



Electrical data

Ratings per IEC/EN

| | |
|-------------------------|-------|
| Nominal voltage (III/3) | 800 V |
| Rated current | 25 A |

Ex information

| | |
|-------------------------|------|
| Rated current (Ex e II) | 20 A |
|-------------------------|------|

Physical data

| | |
|-------------------|-----------------------|
| Width | 8.6 mm / 0.339 inches |
| Height | 4.1 mm / 0.161 inches |
| Depth | 19 mm / 0.748 inches |
| Jumper assignment | 1-2 |

Material data

| | |
|----------------------|--|
| Note (material data) | Information on material data can be found here |
| Color | light gray |
| Fire load | 0.007 MJ |
| Weight | 1 g |

Commercial data

| | |
|-------------------------------------|---------------|
| Product Group | 22 (TOPJOB S) |
| eCl@ss 10.0 | 27-14-11-40 |
| eCl@ss 9.0 | 27-14-11-40 |
| ETIM 8.0 | EC000489 |
| ETIM 7.0 | EC000489 |
| PU (SPU) | 25 Stück |
| Packaging type | Bag |
| Country of origin VKOrg Germany | DE |
| GTIN | 4055143687171 |
| Customs tariff number VKOrg Germany | 85366990990 |

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CAD/CAE-Data

CAD data

2D/3D Models
2002-402



CAE data

EPLAN Data Portal
2002-402



WSCAD Universe
2002-402

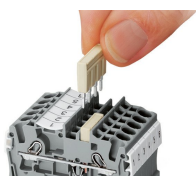


ZUKEN Portal
2002-402

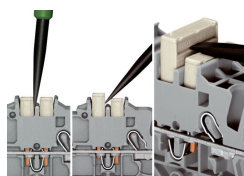


Installation notes

Commoning



Insert push-in type jumper bar and push down until it hits backstop.

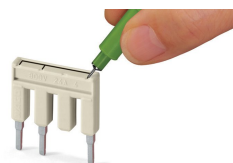


Removing a push-in type jumper bar: Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper. Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

Commoning

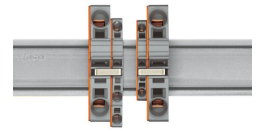
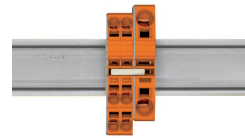
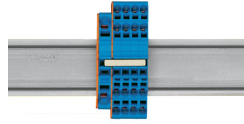
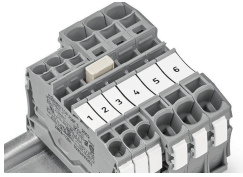


Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).



Marking with a felt-tip pen.

Commoning



Stepping down via push-in type jumper bar.

Stepping down via push-in type jumper bar:
Commoning via closed terminal side with end plate allows jumpering over two cross-section sizes, e.g., from 16 mm² (6 AWG) to 6 mm² (10 AWG) or from 6 mm² (10 AWG) to 2.5 mm² (14 AWG) (see illustration above).

Stepping down via push-in type jumper bar:
Commoning via open terminal side with end plate allows jumpering over two cross-section sizes for 16 mm² (6 AWG) and 10 mm² (8 AWG) and one cross-section size for 6/4/2.5 mm² (10/12/14 AWG). An example: from 16 mm² (6 AWG) to 6 mm² (10 AWG) (see illustration above) or from 10 mm² (8 AWG) to 4 mm² (12 AWG).

Note:
The total current of the outgoing circuits must not exceed the nominal current of the step-down jumper/push-in type jumper bar.



Electrical data

Ratings per IEC/EN

| | |
|-------------------------|-------|
| Nominal voltage (III/3) | 800 V |
| Rated current | 76 A |

Ex information

| | |
|-------------------------|------|
| Rated current (Ex e II) | 65 A |
|-------------------------|------|

Physical data

| | |
|-------------------|------------------------|
| Width | 21.4 mm / 0.843 inches |
| Height | 4.1 mm / 0.161 inches |
| Depth | 23 mm / 0.906 inches |
| Jumper assignment | 1-2 |

Material data

| | |
|-----------------------------|--|
| Note (material data) | Information on material data can be found here |
| Color | light gray |
| Flammability class per UL94 | V0 |
| Fire load | 0.019 MJ |
| Weight | 4.9 g |

Commercial data

| | |
|-------------------------------------|---------------|
| Product Group | 22 (TOPJOB S) |
| eCl@ss 10.0 | 27-14-11-40 |
| eCl@ss 9.0 | 27-14-11-40 |
| ETIM 8.0 | EC000489 |
| ETIM 7.0 | EC000489 |
| PU (SPU) | 25 Stück |
| Packaging type | Bag |
| Country of origin VKOrg Germany | DE |
| GTIN | 4055143702072 |
| Customs tariff number VKOrg Germany | 85366990990 |

