

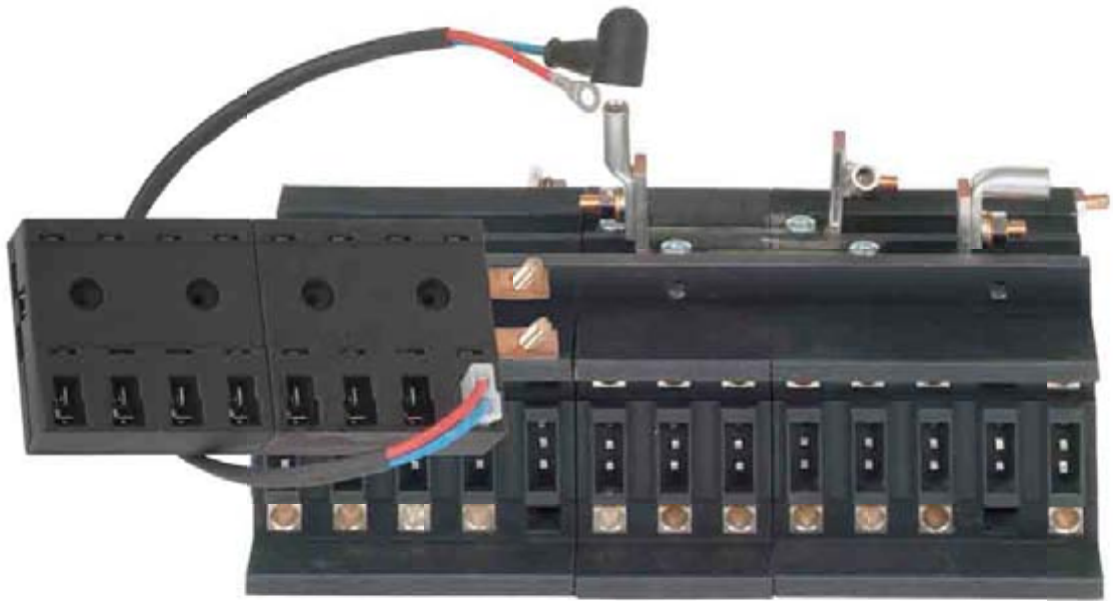
Machine Integration

| | |
|---|------------|
| Modular Bus System for Hydraulic Magnetic Circuit Breakers | 240 |
| MDBS | 242 |
| PDBM | 242 |
| General Purpose & Industrial Control Transformers | 243 |
| General Purpose Transformers | 245 |
| Industrial Control Transformers | 247 |
| Power Supplies | 249 |
| PSG Power Supply | 251 |
| PSS Power Supply | 252 |
| ELC Power Supply | 253 |
| Terminal Blocks and Accessories | 254 |
| XB Series IEC Terminal Blocks | 256 |

Machine Integration

Modular Bus System for Hydraulic Magnetic Circuit Breakers

Modular Bus System



EATON

Powering Business Worldwide

Modularly distribute high current ac and dc customizable hydraulic magnetic breaker busbar

Machine Integration

Modular Bus System for Hydraulic Magnetic Circuit Breakers

PRODUCT OVERVIEW

Modular Bus System for Hydraulic Magnetic Circuit Breakers Product Overview

| Description | | Modular Distribution Busbar System (MDBS) | Power Distribution Busbar Module (PDBM) |
|--|---|---|---|
| Page | | Page 242 | Page 242 |
| Voltage | Type V dc V ac | ac or dc to 110V dc Nominal (77 – 137.5V dc) to 380V ac Nominal (342 – 424V ac); 50/60 Hz | dc to 72V dc Nominal (55 – 90V dc) — |
| Busbars Busbar Rating | | 4 Busbars 300 Ampere Output | 1, Additional Negative Return Busbar Possible 100A Total Output (up to 30A per breaker) |
| Mounting | | Front Panel | Front or Rear Panel |
| Breaker Specifications | Type Series Ratings Terminals Number of Breakers Auxiliary Contact Dual Control | Hydraulic-Magnetic AMR, AM1P (3-pole AMR in parallel) to 100A (1-pole), 300A (3-pole) Plug-In Bullet Terminals 3 and 5 Breaker Modules (any combination) Via Individual Connections via Trim Trio Connector Available | Hydraulic-Magnetic J Series to 30A Fast-on Maximum 12 Positions (using 4-position modules) Individual Signals via SMS, SUBD, or DT Connectors Available |
| Dimensions Module Only [H x W x D — inches (mm)] | 3-Breaker 4-Breaker 5-Breaker | 3.31 x 2.25 x 4.095 (84 x 57.15 x 104) — 3.31 x 3.74 x 4.095 (84 x 95 x 104) | — 3.94 x 3.00 x 1.10 (100 x 76 x 28) — |
| Dimensions (including mounting blade, busbar, auxiliary switch) [H x W x D — inches (mm)] | 3-Breaker 4-Breaker 5-Breaker | 4.53 x 2.25 x 5.52 (115 x 57.15 x 140) — 4.53 x 3.74 x 5.52 (84 x 95 x 104) | — 3.94 x 3.00 x 1.46 (100 x 76 x 37) — |
| Weight (without busbars) | 3-Breaker 4-Breaker ① 5-Breaker | 200 g (7 oz.) — 300 g (10.6 oz.) | — 160 g (5.65 oz.) — |

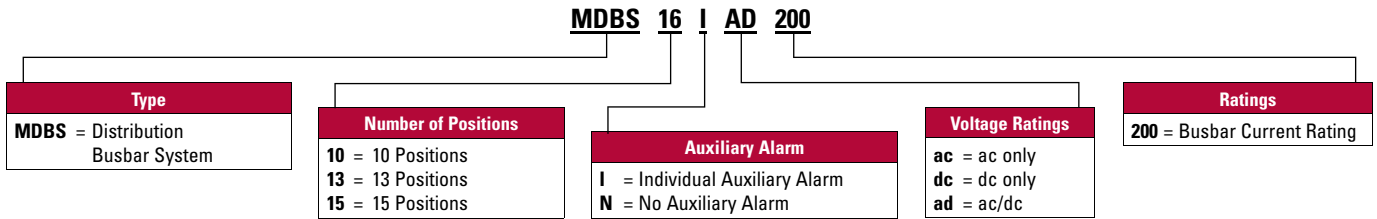
① With busbars.

Machine Integration

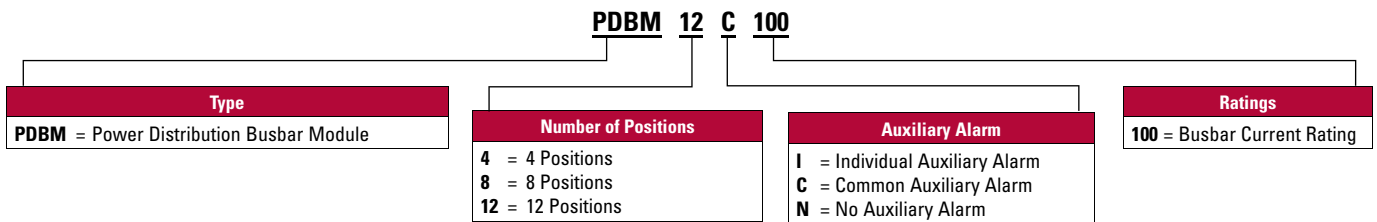
Modular Bus System for Hydraulic Magnetic Circuit Breakers

CATALOG SELECTION / PRODUCT SELECTION

Modular Bus System for Hydraulic Magnetic Circuit Breakers — MDBS Model — Catalog Numbering System

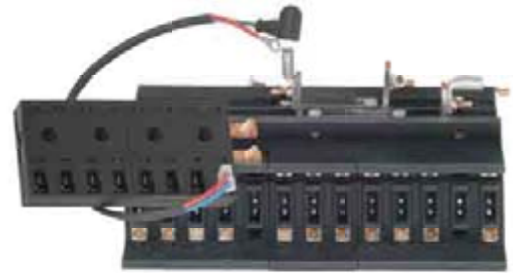


Modular Bus System for Hydraulic Magnetic Circuit Breakers — PDBM Model — Catalog Numbering System



Modular Bus System for Hydraulic Magnetic Circuit Breakers

- Compact power distribution bus system design
- Number, type (ac vs. dc), and location of loads can be easily changed by adjusting the busbar components
- Saves installation time
- Available with or without individual alarm auxiliary switches
- Utilizes pluggable breakers for quick connection and ability to disconnect



Modular Distribution Busbar System

| Number of Breaker Positions (Poles) | Individual Auxiliary Alarm | Voltage | Catalog Number |
|-------------------------------------|----------------------------|-----------|-------------------------|
| 10 | Yes | ac and dc | MDBS-10-I-AD-200 |
| 13 | Yes | ac and dc | MDBS-13-I-AD-200 |
| 15 | Yes | ac and dc | MDBS-15-I-AD-200 |
| 10 | No | ac only | MDBS-10-N-AC-200 |
| 13 | No | ac only | MDBS-13-N-AC-200 |
| 15 | No | ac only | MDBS-15-N-AC-200 |

Note: These are typical catalog numbers that could be built using the modular system. Products are built to order according to specifications and can be provided with any number of positions.

Power Distribution Bus Module

| Number of Breaker Positions (Poles) | Auxiliary Alarm | Busbar Current Rating | Catalog Number |
|-------------------------------------|--------------------|-----------------------|----------------------|
| 4 | Common | 100A | PDBM-4-C-100 |
| 8 | Common | 100A | PDBM-8-C-100 |
| 12 | Common | 100A | PDBM-12-C-100 |
| 4 | Individual | 100A | PDBM-4-I-100 |
| 8 | Individual | 100A | PDBM-8-I-100 |
| 12 | Individual | 100A | PDBM-12-I-100 |
| 4 | No Auxiliary Alarm | 100A | PDBM-4-N-100 |
| 8 | No Auxiliary Alarm | 100A | PDBM-8-N-100 |
| 12 | No Auxiliary Alarm | 100A | PDBM-12-N-100 |

Key Panel Components



Powering Business Worldwide

Monitor and measure your panel's performance with general-purpose and industrial control transformers

Machine Integration

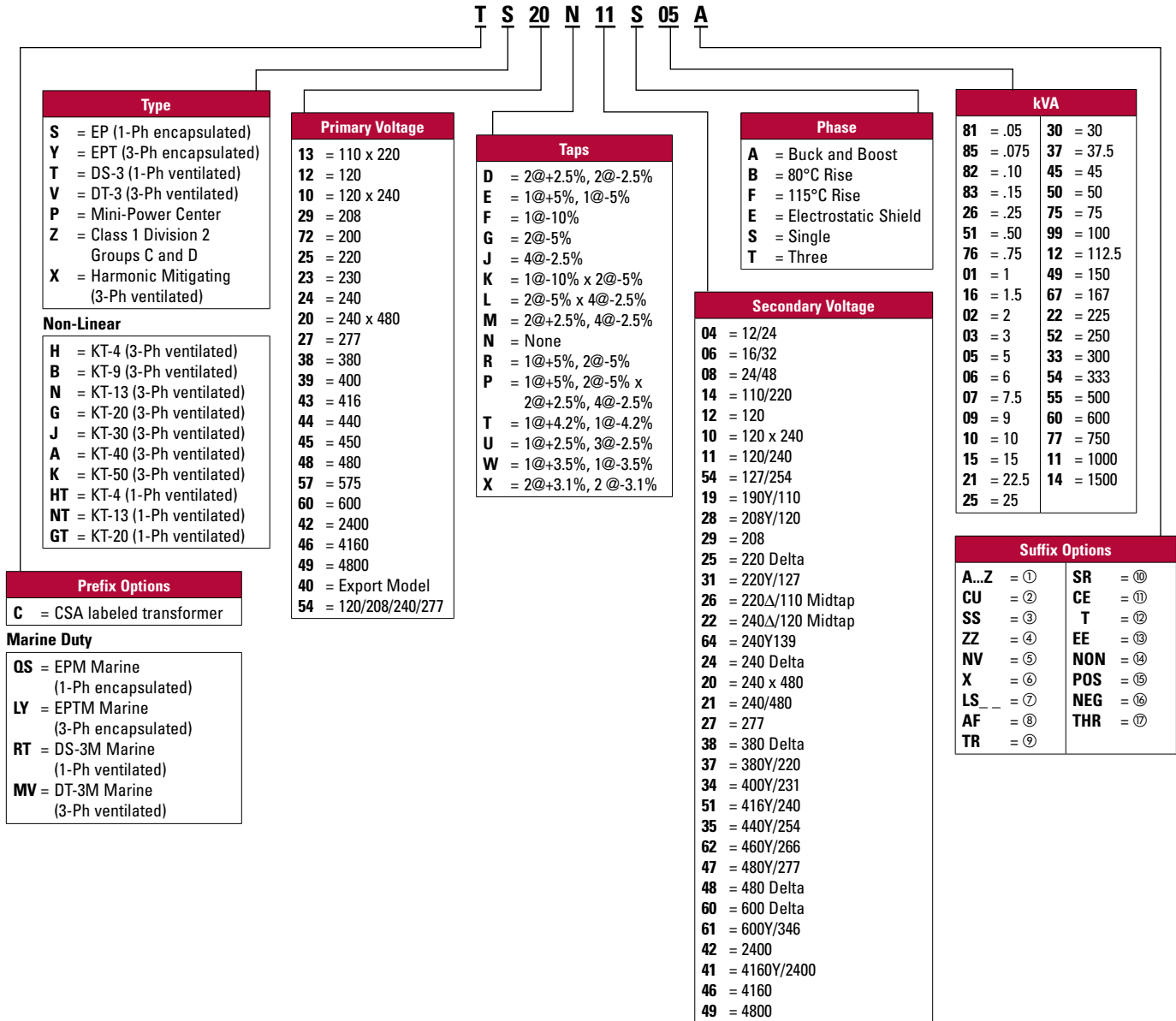
General Purpose & Industrial Control Transformers

