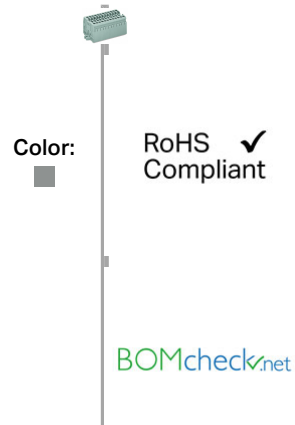


Data sheet | Item number: 869-112

Terminal strip; 12-pole; without push-buttons; with fixing flanges M3; for screw or similar mounting types; Fixing hole 3.2 mm Ø; 2.5 mm²; CAGE CLAMP®



869-112



Item description

Safety information 1:

Max. insulation diameter: 4.4mm

Data

Electrical data

Ratings per IEC/EN 60664-1

| | |
|---------------------------------|-------|
| Rated voltage (III / 3) | 500 V |
| Rated impulse voltage (III / 3) | 6 kV |
| Rated current | 24 A |

Connection data

| | |
|-----------------------------------|--|
| Connection technology | CAGE CLAMP® |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Solid conductor | 0.08 ... 2.5 mm ² / 28 ... 12 AWG |
| Fine-stranded conductor | 0.08 ... 4 mm ² / 28 ... 12 AWG |
| Strip length | 6 ... 7 mm / 0.24 ... 0.28 inch |
| No. of poles | 12 |
| Total number of connection points | 24 |
| Total number of potentials | 12 |
| Number of levels | 1 |
| Type of wiring | Front-entry wiring |

Geometrical Data

| | |
|-------------------------|----------------------|
| Width | 74.5 mm / 2.933 inch |
| Height from the surface | 27.6 mm / 1.087 inch |
| Depth | 33.4 mm / 1.315 inch |
| Module width | 5 mm / 0.197 inch |

Mechanical data

| | |
|---------------|-----------------|
| Design | horizontal |
| Mounting type | Mounting flange |
| Marking level | Side marking |

Material Data



| | |
|-----------|----------|
| Color | gray |
| Fire load | 0.918 MJ |
| Weight | 51.3 g |

Commercial data


| | |
|--------------------|---------------|
| Country of origin | DE |
| GTIN | 4044918480772 |
| Customs Tariff No. | 85369010000 |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|---------------------------------|--------------------------|-------------------|
|  | CCA DEKRA Certification B.V. | EN 60947 | 2143311.02 |
|  | CCA DEKRA Certification B.V. | EN 60947 | NTR NL 6827/A1 |

Ship Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|------------------------------------|--------------------------|--------------------------|
|  | ABS American Bureau of Shipping | EN 60947 | 14- HG1293677- PDA |




DNV GL
Det Norske Veritas, Germanischer Lloyd

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TAE00001V2

UL-Approvals






| Logo | Approval | Additional Approval Text | Certificate name |
|--|-------------------------------------|--------------------------|------------------|
|  | UL UL International Germany GmbH | UL 1059 | Sec. 34 |
















Compatible products

















Insulation stop















| | | |
|--|--|---------|
|  | Item no.: 280-470 Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 5 pieces/strip | 280-470 |
|  | Item no.: 280-471 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip | 280-471 |
|  | Item no.: 280-472 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip | 280-472 |















Marking accessories














| | | |
|--|---|----------------------|
|  | Item no.: 2009-115 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 |
|  | Item no.: 2009-115/000-002 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 /000-002 |
|  | Item no.: 2009-115/000-006 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 /000-006 |
|  | Item no.: 2009-115/000-007 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 /000-007 |
|  | Item no.: 2009-115/000-012 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115 /000-012 |

| | | | |
|--|---|----------|----------|
|  | Item no.: 2009-115/000-017 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-017 | 2009-115 |
|  | Item no.: 2009-115/000-023 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-023 | 2009-115 |
|  | Item no.: 2009-115/000-024 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-024 | 2009-115 |
|  | Item no.: 2009-145 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | | 2009-145 |
|  | Item no.: 2009-145/000-002 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-002 | 2009-145 |
|  | Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-005 | 2009-145 |
|  | Item no.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-006 | 2009-145 |
|  | Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-007 | 2009-145 |
|  | Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-012 | 2009-145 |
|  | Item no.: 2009-145/000-023 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-023 | 2009-145 |
|  | Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | /000-024 | 2009-145 |
|  | Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card | | 248-501 |
|  | Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-002 | 248-501 |
|  | Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-005 | 248-501 |
|  | Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | /000-006 | 248-501 |