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CAD/CAE-Data

CAD data

2D/3D Models
2016-402



CAE data

EPLAN Data Portal
2016-402



WSCAD Universe
2016-402

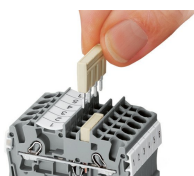


ZUKEN Portal
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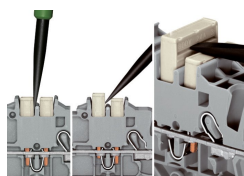


Installation notes

Commoning



Insert push-in type jumper bar and push down until it hits backstop.

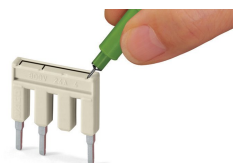


Removing a push-in type jumper bar: Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper. Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

Commoning

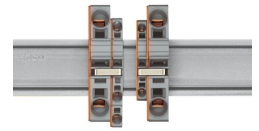
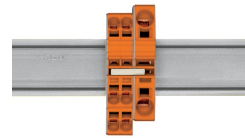
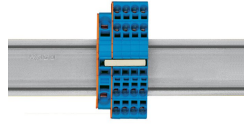
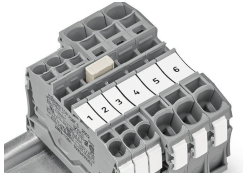


Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).



Marking with a felt-tip pen.

Commoning



Stepping down via push-in type jumper bar.

Stepping down via push-in type jumper bar:
Commoning via closed terminal side with end plate allows jumpering over two cross-section sizes, e.g., from 16 mm² (6 AWG) to 6 mm² (10 AWG) or from 6 mm² (10 AWG) to 2.5 mm² (14 AWG) (see illustration above).

Stepping down via push-in type jumper bar:
Commoning via open terminal side with end plate allows jumpering over two cross-section sizes for 16 mm² (6 AWG) and 10 mm² (8 AWG) and one cross-section size for 6/4/2.5 mm² (10/12/14 AWG). An example: from 16 mm² (6 AWG) to 6 mm² (10 AWG) (see illustration above) or from 10 mm² (8 AWG) to 4 mm² (12 AWG).

Note:
The total current of the outgoing circuits must not exceed the nominal current of the step-down jumper/push-in type jumper bar.



Electrical data

Ratings per IEC/EN

| | |
|-------------------------|-------|
| Nominal voltage (III/3) | 800 V |
| Rated current | 41 A |

Ex information

| | |
|-------------------------|------|
| Rated current (Ex e II) | 33 A |
|-------------------------|------|

Physical data

| | |
|-------------------|-----------------------|
| Width | 12.7 mm / 0.5 inches |
| Height | 4.1 mm / 0.161 inches |
| Depth | 19 mm / 0.748 inches |
| Jumper assignment | 1-2 |

Material data

| | |
|-----------------------------|--|
| Note (material data) | Information on material data can be found here |
| Color | light gray |
| Flammability class per UL94 | V0 |
| Fire load | 0.008 MJ |
| Weight | 2 g |

Commercial data

| | |
|-------------------------------------|---------------|
| Product Group | 22 (TOPJOB S) |
| eCl@ss 10.0 | 27-14-11-40 |
| eCl@ss 9.0 | 27-14-11-40 |
| ETIM 8.0 | EC000489 |
| ETIM 7.0 | EC000489 |
| PU (SPU) | 25 Stück |
| Packaging type | Bag |
| Country of origin VKOrg Germany | DE |
| GTIN | 4055143701358 |
| Customs tariff number VKOrg Germany | 85366990990 |

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CAD/CAE-Data

CAD data

2D/3D Models
2006-402



CAE data

EPLAN Data Portal
2006-402



WSCAD Universe
2006-402

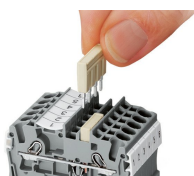


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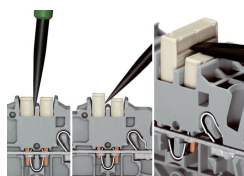


Installation notes

Commoning



Insert push-in type jumper bar and push down until it hits backstop.

