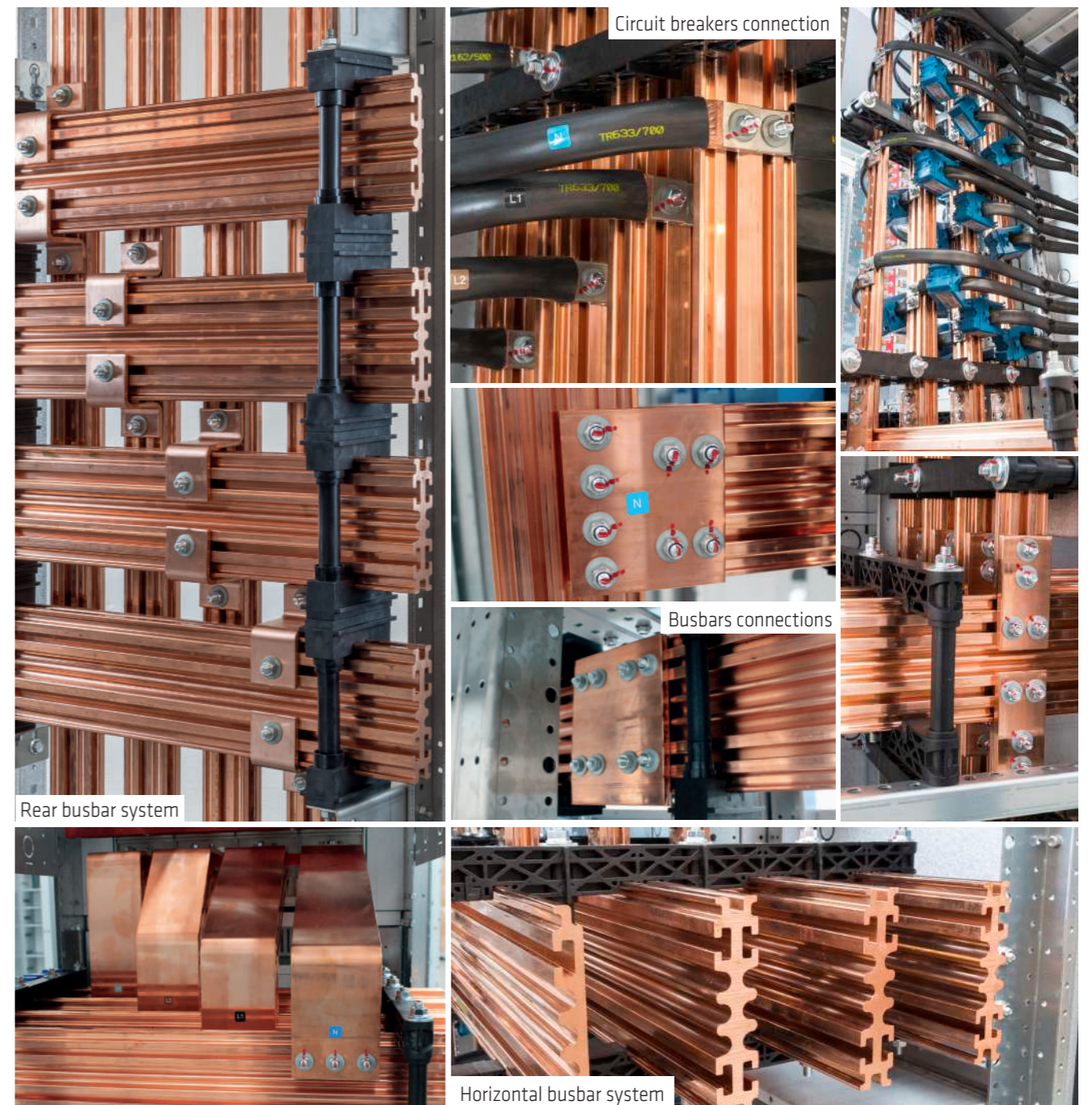


4-pole busbar holder
Vertical/ horizontal
for applications
from 800 A up to 4000 A

| In (A) | H |
|-----------|-----|
| 630/800 | 400 |
| 1000/1250 | 440 |
| 1600 | 520 |
| 2000 | 600 |
| 2500 | 680 |
| 3200 | 800 |
| 4000 | 920 |



SMART ENERGY copper
Busbar system installation





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