



QBLOK SERIES

DISTRIBUTION TERMINAL BOARDS



- Suitable for DIN rail or panel mounting
- High number of connection points
- IPXXB protection degree according to IEC60529
- Compact dimension



[1] for details, see the installation manual

| VERSIONS | CODE TYPE | QBLOK1P080E QBLOK1P080A07E | QBLOK1P125E QBLOK1P125A08E | QBLOK1P160E QBLOK1P160A08E |
|----------|-----------|-------------------------------|-------------------------------|-------------------------------|
|----------|-----------|-------------------------------|-------------------------------|-------------------------------|

TECHNICAL CHARACTERISTICS

| | | | | | |
|--|--|------------------------|-----------------------------|------------------------------|------------------------------|
| Number x section of holes | A | 1 x 16 mm ² | 1 x 35 mm ² | 1 x 70 mm ² | |
| | B | 2 x 16 mm ² | 1 x 16 mm ² | 1 x 16 mm ² | |
| | C | 4 x 6 mm ² | 6 x 16 mm ² | 6 x 16 mm ² | |
| | D | - | - | - | |
| Rated cross-section | | (mm ²) | 16 | 35 | 70 |
| Connection capacity of input A | Flexible | (mm ²) | 6 - 16 | 10 - 35 | 10 - 70 |
| | Rigid | (mm ²) | 6 - 16 | 10 - 35 | 10 - 70 |
| | Max.flexible with ferrule - ferrule type | (mm ²) | 10 | 25 | 50 |
| | Power supply bar - l x S | (mm) | - | - | - |
| Connection capacity of output B | Flexible | (mm ²) | 2.5 - 16 | 6 - 16 | 6 - 16 |
| | Rigid | (mm ²) | 2.5 - 16 | 6 - 16 | 6 - 16 |
| | Max.flexible with ferrule | (mm ²) | 10 | 10 | 10 |
| Connection capacity of output C | Flexible | (mm ²) | 2.5 - 6 | 2.5 - 16 | 2.5 - 16 |
| | Rigid | (mm ²) | 2.5 - 6 | 2.5 - 16 | 2.5 - 16 |
| | Max.flexible with ferrule | (mm ²) | 4 | 10 | 10 |
| Connection capacity of output D | Flexible | (mm ²) | - | - | - |
| | Rigid | (mm ²) | - | - | - |
| | Max.flexible with ferrule | (mm ²) | - | - | - |
| Electrical characteristics According to European standard IEC EN 60947-7-1 | Max AC/DC Voltage | (V) | 1000/1000 | 1000/1000 | 1000/1000 |
| | Max current with rated cross-section | (A) | 80 | 125 | 160 |
| | Section | Caliber | - | - | - |
| Electrical characteristics According to UL | Max AC/DC Voltage | (V) | 600/600 | 600/600 | 600/600 |
| | Max current with rated cross-section | (A) | 85 | 150 | 200 |
| | Section Min-Max | (AWG) | A: 16-4 / B: 16-4 / C: 16-8 | A: 8-1/0 / B: 14-2 / C: 14-4 | A: 8-3/0 / B: 14-2 / C: 14-4 |
| Thigtening torque | | (lb.in) | A: 19.5 / B: 19.5 / C: 10.6 | A: 57.0 / B: 31.0 / C: 31.0 | A: 75.0 / B: 31.0 / C: 31.0 |
| Short term current allowed (I _{cw}) (value effective for 1s) | | (kA) | 3 | 4.2 | 11.8 |
| Peak current (ICC) | | (kA) | 22 | 30 | 30 |
| Rated impulse withstand voltage / pollution degree | | | 4kV / 3 | 4kV / 3 | 4kV / 3 |
| Insulation stripping lenght | | (mm) | A: 17.0 / B: 17.0 / C: 10.2 | [1] | [1] |
| Tightening torque | | (Nm) | A: 3.5 | A: 8.5 | A: 8.5 |
| | | (Nm) | B: 3.5 | B: 3.5 | B: 3.5 |
| | | (Nm) | C: 1.2 | C: 3.5 | C: 3.5 |
| Width | | | 65 | 76 | 76 |
| Thickness | | | 27.2 | 29 | 29 |
| Height on TH/35 7.5 mm | | | 47.5 | 47.5 | 47.5 |
| Height on TH/35 15 mm | | | 55 | 55 | 55 |
| Quantity per pack | | | 1 | 1 | 1 |

APPROVALS





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- Compact dimension

NEW



NEW



NEW



[1] for details, see the installation manual

| VERSIONS | CODE TYPE | QBLOK1P250E QBLOK1P250A12E | QBLOK1P400E QBLOK1P400A12E | QBLOK1P500E QBLOK1P500A12E |
|----------|-----------|-------------------------------|-------------------------------|-------------------------------|
|----------|-----------|-------------------------------|-------------------------------|-------------------------------|