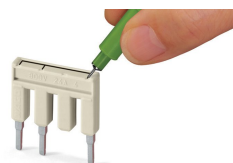


Removing a push-in type jumper bar: Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper. Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

Commoning

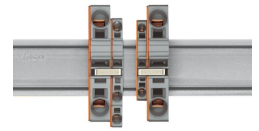
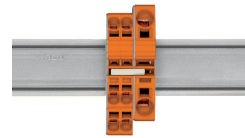
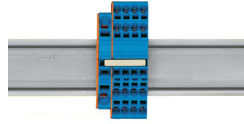
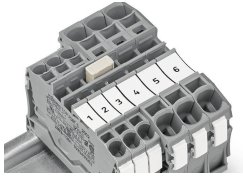


Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).



Marking with a felt-tip pen.

Commoning

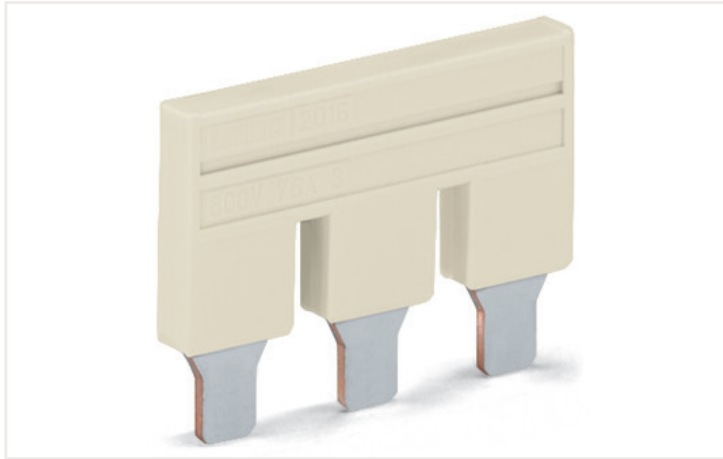


Stepping down via push-in type jumper bar.

Stepping down via push-in type jumper bar:
Commoning via closed terminal side with end plate allows jumpering over two cross-section sizes, e.g., from 16 mm² (6 AWG) to 6 mm² (10 AWG) or from 6 mm² (10 AWG) to 2.5 mm² (14 AWG) (see illustration above).

Stepping down via push-in type jumper bar:
Commoning via open terminal side with end plate allows jumpering over two cross-section sizes for 16 mm² (6 AWG) and 10 mm² (8 AWG) and one cross-section size for 6/4/2.5 mm² (10/12/14 AWG). An example: from 16 mm² (6 AWG) to 6 mm² (10 AWG) (see illustration above) or from 10 mm² (8 AWG) to 4 mm² (12 AWG).

Note:
The total current of the outgoing circuits must not exceed the nominal current of the step-down jumper/push-in type jumper bar.



Electrical data

Ratings per IEC/EN

| | |
|-------------------------|-------|
| Nominal voltage (III/3) | 800 V |
| Rated current | 57 A |

Ex information

| | |
|-------------------------|------|
| Rated current (Ex e II) | 50 A |
|-------------------------|------|

Physical data

| | |
|-------------------|------------------------|
| Width | 17.5 mm / 0.689 inches |
| Height | 4.1 mm / 0.161 inches |
| Depth | 23 mm / 0.906 inches |
| Jumper assignment | 1-2 |

Material data

| | |
|----------------------|--|
| Note (material data) | Information on material data can be found here |
| Color | light gray |
| Fire load | 0.016 MJ |
| Weight | 3.9 g |

Commercial data

| | |
|-------------------------------------|---------------|
| Product Group | 22 (TOPJOB S) |
| eCl@ss 10.0 | 27-14-11-40 |
| eCl@ss 9.0 | 27-14-11-40 |
| ETIM 8.0 | EC000489 |
| ETIM 7.0 | EC000489 |
| PU (SPU) | 25 Stück |
| Packaging type | Bag |
| Country of origin VKOrg Germany | DE |
| GTIN | 4055143701938 |
| Customs tariff number VKOrg Germany | 85366990990 |

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CAD data

2D/3D Models
2010-402



CAE data

EPLAN Data Portal
2010-402



WSCAD Universe
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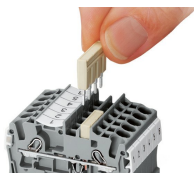


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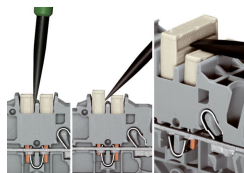


Installation notes

Commoning



Insert push-in type jumper bar and push down until it hits backstop.