PRODUCT OVERVIEW

General Purpose & Industrial Control Transformers Product Overview

| Description | General Purpose Encapsulated Transformers | Industrial Control Transformers |
|--------------------------------|---|--|
| Page | Page 245 | Page 247 |
| General Applications | Typically used to step-down voltage from a high voltage to a lower, safer voltage. Commonly installed in or on other electrical equipment, such as machinery, switchboards, and motor control centers. Also installed as loose equipment. | Typically used to step-down voltage to a level suitable to operate a variety of electrically controlled devices. Must be installed inside an enclosure, panel, or other structure to provide protection from the surroundings. |
| Maximum Primary Voltage Rating | 600V ac | 600V ac |
| Frequency | 60 Hz Standard (50/60 Hz optional) | 50/60 Hz |
| Enclosure Rating | Type 3R Raintight | Open |
| Insulation System | 180°C (356°F) | 105°C (221°F) / 130°C (266°F) / 180°C (356°F) |
| Temperature Rise | 115°C (239°F) Standard 80°C (176°F) Optional | 55°C (131°F) / 80°C (176°F) / 120°C (248°F) |
| Approvals | UL 506, UL 1561, CSA C22.2 | UL 506, CSA C22.2 |
| Ratings | 50 VA – 37.5 kVA 1-Phase 3 kVA – 75 kVA 3-Phase | 50 to 5,000 VA |

General Purpose Transformers — Catalog Numbering System



- ① Model number is not used on newly designed/redesigned transformers.
- ② Copper windings.
- ③ Stainless steel enclosure (utilizes 316 stainless steel, does not imply a NEMA 4X rating).
- ④ Open type core and coil assembly.
- ⑤ Totally enclosed non-ventilated DS-3 or DT-3.
- ⑥ 50/60 Hz.
- ⑦ Low sound design. LS47 indicates low sound equal to 47 dB; LS42 indicates 42 dB.
- ⑧ Fungus proof.
- ⑨ Certified test report of standard production tests for the specific serial number to be shipped.
- ⑩ Certified sound level report.

- ⑪ CE marked.
- ⑫ Thermal indicator embedded in center coil. Suffix "TT" indicates two thermal indicators of different temperature ratings are installed.
- ⑬ NEMA TP-1/Energy Star Energy Efficient.
- ⑭ 0° phase-shift (used with HMTs).
- ⑮ +15° phase-shift (used with HMTs).
- ⑯ -15° phase-shift (used with HMTs).
- ⑰ -30° phase-shift (used with HMTs).

Machine Integration

General Purpose & Industrial Control Transformers

PRODUCT SELECTION

General Purpose Transformers

- Totally enclosed non-ventilated Type 3R enclosure
- 180°C insulation system
- Suitable for indoor or outdoor applications
- UL Listed and CSA Certified



Single-Phase Encapsulated, 240 x 480 – 120/240, 115°C Rise

| kVA | Catalog Number | Outline # | Wiring Diagram |
|-------|----------------|-----------|----------------|
| 0.05 | S20N11S81N | 52 | 3A |
| 0.075 | S20N11S85N | 53 | 3A |
| 0.1 | S20N11S82N | 54 | 3A |
| 0.15 | S20N11S83N | 55 | 3A |
| 0.25 | S20N11S26N | 56 | 3A |
| 0.5 | S20N11S51N | 57 | 3A |
| 0.75 | S20N11S76N | 58A | 3A |
| 1 | S20N11S01N | 59A | 3A |
| 1.5 | S20N11S16N | 67 | 3A |
| 2 | S20N11S02N | 68 | 3A |
| 3 | S20N11S03N | 176 | 3A |
| 5 | S20N11S05N | 177 | 3A |
| 7.5 | S20N11S07N | 178 | 3A |
| 10 | S20N11S10N | 179 | 3A |
| 15 | S20N11S15N | 180 | 3A |
| 25 | S20L11S25N | 182 | 23A |
| 37.5 | S20L11S37 | 300A | 248A |

Single-Phase Transformer Sizing Chart

| kVA | Rated Line Voltage | | | | | | | | | |
|------|--------------------|--------|--------|--------|-------|-------|-------|------|------|--|
| | 120 | 208 | 240 | 277 | 480 | 600 | 2400 | 4160 | 4800 | |
| 0.5 | 4.2 | 2.4 | 2.1 | 1.8 | 1.0 | 0.8 | 0.2 | 0.1 | 0.1 | |
| 1 | 8.3 | 4.8 | 4.2 | 3.6 | 2.1 | 1.7 | 0.4 | 0.2 | 0.2 | |
| 1.5 | 12.5 | 7.2 | 6.3 | 5.4 | 3.1 | 2.5 | 0.6 | 0.4 | 0.3 | |
| 2 | 16.7 | 9.6 | 8.3 | 7.2 | 4.2 | 3.3 | 0.8 | 0.5 | 0.4 | |
| 3 | 25.0 | 14.4 | 12.5 | 10.8 | 6.3 | 5.0 | 1.3 | 0.7 | 0.6 | |
| 5 | 41.7 | 24.0 | 20.8 | 18.1 | 10.4 | 8.3 | 2.1 | 1.2 | 1.0 | |
| 7.5 | 62.5 | 36.1 | 31.3 | 27.1 | 15.6 | 12.5 | 3.1 | 1.8 | 1.6 | |
| 10 | 83.3 | 48.1 | 41.7 | 36.1 | 20.8 | 16.7 | 4.2 | 2.4 | 2.1 | |
| 15 | 125.0 | 72.1 | 62.5 | 54.2 | 31.3 | 25.0 | 6.3 | 3.6 | 3.1 | |
| 25 | 208.3 | 120.2 | 104.2 | 90.3 | 52.1 | 41.7 | 10.4 | 6.0 | 5.2 | |
| 37.5 | 312.5 | 180.3 | 156.3 | 135.4 | 78.1 | 62.5 | 15.6 | 9.0 | 7.8 | |
| 50 | 416.7 | 240.4 | 208.3 | 180.5 | 104.2 | 83.3 | 20.8 | 12.0 | 10.4 | |
| 75 | 625.0 | 360.6 | 312.5 | 270.8 | 156.3 | 125.0 | 31.3 | 18.0 | 15.6 | |
| 100 | 833.3 | 480.8 | 416.7 | 361.0 | 208.3 | 166.7 | 41.7 | 24.0 | 20.8 | |
| 167 | 1391.7 | 802.9 | 695.8 | 602.9 | 347.9 | 278.3 | 69.6 | 40.1 | 34.8 | |
| 250 | 2083.3 | 1201.9 | 1041.7 | 902.5 | 520.8 | 416.7 | 104.2 | 60.1 | 52.1 | |
| 333 | 2775.0 | 1601.0 | 1387.5 | 1202.2 | 693.8 | 555.0 | 138.8 | 80.0 | 69.4 | |

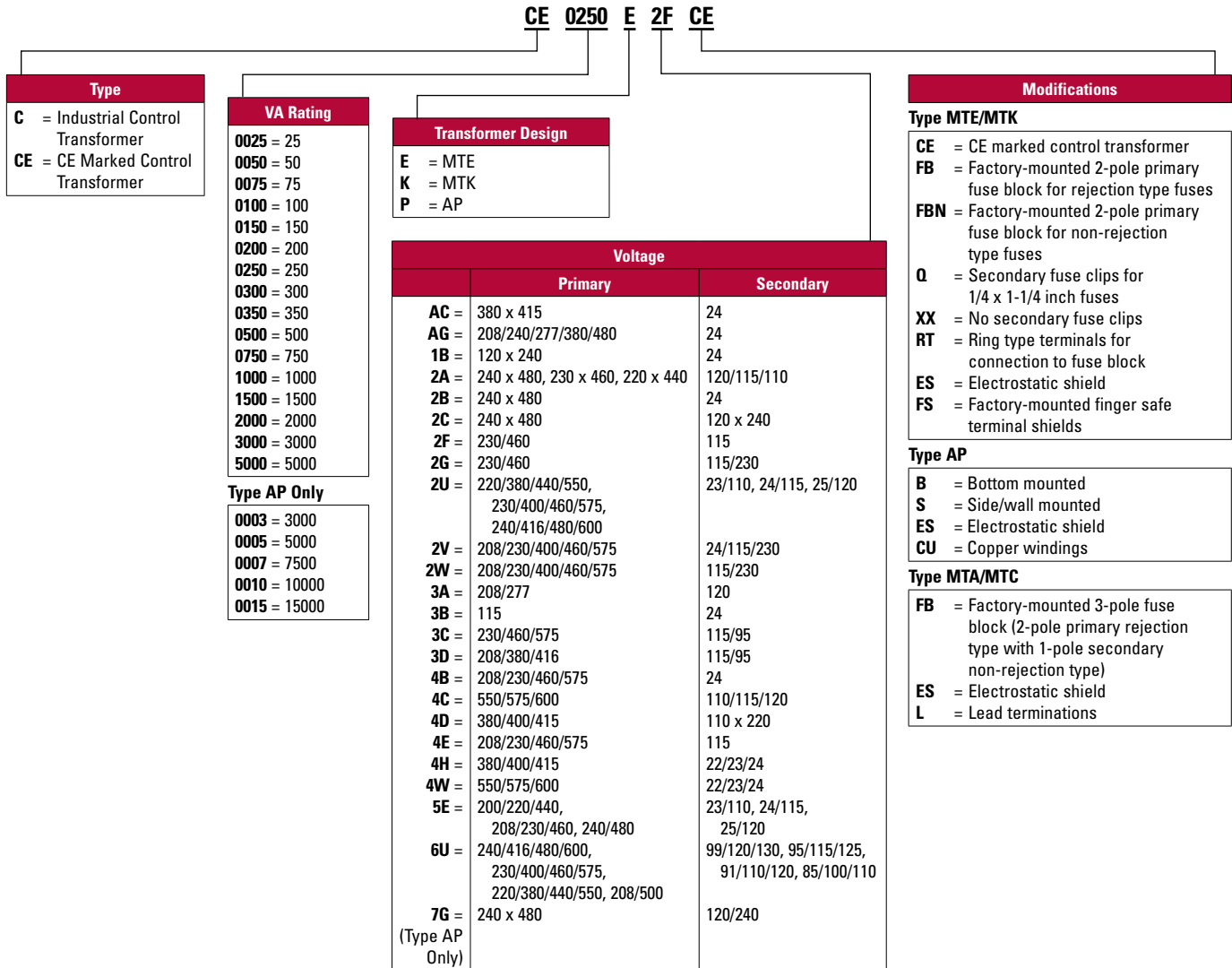
Line Current = (kVA x 1000) / Line Voltage

Machine Integration

General Purpose & Industrial Control Transformers

CATALOG SELECTION

Industrial Control Transformers — Catalog Numbering System



Machine Integration

General Purpose & Industrial Control Transformers

PRODUCT SELECTION

Industrial Control Transformers

- Epoxy encapsulated
- 130°C insulation system
- 50/60 Hz operation
- UL Listed and CSA Certified