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|  | Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | 248-501 /000-007 |
|  | Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | 248-501 /000-012 |
|  | Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | 248-501 /000-017 |
|  | Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | 248-501 /000-023 |
|  | Item no.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type | 248-501 /000-024 |
|  | Item no.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type | 709-177 |
|  | Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type | 709-178 |
|  | Item no.: 709-196 Marking strips; for laser printer | 709-196 |
|  | Item no.: 709-198 Marking strips | 709-198 |
|  | Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 |
|  | Item no.: 793-501/000-002 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-002 |
|  | Item no.: 793-501/000-005 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-005 |
|  | Item no.: 793-501/000-006 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-006 |
|  | Item no.: 793-501/000-007 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-007 |
|  | Item no.: 793-501/000-012 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-012 |
|  | Item no.: 793-501/000-017 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-017 |

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|--|---|----------------------|
|  | Item no.: 793-501/000-023 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-023 |
|  | Item no.: 793-501/000-024 WMB marking card; as card; not stretchable; plain; snap-on type | 793-501 /000-024 |
|  | Item no.: 793-5501 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 |
|  | Item no.: 793-5501/000-002 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-002 |
|  | Item no.: 793-5501/000-005 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-005 |
|  | Item no.: 793-5501/000-006 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-006 |
|  | Item no.: 793-5501/000-007 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-007 |
|  | Item no.: 793-5501/000-012 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-012 |
|  | Item no.: 793-5501/000-017 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-017 |
|  | Item no.: 793-5501/000-023 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-023 |
|  | Item no.: 793-5501/000-024 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type | 793-5501 /000-024 |
| Jumper | | |
|  | Item no.: 870-402 Push-in type jumper bar; insulated; 2-way; Nominal current 18 A | 870-402 |
|  | Item no.: 870-403 Push-in type jumper bar; insulated; 3-way; Nominal current 18 A | 870-403 |
| | Item no.: 870-404 Push-in type jumper bar; insulated; 4-way; Nominal current 18 A | 870-404 |
|  | Item no.: 870-405 Push-in type jumper bar; insulated; 5-way; Nominal current 18 A | 870-405 |
| | Item no.: 870-405/011-000 Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A | 870-405 /011-000 |

| | | |
|--|--|---------------------|
|  | Item no.: 870-406 Push-in type jumper bar; insulated; 6-way; Nominal current 18 A | 870-406 |
|  | Item no.: 870-407 Push-in type jumper bar; insulated; 7-way; Nominal current 18 A | 870-407 |
| | Item no.: 870-407/011-000 Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A | 870-407 /011-000 |
|  | Item no.: 870-408 Push-in type jumper bar; insulated; 8-way; Nominal current 18 A | 870-408 |
|  | Item no.: 870-409 Push-in type jumper bar; insulated; 9-way; Nominal current 18 A | 870-409 |
| | Item no.: 870-409/011-000 Ready-made push-in type jumper bar; insulated; 3-way (1-3-5); Nominal current 18 A | 870-409 /011-000 |
| | Item no.: 870-410 Push-in type jumper bar; insulated; 10-way; Nominal current 18 A | 870-410 |
|  | Item no.: 870-433 Push-in type jumper bar; insulated; from 1 to 3; Nominal current 18 A | 870-433 |
|  | Item no.: 870-434 Push-in type jumper bar; insulated; from 1 to 4; Nominal current 18 A | 870-434 |
|  | Item no.: 870-435 Push-in type jumper bar; insulated; from 1 to 5; Nominal current 18 A | 870-435 |
| | Item no.: 870-440 Push-in type jumper bar; insulated; from 1 to 10; Nominal current 18 A | 870-440 |
| General accessories | | |
|  | Item no.: 870-182 Adaptor | 870-182 |
|  | Item no.: 870-183 Adaptor | 870-183 |
|  | Item no.: 870-184 Adaptor | 870-184 |
| ferrule | | |
|  | Item no.: 216-121 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated | 216-121 |
|  | Item no.: 216-122 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated | 216-122 |
|  | Item no.: 216-123 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated | 216-123 |
|  | Item no.: 216-124 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated | 216-124 |

| | | |
|--|--|---------|
|  | Item no.: 216-131 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated | 216-131 |
|  | Item no.: 216-132 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated | 216-132 |
|  | Item no.: 216-221 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated | 216-221 |
|  | Item no.: 216-222 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated | 216-222 |
|  | Item no.: 216-223 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated | 216-223 |
|  | Item no.: 216-224 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated | 216-224 |
| | Item no.: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated | 216-321 |
|  | Item no.: 216-322 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated | 216-322 |
| Protective Warning Marker | | |
|  | Item no.: 280-405 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks | 280-405 |
| check | | |
|  | Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable | 210-136 |
|  | Item no.: 210-137 Test plug; 2.3 mm Ø; with 500 mm cable | 210-137 |
| tools | | |
|  | Item no.: 210-657 Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short | 210-657 |
|  | Item no.: 210-658 Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short; angled | 210-658 |
|  | Item no.: 210-720 Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm | 210-720 |

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