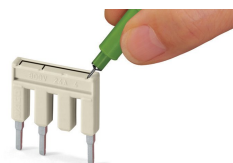


Removing a push-in type jumper bar: Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper. Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

Commoning

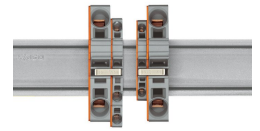
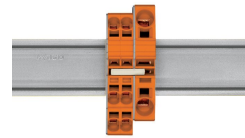
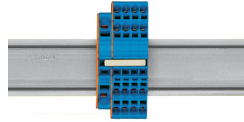
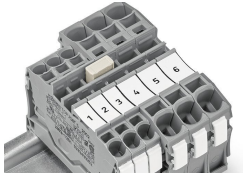


Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).



Marking with a felt-tip pen.

Commoning



Stepping down via push-in type jumper bar.

Stepping down via push-in type jumper bar:
Commoning via closed terminal side with end plate allows jumpering over two cross-section sizes, e.g., from 16 mm² (6 AWG) to 6 mm² (10 AWG) or from 6 mm² (10 AWG) to 2.5 mm² (14 AWG) (see illustration above).

Stepping down via push-in type jumper bar:
Commoning via open terminal side with end plate allows jumpering over two cross-section sizes for 16 mm² (6 AWG) and 10 mm² (8 AWG) and one cross-section size for 6/4/2.5 mm² (10/12/14 AWG). An example: from 16 mm² (6 AWG) to 6 mm² (10 AWG) (see illustration above) or from 10 mm² (8 AWG) to 4 mm² (12 AWG).

Note:
The total current of the outgoing circuits must not exceed the nominal current of the step-down jumper/push-in type jumper bar.



Electrical data

Ratings per IEC/EN

| | |
|-------------------------|-------|
| Nominal voltage (III/3) | 800 V |
| Rated current | 32 A |

Ex information

| | |
|-------------------------|------|
| Rated current (Ex e II) | 30 A |
|-------------------------|------|

Physical data

| | |
|-------------------|------------------------|
| Width | 10.3 mm / 0.406 inches |
| Height | 4.1 mm / 0.161 inches |
| Depth | 19 mm / 0.748 inches |
| Jumper assignment | 1-2 |

Material data

| | |
|-----------------------------|--|
| Note (material data) | Information on material data can be found here |
| Color | light gray |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.007 MJ |
| Weight | 1.5 g |

Environmental requirements

| | |
|----------------------------------|-----------------|
| Processing temperature | -35 ... +85 °C |
| Continuous operating temperature | -60 ... +105 °C |

| Commercial data | |
|-------------------------------------|---------------|
| Product Group | 22 (TOPJOB S) |
| eCl@ss 10.0 | 27-14-11-40 |
| eCl@ss 9.0 | 27-14-11-40 |
| ETIM 8.0 | EC000489 |
| ETIM 7.0 | EC000489 |
| PU (SPU) | 25 Stück |
| Packaging type | Bag |
| Country of origin VKOrg Germany | DE |
| GTIN | 4055143700153 |
| Customs tariff number VKOrg Germany | 85366990990 |

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| 2004-402 | 28.04.2017 | doc 23.50 KB | ↓ |

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|--------------------------|-------------------|
| 2D/3D Models 2004-402 | ↓ |

| CAE data | |
|-------------------------------|-------------------|
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| WSCAD Universe 2004-402 | ↓ |
| ZUKEN Portal 2004-402 | ↓ |

Installation notes

Commoning



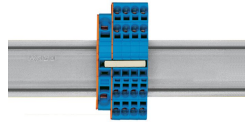
Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).

Marking with a felt-tip pen.

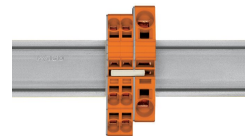
Commoning



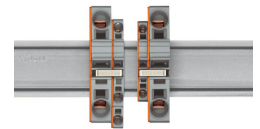
Stepping down via push-in type jumper bar.



Stepping down via push-in type jumper bar:
Commoning via closed terminal side with end plate allows jumpering over two cross-section sizes, e.g., from 16 mm² (6 AWG) to 6 mm² (10 AWG) or from 6 mm² (10 AWG) to 2.5 mm² (14 AWG) (see illustration above).



Stepping down via push-in type jumper bar:
Commoning via open terminal side with end plate allows jumpering over two cross-section sizes for 16 mm² (6 AWG) and 10 mm² (8 AWG) and one cross-section size for 6/4/2.5 mm² (10/12/14 AWG). An example: from 16 mm² (6 AWG) to 6 mm² (10 AWG) (see illustration above) or from 10 mm² (8 AWG) to 4 mm² (12 AWG).



Note:
The total current of the outgoing circuits must not exceed the nominal current of the step-down jumper/push-in type jumper bar.