Industrial Control Transformers

| VA | Catalog Number |
|----|----------------|
|----|----------------|

Primary 240 x 480, 230 x 460, 220 x 440 — Secondary 120/115/110

| | |
|------|----------|
| 25 | C0025E2A |
| 50 | C0050E2A |
| 75 | C0075E2A |
| 100 | C0100E2A |
| 150 | C0150E2A |
| 200 | C0200E2A |
| 250 | C0250E2A |
| 300 | C0300E2A |
| 350 | C0350E2A |
| 500 | C0500E2A |
| 750 | C0750E2A |
| 1000 | C1000E2A |
| 1500 | C1500E2A |

Primary 240 x 480 — Secondary 24

| | |
|-----|----------|
| 50 | C0050E2B |
| 75 | C0075E2B |
| 100 | C0100E2B |
| 150 | C0150E2B |
| 200 | C0200E2B |
| 250 | C0250E2B |
| 300 | C0300E2B |
| 350 | C0350E2B |
| 500 | C0500E2B |
| 750 | C0750E2B |

Primary 120 x 240 — Secondary 24

| | |
|-----|----------|
| 50 | C0050E1B |
| 75 | C0075E1B |
| 100 | C0100E1B |
| 150 | C0150E1B |
| 200 | C0200E1B |
| 250 | C0250E1B |
| 300 | C0300E1B |
| 350 | C0350E1B |
| 500 | C0500E1B |

Performance for Every Power Application



Powering Business Worldwide

- High-performance, high-quality, highly-protected power supplies for 24V dc applications
- Wide input voltage range, high outrush and long ride-through capabilities
- Compact and globally certified for machinery that work over a wide temperature range

Machine Integration

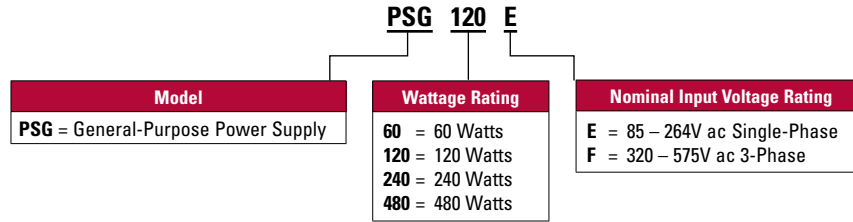
Power Supplies

PRODUCT OVERVIEW

Power Supplies Product Overview

| |  |  |  |
|---|---|--|---|
| Description | PSG | PSS | ELC |
| Page | Page 251 | Page 252 | Page 253 |
| Output Voltage | 24V dc | 24V dc | 24V dc |
| Input Voltage | 85 – 264V ac / 120 – 375V dc or 320 – 575V ac / 450 – 800V dc | 115V ac / 230V ac / 380 – 480V ac / 480 – 600V ac | 85 – 264V ac |
| Mounting | DIN-Rail | DIN-Rail / Panel | DIN-Rail / Panel |
| Outrush Current (current boost / surge) | 150% of Nominal | Up to 600% of Nominal | 110% of Nominal |
| Class 1, Division 2 | Yes | — | Yes |
| Semi 47 Approved | — | Yes | — |
| Housing Material | Metal | Plastic (10W and 25W), All Others Metal | Plastic |
| Adjustable Output Voltage | 22 – 28V dc | Up to 55W — None 160W and Above — 22.5 – 28.5V dc | — |
| Loadsharing | — | Available | — |
| Redundancy Allowed | Yes | Available | — |
| Connection | Large Screw Terminals | Depluggable Screw Terminals | Large Screw Terminals |
| Overload / Short Circuit Protection | Yes | Yes | Yes |

PSG Power Supply — Catalog Numbering System



PSG Power Supply

- Universal input voltages:
 - 85 – 264V ac for single-phase units, 320 – 575V ac for 3-phase units
 - Rugged aluminum housing stands up to harsh environments
- Compact size, with common depth and height across all models allows for common panel depths and family consistency
- Heavy-duty screw terminals with finger-safe protective cover allow use of ring-lug terminals
- Class 1, Division 2 hazardous location rated



PSG Power Supply

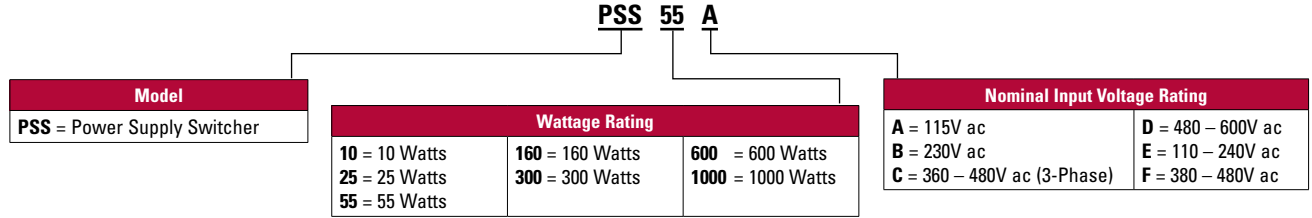
| Description | Catalog Number |
|---|----------------|
| Single-Phase 85 – 264V ac Input, 24V dc / 2.5A Output | PSG60E |
| 3-Phase 320 – 575V ac Input, 24V dc / 2.5A Output | PSG60F |
| Single-Phase 85 – 264V ac Input, 24V dc / 5A Output | PSG120E |
| 3-Phase 320 – 575V ac Input, 24V dc / 5A Output | PSG120F |
| Single-Phase 85 – 264V ac Input, 24V dc / 10A Output | PSG240E |
| 3-Phase 320 – 575V ac Input, 24V dc / 10A Output | PSG240F |
| Single-Phase 85 – 264V ac Input, 24V dc / 20A Output | PSG480E |
| 3-Phase 320 – 575V ac Input, 24V dc / 20A Output | PSG480F |

Machine Integration

Power Supplies

CATALOG SELECTION / PRODUCT SELECTION

PSS Power Supply — Catalog Numbering System



PSS Power Supply

- High current outrush capability in all units
- Designed with long ride-through capability
- Semiconductor F47 approved



PSS Power Supply

| Steady-State Current (Amps) | Steady-State Wattage | Input Voltage | Catalog Number |
|-----------------------------|----------------------|---------------|----------------|
| 0.4 | 10W | 110 – 240 | PSS10E |
| | | 380 – 480 | PSS10F |
| 1.0 | 25W | 110 – 240 | PSS25E |
| | | 380 – 480 | PSS25F |
| 2.3 | 55W | 110 – 240 | PSS55A |
| | | 190 – 264 | PSS55B |
| | | 360 – 480 | PSS55C |
| | | 480 – 600 | PSS55D |
| 6.5 | 160W | 110 – 240 | PSS160E |
| | | 380 – 480 | PSS160C |
| 12.5 | 300W | 90 – 264 | PSS300E |
| | | 380 – 480 | PSS300C |
| 25.0 | 600W | 380 – 480 | PSS600C |
| 40.0 | 1000W | 380 – 480 | PSS1000C |

Machine Integration

Power Supplies

CATALOG SELECTION / PRODUCT SELECTION

ELC Power Supply

- Compact and low-cost source for 24V dc power
- Universal input voltage: 85 – 264V ac
- Compact size, with common depth and height across models allows for common panel depths and family consistency
- Power On indication LED
- Integrated mounting hardware for panel mounting or DIN-Rail mounting



ELC Power Supply

| Description | Catalog Number |
|-----------------------------|----------------|
| 24 Watt, 1 Amp Power Supply | ELC-PS01 |
| 48 Watt, 2 Amp Power Supply | ELC-PS02 |

Quick, Flexible Interconnection




EATON

Powering Business Worldwide

- Designed to enable quick system interconnection
- Forget the wire stripping and save 60% time and labor with IDC terminal blocks
- Accelerate assembly time with plug-in switches, relays, fuse blocks and circuit protectors
- Configurable plug-in bridges quickly distribute power in the panel
- Color codes enable visual coordination and organization of complex panel wiring

Terminal Blocks and Accessories Product Overview

| | |
|----------------------------------|---|
| |  |
| Description | <i>XB</i> |
| Page | Page 256 |
| Available Connections | Screw Terminal, Spring Cage, Insulation Displacement (IDC) |
| Insulation Material | Polyamide 6.6 |
| Dielectric Strength | 600 kV/cm |
| Creep Resistance | 600 CTI |
| Flammability Rating | UL 94 V0 |
| Continuous Operating Temperature | -40° to +257°F (-40° to +125°F) |
| UL Recognized | Yes |
| CE Approved | Yes |
| ATEX Approved | Yes |
| Jumpers / Bridging | Flexible Jumper System with Dual Channel Configurations |

Machine Integration

Terminal Blocks and Accessories

PRODUCT SELECTION

XB Series IEC Terminal Blocks

- Maintenance-free connections
- Multi-conductor connections
- Flexible plug-in bridge system
- UL and cUL recognized, CE approved
- LVD 1 (Not all standards apply to all terminal blocks. Contact Eaton for details):
 - EN 60947-7-1
 - EN 60947-7-2
 - EN 60998-2-3
 - EN 60352-4/A1
- ATEX approval (EExe applications)



Screw Connection Single Level — Through-Feed Terminal Blocks

| Terminal Width Maximum Wire Size IEC 60 947-7-1 in V / A / AWG EN 50 019 ① in V / A / AWG UL-cUL Ratings in V / A / AWG | 5.2 mm 12 AWG / 2.5 mm ² 800 / 32 / 26-12 750 / 22/28 / 26-12 600 / 20 / 26-12 | 6.2 mm 10 AWG / 4 mm ² 800 / 41 / 26-10 750 / 30/38 / 26-10 600 / 30 / 26-10 | 8.2 mm 8 AWG / 6 mm ² 800 / 57 / 24-8 750 / 40/50 / 24-8 600 / 50 / 24-8 |
|---|---|---|---|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| | | | | | |
|--|--------|---|-----------------|----------------|----------------|
| Screw Connection Single Level — Through-Feed | Gray | — | XBUT25 | XBUT4 | XBUT6 |
| | Blue | — | XBUT25BU | XBUT4BU | XBUT6BU |
| | Orange | — | — | XBUT4OR | — |
| | Yellow | — | — | XBUT4YE | — |
| | Red | — | — | XBUT4RD | — |
| | White | — | — | XBUT4WH | — |
| | Black | — | — | XBUT4BK | — |
| | Green | — | — | XBUT4GN | — |

Accessories

| | | | | | |
|---|-------|----|------------------------------|------------------------------|---------------------------|
| End Cover | Gray | — | XBACUT10 | XBACUT10 | XBACUT10 |
| Partition Plate | Gray | — | XBATUT10 | XBATUT10 | XBATUT10 |
| Plug-In Bridge — for cross connections in the bridge shaft | Red | 2 | XBAFBS25 | XBAFBS26 | XBAFBS28 |
| | | 3 | XBAFBS35 | XBAFBS36 | — |
| | | 5 | XBAFBS55 | XBAFBS56 | — |
| | | 10 | XBAFBS105 | XBAFBS106 | — |
| | | 50 | XBAFBS505 | XBAFBS506 | — |
| Reducing Bridge — for connection from XBUT10 to XBUT4 or XBUT25 | Red | — | — | — | — |
| Test Adapter | | | XBATSPA14 | XBATSPA14 | XBATSPA14 |
| 2.3 mm Dia. Test Plug | | | XBATSMPS-^② | XBATSMPS-^② | — |
| Modular Test Plug | | | XBATSPS5 | XBATSPS6 | XBATSPS8 |
| Blank Marker Strip (strip of 10) | White | — | XBMZB5^③ | XBMZB6^③ | XBMZB8^③ |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P | XBANS3575P | XBANS3575P |
| | | | XBANS3575U | XBANS3575U | XBANS3575U |
| | | | XBANS3515P | XBANS3515P | XBANS3515P |
| | | | XBANS3515U | XBANS3515U | XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C | XBAES35C | XBAES35C |
| | | | XBAES35T | XBAES35T | XBAES35T |
| | | | XBAES35N | XBAES35N | XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2158 U.

② For ordering information, see Page 274.

③ For information on Printed Marking Tag Options, see Page 275.

Screw Connection Single Level — Through-Feed Terminal Blocks (Continued)

| Terminal Width Maximum Wire Size IEC 60 947-7-1 in V / A / AWG EN 50 019 ① in V / A / AWG UL-cUL Ratings in V / A / AWG | 10.2 mm 6 AWG / 10 mm ² 1000 / 76 / 20-6 750 / 54/63 / 20-6 600 / 65 / 20-6 | 12 mm 4 AWG / 16 mm ² 1000 / 101 / 17-4 600 / 85 / 16-4 | 16 mm 0 AWG / 35 mm ² 1000 / 150 / 15-0 600 / 150 / 14-1/0 |
|---|--|---|--|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| Screw Connection Single Level — Through-Feed | Color | Number of Positions | Catalog Number | Catalog Number | Catalog Number |
|--|--------|---------------------|-----------------|-----------------|-----------------|
| | Gray | — | XBUT10 | XBUT16 | XBUT35 |
| | Blue | — | XBUT10BU | XBUT16BU | XBUT35BU |
| | Orange | — | XBUT10OR | — | — |
| | Yellow | — | XBUT10YE | — | — |
| | Red | — | XBUT10RD | — | — |
| | White | — | — | — | — |
| | Black | — | — | — | — |
| | Green | — | — | — | — |

Accessories

| | | | | | |
|---|-------|-------------------------|--|--|--|
| End Cover | Gray | — | XBACUT10 | XBACUT16 | ④ |
| Partition Plate | Gray | — | XBATUT10 | — | — |
| Plug-In Bridge — for cross connections in the bridge shaft | Red | 2 3 5 10 50 | XBAFBS210 — — — — | XBAFBS212 — — — — | XBAFBS216 — — — — |
| Reducing Bridge — for connection from XBUT10 to XBUT4 or XBUT25 | Red | — | XBARBUT10 | — | — |
| Test Adapter | | | — | — | — |
| 2.3 mm Dia. Test Plug | | | — | — | — |
| Modular Test Plug | | | — | — | — |
| Blank Marker Strip (strip of 10) | White | — | XBMZB10 ③ | XBMZB12 ③ | XBMZB15 ③ |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2158 U.

② For more information on Printed Marking Tag Options, see Page 275.

③ XBUT35 has an enclosed design. The use of an end cover is not required.

Machine Integration

Terminal Blocks and Accessories

PRODUCT SELECTION

XB Series IEC Terminal Blocks

Screw Connection Single Level — Ground Blocks

| Terminal Width Maximum Wire Size IEC 60 947-7-2 in V / A / AWG EN 50 019 ① in V / A / AWG UL-cUL Ratings in V / A / AWG | 10.2 mm 12 AWG / 2.5 mm ² — / — / 26-12 — / — / 26-12 — / — / 26-12 | 6.2 mm 10 AWG / 4 mm ² — / — / 26-10 — / — / 26-10 — / — / 26-10 | 8.2 mm 8 AWG / 6 mm ² — / — / 24-8 — / — / 24-8 — / — / 24-8 |
|---|--|---|---|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| | | | | | |
|--|----------------|---|----------|---------|---------|
| Screw Connection Single Level Ground Block | Green / Yellow | — | XBUT25PE | XBUT4PE | XBUT6PE |
|--|----------------|---|----------|---------|---------|

Accessories

| | | | | | |
|---|-------|-------------------------|--|--|--|
| End Cover | Gray | — | XBACUT10 | XBACUT10 | XBACUT10 |
| Partition Plate | | | XBATUT10 | XBATUT10 | XBATUT10 |
| Plug-In Bridge — for cross connections in the bridge shaft | Red | 2 3 5 10 50 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 XBAFBS505 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 XBAFBS506 | XBAFBS28 — — — — |
| Test Adapter | | | XBATSPA14 | XBATSPA14 | XBATSPA14 |
| 2.3 mm Dia. Test Plug | | | XBATSMPS- ② | XBATSMPS- ② | — |
| Modular Test Plug | | | XBATSPS5 | XBATSPS6 | XBATSPS8 |
| Blank Marker Strip (strip of 10) | White | — | XBMZB5 ③ | XBMZB6 ③ | XBMZB8 ③ |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2158 U.

② For more information, see Page 274.

③ For more information on Printed Marking Tag Options, see Page 275.

XB Series IEC Terminal Blocks

Screw Connection Single Level — Ground Blocks (Continued)

| Terminal Width Maximum Wire Size IEC 60 947-7-2 in V / A / AWG EN 50 019 ① in V / A / AWG UL-cUL Ratings in V / A / AWG | | 10.2 mm 6 AWG / 10 mm ² — / 76 / 20-6 — / 54/69 / 20-6 — / — / 20-6 | 12 mm 4 AWG / 16 mm ² — / 101 / 15-4 — / — / 16-4 | 16 mm 2 AWG / 35 mm ² — / 125 / 15-2 — / — / 14-1/0 |
|---|-------|--|---|---|
| Description | Color | Number of Positions | Catalog Number | |

Product Selection

| | | | | | |
|--|----------------|---|-----------------|-----------------|-----------------|
| Screw Connection Single Level Ground Block | Green / Yellow | — | XBUT10PE | XBUT16PE | XBUT35PE |
|--|----------------|---|-----------------|-----------------|-----------------|

Accessories

| | | | | | |
|---|-------|-------------------------|--|--|--|
| End Cover | Gray | — | XBACUT10 | XBACUT16 | ③ |
| Partition Plate | | | XBATUT10 | — | — |
| Plug-In Bridge — for cross connections in the bridge shaft | Red | 2 3 5 10 50 | XBAFBS210 — — — — | XBAFBS212 — — — — | XBAFBS212 — — — — |
| Test Adapter | | | — | — | — |
| 2.3 mm Dia. Test Plug | | | — | — | — |
| Modular Test Plug | | | — | — | — |
| Blank Marker Strip (strip of 10) | White | — | XBMZB10 ② | XBMZB12 ② | XBMZB15 ② |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2158 U.

② For more information on Printed Marking Tag Options, see Page 275.

③ XBUT35PE has an enclosed design. The use of an end cover is not required.

Machine Integration

Terminal Blocks and Accessories

PRODUCT SELECTION

XB Series IEC Terminal Blocks

Screw Connection Multi-Conductor Terminal Blocks

| Terminal Width | | 5.2 mm | 6.2 mm |
|-------------------------------|-------|------------------------------|----------------------------|
| Maximum Wire Size | | 12 AWG / 2.5 mm ² | 10 AWG / 4 mm ² |
| IEC 60 947-7-1 in V / A / AWG | | 500 / 28 / 26-12 | 500 / 39 / 26-10 |
| UL-cUL Ratings in V / A / AWG | | 150 / 20 / 26-12 | 150 / 30 / 26-10 |
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| Screw Connection Multi-Conductor | Color | Number of Positions | Catalog Number | Catalog Number |
|----------------------------------|-------|---------------------|--------------------|-------------------|
| Screw Connection Multi-Conductor | Gray | — | XBUT25D12 | XBUT4D12 |
| | Gray | — | XBUT25D22 | XBUT4D22 |
| | Blue | — | XBUT25D12BU | XBUT4D12BU |
| | Blue | — | XBUT25D22BU | XBUT4D22BU |

Accessories

| | | | | |
|---|-------|-------------------------|---|---|
| End Cover | Gray | — | XBACUT4D12 XBACUT4D22 | XBACUT4D12 XBACUT4D22 |
| End Cover Segment | Gray | — | XBASUT4 | XBASUT4 |
| Partition Plate | | | XBATUTD12 XBATUTD22 | XBATUTD12 XBATUTD22 |
| Plug-In Bridge — for cross connections in the bridge shaft | Red | 2 3 5 10 50 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 XBAFBS505 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 XBAFBS506 |
| Test Adapter | | | XBATSPA14 | XBATSPA14 |
| 2.3 mm Dia. Test Plug | | | XBATSMPS-₁ | XBATSMPS-₁ |
| Modular Test Plug | | | XBATSPS5 | XBATSPS6 |
| Blank Marker Strip (strip of 10) | White | — | XBMZB5^② | XBMZB6^② |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① For ordering information, see Page 274.

② For information on Printed Marking Tag Options, see Page 275.

Screw Connection Multi-Conductor Ground Blocks

| Terminal Width | | 5.2 mm | 6.2 mm |
|-------------------------------|-------|------------------------------|----------------------------|
| Maximum Wire Size | | 12 AWG / 2.5 mm ² | 10 AWG / 4 mm ² |
| IEC 60 947-7-2 in V / A / AWG | | — / — / 26-12 | — / — / 26-10 |
| UL-cUL Ratings in V / A / AWG | | — / — / 26-12 | — / — / 26-10 |
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| Screw Connection Multi-Conductor Ground Block | Color | Number of Positions | Catalog Number | Catalog Number |
|---|----------------|---------------------|--|--|
| Screw Connection Multi-Conductor Ground Block | Green / Yellow | — | XBUT25D12PE XBUT25D22PE | XBUT4D12PE XBUT4D22PE |

Accessories

| | | | | |
|---|-------|-------------------------|---|---|
| End Cover | Gray | — | XBACUT4D12 XBACUT4D22 | XBACUT4D12 XBACUT4D22 |
| End Cover Segment | Gray | — | XBASUT4 | XBASUT4 |
| Partition Plate | | | XBATUTD12 | XBATUTD12 |
| Plug-In Bridge — for cross connections in the bridge shaft | Red | 2 3 5 10 50 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 XBAFBS505 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 XBAFBS506 |
| Test Adapter | | | XBATSPA14 | XBATSPA14 |
| 2.3 mm Dia. Test Plug | | | XBATSMPS-₁ | XBATSMPS-₁ |
| Modular Test Plug | | | XBATSPS5 | XBATSPS6 |
| Blank Marker Strip (strip of 10) | White | — | XBMZB5^② | XBMZB6^② |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① For ordering information, see Page 274.

② For information on Printed Marking Tag Options, see Page 275.

XB Series IEC Terminal Blocks

Screw Connection Double Level Terminal Blocks

| Terminal Width Maximum Wire Size IEC 60 947-7-1 in V / A / AWG UL-cUL Ratings in V / A / AWG | 6.2 mm 10 AWG / 4 mm ² 800 / 36 / 26-10 300 / 30 / 26-10 | 6.2 mm 10 AWG / 4 mm ² — / — / 26-10 — / — / 26-10 | |
|---|--|--|----------------|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| | | | | |
|---|---------------------|---|---|-----------------|
| Screw Connection Double Level | Gray Blue Red | — | XBUTT4 XBUTT4BU XBUTT4RD | — |
| Screw Connection Double Level — terminal block with potential distribution between the levels | Gray | — | XBUTT4PV | — |
| Screw Connection Double Level — Ground Block | Green/ Yellow | — | — | XBUTT4PE |

Accessories

| | | | | |
|---|-------|-------------------------|---|---|
| End Cover | Gray | — | XBACUTT4 | XBACUTT4 |
| Spacer Plate | Gray | — | XBDPUTT4 | XBDPUTT4 |
| Partition Plate | | | XBATUTT4 | XBATUTT4 |
| Plug-In Bridge — for cross connections in the bridge shaft | Red | 2 3 5 10 50 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 XBAFBS506 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 XBAFBS506 |
| Test Adapter | | | XBATSPA14 | XBATSPA14 |
| 2.3 mm Dia. Test Plug | | | XBATSMPS-₁ | XBATSMPS-₁ |
| Modular Test Plug | | | XBATSPS6 | XBATSPS6 |
| Blank Marker Strip (strip of 10) | White | — | XBMZB6₂ | XBMZB6₂ |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① For ordering information, see Page 274.

② For information on Printed Marking Tag Options, see Page 275.

Screw Connection Triple Level Sensor/ Actuator Terminal Blocks

| Terminal Width Maximum Wire Size Connection Data in V / A / AWG IEC 60 947-7-1 in V / A / AWG UL-cUL Ratings in V / A / AWG | 6.2 mm 14 AWG / 2.5 mm ² 250 / 26 / 24-12 — 300 / 15 / 30-14 | 6.2 mm 14 AWG / 2.5 mm ² — 250 / 30 / 24-12 300 / 15 / 30-14 | |
|---|---|---|----------------|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| | | | | |
|--|--------------|---|----------------------|-------------------|
| Screw Connection Triple Level | Gray Blue | — | XB3UKA25 | XB3UKF25 |
| Screw Connection Triple Level w/Red LED, 15 – 30V dc, 2.5 – 7.5A | Gray | — | XB3UKA25L24 | — |
| Screw Connection with Ground Connection | Gray | — | XB3UKA24PE | XB3UKF24PE |
| Screw Connection with Ground Connection and LED Indicator | Gray | — | XB3UKA24PEL24 | — |

Accessories

| | | | | |
|---|----------------------------|----------------------|--|--|
| Insertion Bridge | Blue Red Blue Red | 80 80 10 10 | XBAEB80DIKB XBAEB80DIKR XBAEB10DIKB XBAEB10DIKR | XBAEB80DIKB XBAEB80DIKR XBAEB10DIKB XBAEB10DIKR |
| Blank Marker Strip (strip of 10) | White | — | XBMZB6₁ | XBMZB6₁ |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① For information on Printed Marking Tag Options, see Page 275.

Machine Integration

Terminal Blocks and Accessories

PRODUCT SELECTION

XB Series IEC Terminal Blocks

Screw Connection Fuse Terminal Blocks

| Terminal Width Maximum Wire Size IEC 60 947-7-3 in V / A / AWG IEC 60 947-7-3 as disconnected t.b. in V / A / AWG UL-cUL Ratings in V / A / AWG | 6.2 mm 10 AWG / 4 mm ² ① / 6.3 / 26-10 — 600 / 6.3 / 26-10 | 8.2 mm 8 AWG / 6 mm ² ① / 10 / 24-8 — 400 / 10 / 24-8 | 12 mm 6 AWG / 16 mm ² ⑤ / ⑤ / 20-4 800 / 10 / 20-6 300 / 20 / 22-6 |
|---|---|--|---|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| | | | | | |
|--|-------|---|---------------------|---------------------|-----------------------|
| Fuse Terminal Block for 5 x 20 mm fuse | Black | — | XBUT4FBE | — | XBUK10FBCE |
| Fuse Terminal Block for 6.3 x 32 mm (1/4" x 1-1/4") fuse | Black | — | — | XBUT6FBN | XBUK10FBCN |
| Fuse Terminal Block w/ LED 12 – 30V, 1 – 2.5 mA | Black | — | XBUT4FBEL24 | XBUT6FBNL24 | — |
| Fuse Terminal Block w/ LED 30 – 60V, 0.8 – 2.0 mA | Black | — | XBUT4FBEL60 | XBUT6FBNL60 | — |
| Fuse Terminal Block w/ LED 110 – 250V, 0.5 – 2.5 mA | Black | — | XBUT4FBEL250 | XBUT6FBNL250 | — |
| Fuse Terminal Block w/ LED 15 – 30V, 1 – 2.5 mA, 5 x 20 mm | Black | — | — | — | XBUK10FBCEL24 |
| Fuse Terminal Block w/ LED 15 – 30V, 1 – 2.5 mA, 6.3 x 32 mm | Black | — | — | — | XBUK10FBCNL24 |
| Fuse Terminal Block w/ LED 110 – 250V, 0.5 – 1.1A, 5 x 20 mm | Black | — | — | — | XBUK10FBCEL250 |
| Fuse Terminal Block w/ LED 110 – 250V, 0.5 – 1.1A, 6.3 x 32 mm | Black | — | — | — | XBUK10FBCNL250 |

Accessories

| | | | | | |
|---|-------|-------------------------|---|---|--|
| End Cover | — | — | ② | ② | — |
| Plug-In Bridge — for cross connections in the bridge shaft | Red | 2 3 5 10 50 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 XBAFBS506 | XBAFBS28 XBAFBS38 XBAFBS58 XBAFBS108 XBAFBS508 | — — — — — |
| Fixed Bridge | — | 2 | — | — | XBAFB1212 |
| Screw Heads with Insulating Collar | — | 10 | — | — | XBAFB11012 |
| Blank Marker Strip Center Labeling (strip of 10) | White | — | XBMZB5 ③ | XBMZB6 ③ | — |
| Blank Marker Strip External Labeling (strip of 10) | White | — | XBMZB6 ③ | XBMZB8 ③ | — |
| Blank Marker Strip (strip of 10) | White | — | — | — | XBMZB6 ③ |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① As disconnect terminal block 400V, as fuse terminal block 250V.

② XBUT4FBE and XBUT6FBN have an enclosed design. The use of an end cover is not required.

③ For information on Printed Marking Tag Options, see Page275.

④ As disconnect terminal block 500V, as fuse terminal block 400V.

⑤ The current is determined by the fuse used, the voltage by the selected light indicator.

Note: Max. power dissipation at 23°C (based on DIN EN 60 947-7-3: 2003-7. When selecting cartridge fuse inserts, please ensure that the maximum power dissipation specified above is not exceeded. Details can be obtained from the fuse suppliers. Cartridge Fuse Inserts 5 x 20 mm based on DIN EN 60 947-7-3: 2003-7.

| Terminal Block | U (V) | Overload Protection | | I _{max.} (A) |
|-----------------|-------|---------------------|----------------|-----------------------|
| | | Individual | Interconnected | |
| XBUT4FBE | 250 | 1.6W | 1.6W | 6.3 |

Note: If the fuse is defective, the downstream circuit is not off load.

XB Series IEC Terminal Blocks

Spring Cage Single Level — Through-Feed Terminal Blocks

| Terminal Width Maximum Wire Size IEC 60 947-7-1 in V / A / AWG EN 50 019 ① in V / A / AWG UL-cUL Ratings in V / A / AWG | 5.2 mm 12 AWG / 2.5 mm ² 800 / 31 / 28-12 550 / 25/21 / 24-12 600 / 20 / 26-12 | 6.2 mm 10 AWG / 4 mm ² 800 / 40 / 28-10 550 / 34/30 / 24-10 600 / 30 / 20-10 | 8.2 mm 8 AWG / 6 mm ² 800 / 52 / 24-8 550 / 45/36 / 20-8 600 / 50 / 20-8 |
|---|---|---|---|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| Spring Cage Single Level — Through-Feed | Color | Number of Positions | Catalog Number | Catalog Number | Catalog Number |
|---|-------|---------------------|-----------------|----------------|----------------|
| | Gray | — | XBPT25 | XBPT4 | XBPT6 |
| | Blue | — | XBPT25BU | XBPT4BU | XBPT6BU |
| | White | — | XBPT25WH | — | — |
| | Red | — | XBPT25RD | — | — |
| | Black | — | XBPT25BK | — | — |

Accessories

| | | | | | |
|---|----------------|-------------------------|---|---|--|
| End Cover | Gray | — | XBACPT25 | XBACPT4 | XBACPT6 |
| Partition Plate | | | XBATPT4 | XBATPT4 | XBATPT6 |
| Plug-In Bridge — for cross connections in the terminal center | Red | 2 3 5 10 50 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 XBAFBS505 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 XBAFBS506 | XBAFBS28 — — — — |
| Reducing Bridge | Red | — | — | — | — |
| Test Adapter | | | XBATSPA14 | XBATSPA14 | XBATSPA14 |
| 2.3 mm Dia. Test Plug | | | XBATSMPS-^② | XBATSMPS-^② | XBATSMPS-^② |
| Modular Test Plug | | | XBATSPS5 | XBATSPS6 | XBATSPS8 |
| Blank Marker Strip External Labeling Blank Marker Strip Center Labeling (strip of 10) | White White | — — | XBMZBF5^③ XBMZB5^③ | XBMZBF6^③ XBMZB6^③ | XBMZBF8^③ XBMZB8^③ |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2154 U (XBPT25), KEMA 05ATEX2155 U (XBPT4), KEMA 05ATEX2155 U (XBPT6), KEMA 05ATEX2156 U (XBPT10).

② For ordering information, see Page 274.

③ For information on Printed Marking Tag Options, see Page 275.

Machine Integration

Terminal Blocks and Accessories

PRODUCT SELECTION

XB Series IEC Terminal Blocks

Spring Cage Single Level — Through-Feed Terminal Blocks (Continued)

| Terminal Width Maximum Wire Size IEC 60 947-7-1 in V / A / AWG EN 50 019 ① in V / A / AWG UL-cUL Ratings in V / A / AWG | 10.2 mm 6 AWG / 10 mm ² 800 / 65 / 24-6 550 / 50/63 / 16-6 600 / 65 / 16-6 | 12 mm 4 AWG / 16 mm ² 800 / 90 / 24-4 550 / 65/82 / 16-4 600 / 50 / 16-4 | 16 mm 2 AWG / 35 mm ² 800 / 125 / 14-2 750 / 108 / 14-2 600 / 115 / 14-2 |
|---|---|---|---|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| Description | Color | Number of Positions | Catalog Number | Catalog Number | Catalog Number |
|---|-------|---------------------|-----------------|-----------------|-----------------|
| Spring Cage Single Level — Through-Feed | Gray | — | XBPT10 | XBPT16 | XBPT35 |
| | Blue | — | XBPT10BU | XBPT16BU | XBPT35BU |
| | White | — | — | — | — |
| | Red | — | — | — | — |
| | Black | — | — | — | — |

Accessories

| | | | | | |
|---|-------|-------------------------|--|--|--|
| End Cover | Gray | — | XBACPT10 | XBACPT16 | ④ |
| Partition Plate | | | — | — | — |
| Plug-In Bridge — for cross connections in the terminal center | Red | 2 3 5 10 50 | XBAFBS210 — — — — | XBAFBS212 — — — — | XBAFBS216 — — — — |
| Reducing Bridge | Red | — | XBARBST10 | XBARBST16 | — |
| Test Adapter | | | — | — | — |
| 2.3 mm Dia. Test Plug | | | XBATSMPS-₂ | XBATSMPS-₂ | XBATSMPS-₂ |
| Modular Test Plug | | | — | — | — |
| Blank Marker Strip External Labeling | White | — | XBMZBF10 ③ | XBMZBF12 ③ | XBMZBF15 ③ |
| Blank Marker Strip Center Labeling (strip of 10) | White | — | XBMZB10 ③ | XBMZB12 ③ | XBMZB15 ③ |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2154 U (XBPT25), KEMA 05ATEX2155 U (XBPT4), KEMA 05ATEX2155 U (XBPT6), KEMA 05ATEX2156 U (XBPT10).

② For ordering information, see Page 274.

③ For information on Printed Marking Tag Options, see Page 275.

④ XBPT35 has an enclosed design. The use of an end cover is not required.

XB Series IEC Terminal Blocks

Screw Connection Single Level — Ground Blocks

| Terminal Width Maximum Wire Size IEC 60 947-7-2 in V / A / AWG EN 50 019 ① in V / A / AWG UL-cUL Ratings in V / A / AWG | 5.2 mm 12 AWG / 2.5 mm ² — / — / 28-12 — / — / 24-12 — / — / 26-12 | 6.2 mm 10 AWG / 4 mm ² — / — / 28-10 — / — / 24-10 — / — / 20-10 | 8.2 mm 8 AWG / 6 mm ² — / — / 24-8 — / — / 20-8 — / — / 20-8 |
|---|---|---|---|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| | | | | | |
|---------------------------------------|----------------|---|----------|---------|---------|
| Spring Cage Single Level Ground Block | Green / Yellow | — | XBPT25PE | XBPT4PE | XBPT6PE |
|---------------------------------------|----------------|---|----------|---------|---------|

Accessories

| | | | | | |
|---|----------------|--------|--|--|--|
| End Cover | Gray | — | XBACPT25 | XBACPT4 | XBACPT6 |
| Plug-in Bridge — for cross connections in the terminal center | | 2 | — | — | — |
| Blank Marker Strip External Labeling Blank Marker Strip Center Labeling (strip of 10) | White White | — — | XBMBZF5 ② XBMBZ5 ② | XBMBZF6 ② XBMBZ6 ② | XBMBZF8 ② XBMBZ8 ② |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2154 U (XBPT25PE), KEMA 05ATEX2155 U (XBPT4PE, XBPT6PE), KEMA 05ATEX2156 U (9XBPT10PE).

② For information on Printed Marking Tag Options, see Page 275.

Screw Connection Single Level — Ground Blocks (Continued)

| Terminal Width Maximum Wire Size IEC 60 947-7-2 in V / A / AWG EN 50 019 ① in V / A / AWG UL-cUL Ratings in V / A / AWG | 10.2 mm 6 AWG / 10 mm ² — / 65 / 24-6 — / — / 16-6 — / — / 16-6 | 12 mm 4 AWG / 16 mm ² — / 90 / 24-4 — / — / 16-4 — / — / 16-4 | 16 mm 2 AWG / 35 mm ² — / 125 / 14-2 — / — / 14-2 — / — / 14-2 |
|---|--|--|---|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| | | | | | |
|---------------------------------------|----------------|---|----------|----------|----------|
| Spring Cage Single Level Ground Block | Green / Yellow | — | XBPT10PE | XBPT16PE | XBPT35PE |
|---------------------------------------|----------------|---|----------|----------|----------|

Accessories

| | | | | | |
|---|----------------|--------|--|--|--|
| End Cover | Gray | — | XBACPT10 | XBACPT16 | ③ |
| Plug-in Bridge — for cross connections in the terminal center | | 2 | XBAFBS210 | XBAFBS212 | XBAFBS216 |
| Blank Marker Strip External Labeling Blank Marker Strip Center Labeling (strip of 10) | White White | — — | XBMBZF10 ② XBMBZ10 ② | XBMBZF12 ② XBMBZ12 ② | XBMBZF15 ② XBMBZ15 ② |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2154 U (XBPT25PE), KEMA 05ATEX2155 U (XBPT4PE, XBPT6PE), KEMA 05ATEX2156 U (XBPT10PE).

② For information on Printed Marking Tag Options, see Page 275.

③ XBPT35PE has an enclosed design. The use of an end cover is not required.

Machine Integration

Terminal Blocks and Accessories

PRODUCT SELECTION

XB Series IEC Terminal Blocks

Spring Cage Multi-Conductor Terminal Blocks

| Terminal Width | 5.2 mm | 6.2 mm |
|-------------------------------|------------------------------|----------------------------|
| Maximum Wire Size | 12 AWG / 2.5 mm ² | 10 AWG / 4 mm ² |
| IEC 60 947-7-1 in V / A / AWG | 800 / 28 / 28-12 | 800 / 40 / 28-10 |
| EN 50 019 ① in V / A / AWG | 550 / 25/21 / 24-12 | 550 / 34/29 / 24-10 |
| UL-cUL Ratings in V / A / AWG | 600 / 20 / 26-12 | 600 / 30 / 20-10 |

| Description | Color | Number of Positions | Catalog Number |
|-------------|-------|---------------------|----------------|
|-------------|-------|---------------------|----------------|

Product Selection

| | | | | |
|---|------|---|-------------|------------|
| Spring Cage Multi-Conductor | Gray | — | XBPT25D12 | XBPT4D12 |
| | Gray | — | XBPT25D22 | XBPT4D22 |
| | Blue | — | XBPT25D12BU | XBPT4D12BU |
| | Blue | — | XBPT25D22BU | XBPT4D22BU |
| Spring Cage Multi-Conductor with interrupted busbar | Gray | — | XBPT25D22U | XBPT4D22U |

Accessories

| | | | | |
|---|-------|----|--|--|
| End Cover | Gray | — | XBACPT25D12 XBACPT24D22 | XBACPT4D12 XBACPT4D22 |
| End Cover Segment | Gray | — | XBASPT25 | XBASPT4 |
| Partition Plate | | | XBATPTD12 XBATPTD22 | XBATPTD12 XBATPTD22 |
| Plug-in Bridge — for cross connections in the terminal center | Red | 2 | XBAFBS25 | XBAFBS26 |
| | | 3 | XBAFBS35 | XBAFBS36 |
| | | 5 | XBAFBS55 | XBAFBS56 |
| | | 10 | XBAFBS105 | XBAFBS106 |
| | | 50 | XBAFBS505 | XBAFBS506 |
| Test Adapter | | | XBATSPA14 | XBATSPA14 |
| 2.3 mm Dia. Test Plug | | | XBATSMPS- ② | XBATSMPS- ② |
| Modular Test Plug | | | XBATSPS5 | XBATSPS6 |
| Blank Marker Strip External Labeling | White | — | XBMZBF5 ③ | XBMZBF6 ③ |
| | White | — | XBMZB5 ③ | XBMZB6 ③ |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2154 U (XBPT25D12, XBPT25D22), KEMA 05ATEX2155 U (XBPT4D12, XBPT4D22).

② For ordering information, see Page 274.

③ For information on Printed Marking Tag Options, see Page 275.

Spring Cage Multi-Conductor Ground Blocks

| Terminal Width | 5.2 mm | 6.2 mm |
|-------------------------------|------------------------------|----------------------------|
| Maximum Wire Size | 12 AWG / 2.5 mm ² | 10 AWG / 4 mm ² |
| IEC 60 947-7-2 in V / A / AWG | — / — / 28-12 | — / — / 28-10 |
| EN 50 019 ① in V / A / AWG | — / — / 24-12 | — / — / 24-10 |
| UL-cUL Ratings in V / A / AWG | — / — / 26-12 | — / — / 20-10 |

| Description | Color | Number of Positions | Catalog Number |
|-------------|-------|---------------------|----------------|
|-------------|-------|---------------------|----------------|

Product Selection

| | | | | |
|--|----------------|---|----------------------------|--------------------------|
| Spring Cage Multi-Conductor Ground Block | Green / Yellow | — | XBPT25D12PE XBPT25D22PE | XBPT4D12PE XBPT4D22PE |
|--|----------------|---|----------------------------|--------------------------|

Accessories

| | | | | |
|---|-------|---|--|--|
| End Cover | Gray | — | XBACPT25D12 XBACPT25D22 | XBACPT4D12 XBACPT4D22 |
| End Cover Segment | Gray | — | XBASPT25 | XBASPT4 |
| Blank Marker Strip External Labeling | White | — | XBMZBF5 ② | XBMZBF6 ② |
| | White | — | XBMZB5 ② | XBMZB6 ② |
| Blank Marker Strip Center Labeling (strip of 10) | | | | |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2154 U (XBPT25D12PE, XBPT25D22PE), KEMA 05ATEX2155 U (XBPT4D12PE, XBPT4D22PE).

② For information on Printed Marking Tag Options, see Page 275.

XB Series IEC Terminal Blocks

Spring Cage Double Level Blocks

| Terminal Width Maximum Wire Size IEC 60 947-7-1 in V / A / AWG EN 50 019 ① in V / A / AWG UL-cUL Ratings in V / A / AWG | | 5.2 mm 12 AWG / 2.5 mm ² 500 / 26 / 28-12 420 / 23/19 / 24-12 600 / 20 / 26-12 | 6.2 mm 10 AWG / 4 mm ² 500 / 32 / 28-10 420 / 32/27 / 24-10 300 / 30 / 20-10 |
|---|-------|---|---|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| Description | Color | Number of Positions | Catalog Number | Catalog Number |
|--|------------------|---------------------|------------------------------------|----------------------------------|
| Spring Cage Double Level Block | Gray Blue | — — | XBPTT25 XBPTT25BU | XBPTT4 XBPTT4BU |
| Spring Cage Double Level Ground Block | Green/ Yellow | — | XBPTT25PE | XBPTT4PE |
| Spring Cage Double Level — terminal block with potential distribution between the levels | Gray | — | XBPTT25PV | XBPTT4PV |

Accessories

| | | | | |
|---|-------|-------------------------|---|---|
| End Cover | Gray | — | XBACPTT25 | XBACPTT4 |
| Partition Plate | | | XBATPTT4 | XBATPTT4 |
| Plug-In Bridge — for cross connections in the terminal center | Red | 2 3 5 10 50 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 XBAFBS505 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 XBAFBS506 |
| Test Adapter | | | XBATSPA14 | XBATSPA14 |
| Modular Test Plug | | | XBATSPS5 | XBATSPS6 |
| Blank Marker Strip (strip of 10) | White | — | XBMZBF5 ② | XBMZBF6 ② |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2154 U (XBPTT25, XBPTT25PE), KEMA 05ATEX2155 U (XBPTT4, XBPTT4PE).

② For information on Printed Marking Tag Options, see Page 275.

Spring Cage Triple Level Blocks

| Terminal Width Maximum Wire Size IEC 60 947-7-1 in V / A / AWG UL-cUL Ratings in V / A / AWG | | 5.2 mm 12 AWG / 2.5 mm ² 500 / 28 / 28-12 600 / 20 / 26-12 | |
|---|-------|--|----------------|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| | | | |
|--|------|---|------------------|
| Spring Cage Triple Level Block | Gray | — | XBPTK25 |
| Spring Cage Triple Level — terminal block with potential distribution between the levels | Gray | — | XBPTK25PV |

Accessories

| | | | |
|---|-------|-------------------------|---|
| End Cover | Gray | — | XBACPT25K |
| Plug-In Bridge — for cross connections in the terminal center | Red | 2 3 5 10 50 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 XBAFBS505 |
| Test Adapter | | | XBATSPA14 |
| Modular Test Plug | | | XBATSPS5 |
| Blank Marker Strip (strip of 10) | White | — | XBMZBF5 ① |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N |

① For information on Printed Marking Tag Options, see Page 275.

Machine Integration

Terminal Blocks and Accessories

PRODUCT SELECTION

XB Series IEC Terminal Blocks

Spring Cage Fuse Terminal Block

| Terminal Width Maximum Wire Size IEC 60 947-7-3 with Fuse in V / A / AWG IEC 60 947-7-3 as Disconnect Terminal Block in V / A / AWG UL-cUL Ratings in V / A / AWG | 6.2 mm 10 AWG / 4 mm² ① / ① / 28-10 250 / 6.3 / 28-10 300 / 6.3 / 24-10 | 8.2 mm 10 AWG / 4 mm² 400 / 10 / 28-10 400 / 10 / 28-10 300 / 10 / 24-10 | |
|--|---|--|----------------|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| | | | | |
|--|-------|---|---------------------|---------------------|
| Fuse Terminal Block for 5 x 20 mm fuse | Black | — | XBPT4FBE | — |
| Fuse Terminal Block w/ LED 15 – 30V, 3.5 – 8.1A | Black | — | XBPT4FBEL24 | — |
| Fuse Terminal Block w/ LED 30 – 60V, 0.8 – 2.0A | Black | — | XBPT4FBEL60 | — |
| Fuse Terminal Block w/ LED 110 – 250V, 0.5 – 1.0A | Black | — | XBPT4FBEL250 | — |
| Fuse Terminal Block for 6.3 x 32 mm (1/4" x 1-1/4") fuse | Black | — | — | XBPT4FBN |
| Fuse Terminal Block w/ LED 12 – 30V, 1.0 – 2.5 mA | Black | — | — | XBPT4FBNL24 |
| Fuse Terminal Block w/ LED 110 – 250V, 0.5 – 2.5 mA | Black | — | — | XBPT4FBNL250 |

Accessories

| | | | | |
|---|----------------|-------------------|--|--|
| Partition Plate | | | XBATPT4 | XBATQTD12 |
| Plug-In Bridge — for cross connections in the terminal center | Red | 2 3 5 10 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 | XBAFBS28 — — — |
| Blank Marker Strip External Labeling Blank Marker Strip Center Labeling (strip of 10) | White White | — — | XBMZBF6 ② XBMZB5 ② | XBMZBF8 ② XBMZB6 ② |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① See table below (the current is determined by the fuse used, the voltage by the selected light indicator).

② For information on Printed Marking Tag Options, see Page 275.

Note: The cartridge fuse holders should be selected according to the maximum power dissipation (self-heating) of the cartridge fuse inserts. The thermal conditions in closed fuse holes should be checked according to the application and installation. Higher ambient temperatures are an additional strain on fuse inserts. In applications of this kind, the shift of the rated current should be taken into consideration accordingly. Max. power dissipation at 23°C (in acc. with IEC 60 947-7-3). When selecting cartridge fuse inserts, please ensure that the maximum power dissipation specified at right is not exceeded. Details can be obtained from the fuse suppliers. Cartridge Fuse Inserts 5 x 20 and 6.3 x 32 mm in acc. with IEC 60 947-7-3.

| Terminal Block | U (V) | Individual | Interconnected |
|----------------|-------|------------|----------------|
|----------------|-------|------------|----------------|

Overload Protection

| | | | |
|-----------------|-----|------|------|
| XBPT4FBN | 400 | 1.6W | 1.6W |
| XBPT4FBE | 250 | 1.6W | 1.6W |

Short Circuit Protection Only

| | | | |
|-----------------|-----|----|------|
| XBPT4FBN | 400 | 4W | 2.5W |
| XBPT4FBE | 250 | 4W | 2.5W |

XB Series IEC Terminal Blocks

Insulation Displacement Connection — Single Level Terminal Blocks

| Terminal Width Maximum Wire Size Connection Data ① in V / A / AWG EN 50 019 in V / A / AWG UL-cUL Ratings in V / A / AWG | 5.2 mm 16 AWG / 1.5 mm ² 800 / 17.5 / 24-16 | 5.2 mm 16 AWG / 1.5 mm ² — / — / 24-16 | 6.2 mm 14 AWG / 2.5 mm ² 800 / 24 / 20-14 | 6.2 mm 14 AWG / 2.5 mm ² — / — / 20-14 | |
|--|--|---|--|---|--|
| | 550 / 16 / 24-16 | — / — / 24-16 | — | — | |
| | 600 / 10 / 24-16 | — / — / 24-16 | 600 / 15 / 20-14 | — / — / 20-14 | |
| Description | Color | Number of Positions | Catalog Number | | |

Product Selection

| | | | | | | |
|-----------------------------------|----------------|---|----------------------------------|-----------------|----------------------------------|-----------------|
| IDC Terminal Block — Single Level | Gray Blue | — | XBQT15 XBQT15BU | — | XBQT25 XBQT25BU | — |
| IDC Ground Block — Single Level | Green / Yellow | — | — | XBQT15PE | — | XBQT25PE |

Accessories

| | | | | | | |
|---|----------------|-------------------------|---|---|---|---|
| End Cover | Gray | — | XBACQT15 | XBACQT15 | XBACQT25 | XBACQT25 |
| Partition Plate | | | XBATQT25 | XBATQT25 | XBATQT25 | XBATQT25 |
| Plug-In Bridge | Red | 2 3 5 10 50 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 XBAFBS505 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 XBAFBS505 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 XBAFBS506 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 XBAFBS506 |
| Test Adapter | | | XBATSPA14 | XBATSPA14 | XBATSPA14 | XBATSPA14 |
| 2.3 mm Dia. Test Plug | | | XBATSMPS- ② | XBATSMPS- ② | XBATSMPS- ② | XBATSMPS- ② |
| Modular Test Plug | | | XBATSPS5 | XBATSPS5 | XBATSPS6 | XBATSPS6 |
| Blank Marker Strip Center and External Marking Blank Marker Strip Center Labeling (strip of 10) | White White | — — | XBMZBF5 ③ XBMZB5 ③ | XBMZBF5 ③ XBMZB5 ③ | XBMZBF6 ③ XBMZB6 ③ | XBMZBF6 ③ XBMZB6 ③ |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2157 U (XBQT15, XBQT15PE), KEMA 05ATEX2160 U (XBQT25, XBQT25PE).

② For ordering information, see Page 274.

③ For information on Printed Marking Tag Options, see Page 275.

Machine Integration

Terminal Blocks and Accessories

PRODUCT SELECTION

XB Series IEC Terminal Blocks

Insulation Displacement Connection — Multi-Conductor

| Terminal Width Maximum Wire Size Connection Data in V / A / AWG EN 50 019 ① in V / A / AWG UL-cUL Ratings in V / A / AWG | 5.2 mm 16 AWG / 1.5 mm ² 800 / 17.5 / 24-16 550 / 16 / 24-16 600 / 10 / 24-16 | 5.2 mm 16 AWG / 1.5 mm ² — / — / 24-16 — / — / 24-16 — / — / 24-16 | 6.2 mm 14 AWG / 2.5 mm ² 800 / 24 / 20-14 — 600 / 15 / 20-14 | 6.2 mm 14 AWG / 2.5 mm ² — / — / 20-14 — — / — / 20-14 |
|--|--|---|---|---|
| Description | Color | Number of Positions | Catalog Number | |

Product Selection

| | | | | | | |
|--------------------------------------|-------------------|--------|--|--|--|--------------------|
| IDC Terminal Block — Multi-Conductor | Gray Blue | — — | XBQT15D12 XBQT15D22 XBQT15D12BU XBQT15D22BU | — — | XBQT25D12 XBQT25D12BU | — — |
| IDC Ground Block — Multi-Conductor | Green / Yellow | — | — | XBQT15D12PE XBQT15D22PE | — | XBQT25D12PE |

Accessories

| | | | | | | |
|---|----------------|-------------------------|---|---|---|---|
| End Cover | Gray | — | XBACQT15D12 XBACQT15D22 | XBACQT15D12 XBACQT15D22 | XBACQT25D12 | XBACQT25D12 |
| End Cover Segment | Gray | — | XBASQT15 | XBASQT15 | XBASQT25 | XBASQT25 |
| Partition Plate | | | XBATQTD12 XBATQTD22 | XBATQTD12 XBATQTD22 | XBATQTD12 | XBATQTD12 |
| Plug-In Bridge | Red | 2 3 5 10 50 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 XBAFBS505 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 XBAFBS505 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 XBAFBS506 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 XBAFBS506 |
| Test Adapter | | | XBATSPA14 | XBATSPA14 | XBATSPA14 | XBATSPA14 |
| 2.3 mm Dia. Test Plug | | | XBATSMPS-_② | XBATSMPS-_② | XBATSMPS-_② | XBATSMPS-_② |
| Modular Test Plug | | | XBATSPS5 | XBATSPS5 | XBATSPS6 | XBATSPS6 |
| Blank Marker Strip Center and External Marking Blank Marker Strip Center Labeling (strip of 10) | White White | — — | XBMZBF5_③ XBMZB5_③ | XBMZBF5_③ XBMZB5_③ | XBMZBF6_③ XBMZB6_③ | XBMZBF6_③ XBMZB6_③ |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2157 U (XBQT15D12, XBQT15D12PE), KEMA 05ATEX2160 U (XBQT25D12, XBQT25D12PE).

② For ordering information, see Page 274.

③ For information on Printed Marking Tag Options, see Page 275.

XB Series IEC Terminal Blocks

Insulation Displacement Connection — Double Level

| | | |
|---------------------------------------|------------------------------|------------------------------|
| Terminal Width | 5.2 mm | 5.2 mm |
| Maximum Wire Size | 16 AWG / 1.5 mm ² | 16 AWG / 1.5 mm ² |
| Connection Data in V / A / AWG | 800 / 17.5 / 24-16 | — / — / 24-16 |
| EN 50 019 ① in V / A / AWG | 420 / 15 / 24-16 | — / — / 24-16 |
| UL-cUL Ratings in V / A / AWG | 600 / 10 / 24-16 | — / — / 24-16 |
| Description | Color | Number of Positions |
| Catalog Number | | |

Product Selection

| | | | | |
|-----------------------------------|----------------|--------|------------------------------------|------------------|
| IDC Terminal Block — Double Level | Gray Blue | — — | XBQTT15 XBQTT15BU | — — |
| IDC Ground Block — Double Level | Green / Yellow | — | — | XBQTT15PE |

Accessories

| | | | | |
|--------------------------------|-------|-------------------------|---|---|
| End Cover | Gray | — | XBACQTT15 | XBACQTT15 |
| Partition Plate | | | XBATQTT15 | XBATQTT15 |
| Plug-In Bridge | Red | 2 3 5 10 20 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 XBAFBS505 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 XBAFBS505 |
| Test Adapter | | | XBATSPA14 | XBATSPA14 |
| 2.3 mm Dia. Test Plug | | | XBATSMPS-^② | XBATSMPS-^② |
| Modular Test Plug | | | XBATSPS5 | XBATSPS5 |
| Blank Marker Strip | White | — | XBMZBF5^③ | XBMZBF5^③ |
| DIN-Rail | | | | |
| 35 mm x 7.5 mm x 2 m (slotted) | | | XBANS3575P | XBANS3575P |
| 35 mm x 7.5 mm x 2 m (solid) | | | XBANS3575U | XBANS3575U |
| 35 mm x 15 mm x 2 m (slotted) | | | XBANS3515P | XBANS3515P |
| 35 mm x 15 mm x 2 m (solid) | | | XBANS3515U | XBANS3515U |
| End-Stop | | | | |
| One-Screw Mounted | | | XBAES35C | XBAES35C |
| Three-Screw Mounted | | | XBAES35T | XBAES35T |
| Snap-On | | | XBAES35N | XBAES35N |

① EU type — examination certificate number: KEMA 05ATEX2157 U.

② For ordering information, see Page 274.

③ For information on Printed Marking Tag Options, see Page 275.

Insulation Displacement Connection Fuse Terminal Blocks

| | |
|---------------------------------------|------------------------------|
| Terminal Width | 6.2 mm |
| Maximum Wire Size | 14 AWG / 2.5 mm ² |
| Connection Data in V / A / AWG | ① / 6.3 / 20-14 |
| UL-cUL Ratings in V / A / AWG | 300 / 15 / 20-14 |
| Description | Color |
| | Number of Positions |
| Catalog Number | |

Product Selection

| | | | |
|---|-------|---|--|
| IDC Fuse Terminal Block | Black | — | XBQT25FBE |
| IDC Fuse Terminal Block With LED 12 – 30V, 1 – 2.5 mA With LED 30 – 60V, 0.8 – 2.0 mA With LED 110 – 250, 0.5 – 2.5 mA | Black | — | XBQT25FBEL24 XBQT25FBEL60 XBQT25FBEL250 |

Accessories

| | | | |
|--|-------|-------------------|---|
| End Cover | Gray | — | XBACQT25D12 |
| Partition Plate | | | XBATQTD12 |
| Plug-In Bridge | Red | 2 3 5 10 | XBAFBS26 XBAFBS36 XBAFBS56 XBAFBS106 |
| Test Adapter | | | XBATSPA14 |
| 2.3 mm Dia. Test Plug | | | XBATSMPS-^② |
| Modular Test Plug | | | XBATSPS5 |
| Blank Marker Strip Center and External Marking | White | — | XBMZBF6^③ |
| Blank Marker Strip Lever Labeling | White | — | XBMZB5^③ |
| Blank Marker Strip Center Labeling (strip of 10) | White | — | XBMZB6^③ |
| DIN-Rail | | | |
| 35 mm x 7.5 mm x 2 m (slotted) | | | XBANS3575P |
| 35 mm x 7.5 mm x 2 m (solid) | | | XBANS3575U |
| 35 mm x 15 mm x 2 m (slotted) | | | XBANS3515P |
| 35 mm x 15 mm x 2 m (solid) | | | XBANS3515U |
| End Stop | | | |
| One-Screw Mounted | | | XBAES35C |
| Three-Screw Mounted | | | XBAES35T |
| Snap-On | | | XBAES35N |

① As disconnect terminal block, 400V; as fuse terminal block, 250V.

② For ordering information, see Page 274.

③ For information on Printed Marking Tag Options, see Page 275.

Machine Integration

Terminal Blocks and Accessories

PRODUCT SELECTION

XB Series IEC Terminal Blocks

Insulation Displacement Connection Disconnect and Component Terminal Blocks

| Terminal Width | 5.2 mm | 5.2 mm |
|--------------------------------|------------------------------|------------------------------|
| Maximum Wire Size | 16 AWG / 1.5 mm ² | 16 AWG / 1.5 mm ² |
| Connection Data in V / A / AWG | 400 / 16 / 24-16 | 400 / 16 / 24-16 |
| UL-cUL Ratings in V / A / AWG | 600 / 10 / 24-16 | 600 / 10 / 24-16 |

| Description | Color | Number of Positions | Catalog Number |
|-------------|-------|---------------------|----------------|
|-------------|-------|---------------------|----------------|

Product Selection

| Description | Color | Number of Positions | Catalog Number |
|---|-------|---------------------|----------------------|
| IDC Disconnect and Component Terminal Block | Gray | — | XBQT15MT XBQT15TG |

Accessories

| | | | | |
|---|-------|-------------------|--|--|
| End Cover | Gray | — | XBACQT15D12 | XBACQT15D12 |
| End Cover Segment | Gray | — | XBASQT15 | XBASQT15 |
| Partition Plate | | | XBATQTD12 | XBATQTD12 |
| Plug-In Bridge | Red | 2 3 5 10 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 | XBAFBS25 XBAFBS35 XBAFBS55 XBAFBS105 |
| Test Adapter | | | XBATSPA14 | XBATSPA14 |
| 2.3 mm Dia. Test Plug | | | XBATSMPS- ^① | XBATSMPS- ^① |
| Modular Test Plug | | | XBATSPS5 | XBATSPS5 |
| Component Plug | Gray | — | — | XBPCO |
| Fuse Plug | Black | — | — | XBPFU |
| Fuse Plug with light indicator for 12 – 30V | Black | — | — | XBPFUL24 |
| Fuse Plug with light indicator for 110 – 250V | Black | — | — | XBPFUL250 |
| Blank Marker Strip Center and External Marking | White | — | XBMZBF5 ^② | XBMZBF5 ^② |
| Blank Marker Strip Center Labeling (strip of 10) | White | — | XBMZB5 ^② | XBMZB5 ^② |
| DIN-Rail 35 mm x 7.5 mm x 2 m (slotted) 35 mm x 7.5 mm x 2 m (solid) 35 mm x 15 mm x 2 m (slotted) 35 mm x 15 mm x 2 m (solid) | | | XBANS3575P XBANS3575U XBANS3515P XBANS3515U | XBANS3575P XBANS3575U XBANS3515P XBANS3515U |
| End-Stop One-Screw Mounted Three-Screw Mounted Snap-On | | | XBAES35C XBAES35T XBAES35N | XBAES35C XBAES35T XBAES35N |

^① For ordering information, see Page 274.

^② For information on Printed Marking Tag Options, see Page 275.

Miniature Circuit Breakers

| Connection Data in V ac / V dc | | | 250 / 65 |
|--------------------------------|-------|---------------------|----------------|
| Description | Color | Number of Positions | Catalog Number |

Product Selection

| | | | |
|-----------------------------------|-------|---|----------|
| Thermal Miniature Circuit Breaker | Black | — | XBATCPT |
| Nominal Current 0.1A | Black | — | XBATCPQ |
| Nominal Current 0.25A | Black | — | XBATCPH |
| Nominal Current 0.5A | Black | — | XBATCP1 |
| Nominal Current 1.0A | Black | — | XBATCP2 |
| Nominal Current 2.0A | Black | — | XBATCP3 |
| Nominal Current 3.0A | Black | — | XBATCP4 |
| Nominal Current 4.0A | Black | — | XBATCP6 |
| Nominal Current 6.0A | Black | — | XBATCP8 |
| Nominal Current 8.0A | Black | — | XBATCP10 |
| Nominal Current 10.0A | Black | — | |

Accessories

| | | | |
|--------------------|-------|---|----------------------|
| Blank Marker Strip | White | — | XBMZBF5 ^① |
|--------------------|-------|---|----------------------|

^① For information on Printed Marking Tag Options, see Page 275.

Flat-Type Fuse Terminal Blocks

| Terminal Width | 8.2 mm | 8.2 mm |
|--------------------------------|---------------------------|---------------------------|
| Maximum Wire Size | 8 AWG / 6 mm ² | 8 AWG / 6 mm ² |
| Connection Data in V / A / AWG | 250 / — / 24-8 | 250 / — / 24-8 |
| UL-cUL Ratings in V / A / AWG | 300 / 30 / 26-8 | 300 / 30 / 26-8 |

| Description | Color | Number of Positions | Catalog Number |
|-------------|-------|---------------------|----------------|
|-------------|-------|---------------------|----------------|

Product Selection

| | | | | |
|---|-------|---|----------|-------------|
| Flat-Type Fuse Terminal Block | Black | — | XBUK6FSI | — |
| Flat-Type Fuse Terminal Block With LED Red 12V dc, 2.0 mA | Black | — | — | XBUK6FSIL12 |
| With LED Red 24V dc, 2.0 mA | Black | — | — | XBUK6FSIL24 |

Accessories

| | | | | |
|----------------------------------|-------|---|--------|--------|
| Blank Marker Strip (strip of 10) | White | — | XBMZB8 | XBMZB8 |
|----------------------------------|-------|---|--------|--------|

^① For information on Printed Marking Tag Options, see Page 275.

XB Series IEC Terminal Blocks

Spring Cage Fuse Terminal Blocks

| | | |
|---------------------------------------|----------------------------------|----------------------------------|
| Terminal Width | 8.2 mm | 8.2 mm |
| Maximum Wire Size | 10 AWG / 4 mm² | 10 AWG / 4 mm² |
| Connection Data in V / A / AWG | 400 / 30 / 28-10 | 400 / 30 / 28-10 |
| UL-cUL Ratings in V / A / AWG | 300 / 30 / 24-10 | 300 / 30 / 24-10 |
| Description | Color | Number of Positions |
| Catalog Number | | |

Product Selection

| | | | | |
|---|-------|---|-----------------|--------------------|
| Spring Cage Fuse Terminal Block | Black | — | XBPT4FSI | — |
| Spring Cage Fuse Terminal Block With LED Red 12V dc, 2.0 mA | Black | — | — | XBPT4FSIL12 |
| Spring Cage Fuse Terminal Block With LED Red 24V dc, 2.0 mA | Black | — | — | XBPT4FSIL24 |

Accessories

| | | | | |
|--|-------|---|------------------------------|------------------------------|
| Test Adapter | | | XBATSPA14 | XBATSPA14 |
| 2.3 mm Dia. Test Plug | | | XBATSMPS-^① | XBATSMPS-^① |
| Modular Test Plug | | | XBATSPS8 | XBATSPS8 |
| Blank Marker Strip External Marking | White | — | XBMZBF8^② | XBMZBF8^② |
| Blank Marker Strip Center Labeling (strip of 10) | White | — | XBMZB8^② | XBMZB8^② |

① For ordering information, see Page 274.

② For information on Printed Marking Tag Options, see Page 275.


Machine Integration

Terminal Blocks and Accessories


PRODUCT SELECTION

XB Series IEC Terminal Block Accessories


End-Stops

| | Description | Std. Pack | Size | Catalog Number |
|---|---------------------|-----------|----------------|----------------------|
|  | Snap-On End Stops | 50 | 35 mm | XBAES35N |
| | Universal End Stops | 50 50 | 35 mm 35 mm | XBAES35T XBAES35C |

DIN-Rails — 35 x 7.5 mm x 2 m



| | Std. Pack | Size | Catalog Number |
|---|-----------|------|----------------|
|  | Slotted | 25 | XBANS3575P |

Marker Strips (Strip of 10)


| | Terminal Width (mm) | Std. Pack | Catalog Number | |
|---|---------------------|-----------|----------------|--|
|  | 5.2 | 10 | XBMZB5 | |
| | 6.2 | 10 | XBMZB6 | |
| | 8.2 | 10 | XBMZB8 | |
| | 10.2 | 10 | XBMZB10 | |
| | 12 | 10 | XBMZB12 | |
| | 16 | 10 | XBMZB15 ① | |
| | Flat | | | |
| | 5.2 | 10 | XBMZBF5 | |
| | 6.2 | 10 | XBMZBF6 | |
| | 8.2 | 10 | XBMZBF8 | |
| 10.2 | 10 | XBMZBF10 | | |
| 12 | 10 | XBMZBF12 | | |
| 16 | 10 | XBMZBF15 | | |

① All markers are strips of 10, except XBMZB15 which is a strip of 5.

Marker Sheets



| | Terminal Width (mm) | Color | Std. Pack | Catalog Number |
|--|---|--------|------------|----------------|
|  | Marker Sheets (10 rows of 12) | | | |
| | 5.2 | White | 50 | XBMPZB5 |
| | 5.2 | Blue | 50 | XBMPZB5BU |
| | 5.2 | Red | 50 | XBMPZB5RD |
| | 5.2 | Yellow | 50 | XBMPZB5YE |
| | 5.2 | Green | 50 | XBMPZB5GN |
|  | Marker Sheets (10 rows of 10) | | | |
| | 6.2 | White | 50 | XBMPZB6 |
| | 6.2 | Blue | 50 | XBMPZB6BU |
| | 6.2 | Red | 50 | XBMPZB6RD |
| | 6.2 | Yellow | 50 | XBMPZB6YE |
| | 6.2 | Green | 50 | XBMPZB6GN |
| | Flat Marker Sheets (10 rows of 10) | | | |
| | 5.2 | White | 10 | XBMPZBF5 |
| | 5.2 | Orange | 10 | XBMPZBF5OG |
| | 6.2 | White | 10 | XBMPZBF6 |
| 6.2 | Orange | 10 | XBMPZBF6OG | |
| 8.2 | White | 10 | XBMPZBF8 | |

Test Plugs

| | Std. Pack | Color | Catalog Number |
|--|---------------|-------------|----------------|
|  | 2.3 mm | | |
| | 10 | — | XBATSMPSMT |
| | 10 | Blue | XBATSMPSIHBU |
| | 10 | White | XBATSMPSIHHW |
| | 10 | Red | XBATSMPSIHRD |
| | 10 | Black | XBATSMPSIHBK |
| | 4 mm | | |
| | 10 | — | XBATSPSMT |
| | 10 | Blue | XBATSPSIHBU |
| | 10 | White | XBATSPSIHHW |
| 10 | Red | XBATSPSIHRD | |
| 10 | Black | XBATSPSIHBK | |

XB Series IEC Terminal Block Accessories

Printed Marking Tags

| Description | | Catalog Number |
|--|---|---|
|  Terminal Block Marking Tags | Marking Tags for 5.2 mm Wide Terminal Blocks | |
| | ZB5 Tags Vertically Numbered | 1 – 10 ① XBMZB5V/1 11 – 20 XBMZB5V/11 21 – 30 XBMZB5V/21 31 – 40 XBMZB5V/31 41 – 50 XBMZB5V/41 51 – 60 XBMZB5V/51 61 – 70 XBMZB5V/61 71 – 80 XBMZB5V/71 81 – 90 XBMZB5V/81 91 – 100 XBMZB5V/91 |
|  Horizontally Printed Marking Tags | Marking Tags for 6.2 mm Wide Terminal Blocks | |
| | ZB6 Tags Vertically Numbered | 1 – 10 ① XBMZB6V/1 11 – 20 XBMZB6V/11 21 – 30 XBMZB6V/21 31 – 40 XBMZB6V/31 41 – 50 XBMZB6V/41 51 – 60 XBMZB6V/51 61 – 70 XBMZB6V/61 71 – 80 XBMZB6V/71 81 – 90 XBMZB6V/81 91 – 100 XBMZB6V/91 |
| ZBF5 Tags Vertically Numbered | | 1 – 10 ① XBMZBF5V/1 11 – 20 XBMZBF5V/11 21 – 30 XBMZBF5V/21 31 – 40 XBMZBF5V/31 41 – 50 XBMZBF5V/41 51 – 60 XBMZBF5V/51 61 – 70 XBMZBF5V/61 71 – 80 XBMZBF5V/71 81 – 90 XBMZBF5V/81 91 – 100 XBMZBF5V/91 |

① For text printed horizontally, change "V" in Catalog Number to "H."

Printed Marking Tags (Continued)

| Description | | Catalog Number |
|--|---|----------------|
| Marking Tags for 8.2 mm Wide Terminal Blocks | | |
| ZB8 Tags Vertically Numbered | 1 – 10 ① XBMZB8V/1 11 – 20 XBMZB8V/11 21 – 30 XBMZB8V/21 31 – 40 XBMZB8V/31 41 – 50 XBMZB8V/41 51 – 60 XBMZB8V/51 61 – 70 XBMZB8V/61 71 – 80 XBMZB8V/71 81 – 90 XBMZB8V/81 91 – 100 XBMZB8V/91 | |
| ZBF8 Tags Vertically Numbered | 1 – 10 ① XBMZBF8V/1 11 – 20 XBMZBF8V/11 21 – 30 XBMZBF8V/21 31 – 40 XBMZBF8V/31 41 – 50 XBMZBF8V/41 51 – 60 XBMZBF8V/51 61 – 70 XBMZBF8V/61 71 – 80 XBMZBF8V/71 81 – 90 XBMZBF8V/81 91 – 100 XBMZBF8V/91 | |
| Marking Tags for 10.2 mm Wide Terminal Blocks | | |
| ZB10 Tags Vertically Numbered | 1 – 10 ① XBMZB10V/1 11 – 20 XBMZB10V/11 21 – 30 XBMZB10V/21 | |
| ZBF10 Tags Vertically Numbered | 1 – 10 ① XBMZBF10V/1 11 – 20 XBMZBF10V/11 21 – 30 XBMZBF10V/21 | |
| Marking Tags for 12 mm Wide Terminal Blocks | | |
| ZB12 Tags Vertically Numbered | 1 – 10 ① XBMZB12V/1 11 – 20 XBMZB12V/11 21 – 30 XBMZB12V/21 | |
| ZBF12 Tags Vertically Numbered | 11 – 10 ① XBMZBF12V/1 11 – 20 XBMZBF12V/11 21 – 30 XBMZBF12V/21 | |
| Marking Tags for 16 mm Wide Terminal Blocks | | |
| ZB15 Tags Vertically Numbered | 11 – 10 ① XBMZB15V/1 11 – 20 XBMZB15V/11 21 – 30 XBMZB15V/21 | |
| ZBF15 Tags Vertically Numbered | 1 – 10 ① XBMZBF15V/1 11 – 20 XBMZBF15V/11 21 – 30 XBMZBF15V/21 | |

① For text printed horizontally, change "V" in Catalog Number to "H."

Machine Integration