TECHNICAL CHARACTERISTICS

| | | | | |
|--|--|---|---|------------------------------------|
| Number x section of holes | A | 1 x 120 mm ² | 1 x 185 mm ² | 8x24x1 - 2x20x1 mm (barra) |
| | B | 2 x 35 mm ² | 2 x 35 mm ² | 2 x 35 mm ² |
| | C | 5 x 16 mm ² | 5 x 16 mm ² | 5 x 16 mm ² |
| | D | 4 x 10 mm ² | 4 x 10 mm ² | 4 x 10 mm ² |
| Rated cross-section | (mm ²) | 120 | 185 | - |
| Connection capacity of input A | Flexible | (mm ²) 35 - 120 | 95 - 185 | - |
| | Rigid | (mm ²) 35 - 120 | 95 - 185 | - |
| | Max.flexible with ferrule - ferrule type | (mm ²) 95 | 150 | - |
| | Power supply bar - l x S | (mm) - | - | 8x24x1 - 2x20x1 mm |
| Connection capacity of output B | Flexible | (mm ²) 6 - 35 | 6 - 35 | 6 - 35 |
| | Rigid | (mm ²) 6 - 35 | 6 - 35 | 6 - 35 |
| | Max.flexible with ferrule | (mm ²) 25 | 25 | 25 |
| Connection capacity of output C | Flexible | (mm ²) 2.5 - 16 | 2.5 - 16 | 2.5 - 16 |
| | Rigid | (mm ²) 2.5 - 16 | 2.5 - 16 | 2.5 - 16 |
| | Max.flexible with ferrule | (mm ²) 10 | 10 | 10 |
| Connection capacity of output D | Flexible | (mm ²) 2.5 - 10 | 2.5 - 10 | 2.5 - 10 |
| | Rigid | (mm ²) 2.5 - 10 | 2.5 - 10 | 2.5 - 10 |
| | Max.flexible with ferrule | (mm ²) 6 | 6 | 6 |
| Electrical characteristics According to European standard IEC EN 60947-7-1 | Max AC/DC Voltage | (V) 1000/1000 | 1000/1000 | 1000/1000 |
| | Max current with rated cross-section | (A) 250 | 400 | 500 |
| | Section | Caliber - | - | - |
| Electrical characteristics According to UL | Max AC/DC Voltage | (V) 600/600 | 600/600 | 600/600 |
| | Max current with rated cross-section | (A) 255 | 335 | 335 |
| | Section Min-Max | (AWG) A: 6-250kcmil / B: 10-1 / C: 14-4 / D: 14-6 | A: 3/0-400kcmil / B: 10-1 / C: 14-4 / D: 14-6 | A: - / B: 10-1 / C: 14-4 / D: 14-6 |
| Thigtening torque | (lb.in) A: 168 / B: 39 / C: 24 / D: 24 | A: 221 / B: 39 / C: 24 / D: 24 | A: 120 / B: 39 / C: 24 / D: 24 | |
| Short term current allowed (I _{cw}) (value effective for 1s) | (kA) 24.5 | 24.5 | 24.5 | |
| Peak current (ICC) | (kA) 51 | 51 | 51 | |
| Rated impulse withstand voltage / pollution degree | 4kV / 3 | 4kV / 3 | 4kV / 3 | |
| Insulation stripping lenght | (mm) [1] | [1] | [1] | |
| Tightening torque | (Nm) A: 19 | A: 25 | A: 13.5 | |
| | (Nm) B: 4.4 | B: 4.4 | B: 4.4 | |
| | (Nm) C, D: 2.7 | C, D: 2.7 | C, D: 2.7 | |
| Width | 96 | 96 | 95 | |
| Thickness | 47 | 47 | 47 | |
| Height on TH/35 7.5 mm | 51 | 51 | 51 | |
| Height on TH/35 15 mm | 58.5 | 58.5 | 58.5 | |
| Quantity per pack | 1 | 1 | 1 | |

APPROVALS





QBLOK SERIES

DISTRIBUTION TERMINAL BOARDS



- bipolar distribution terminal board
- Easy installation
- Insulating screen for each conducting busbar
- Power supply holes intentionally offset to simplify wiring
- Conforming to EN 60947-7-1
- Zinc-plated steel screws with combined single-slot
- Transparent polycarbonate, self-extinguishing



| VERSIONS | CODE TYPE | QBLOK2100 QBLOK2P100A7 | QBLOK2125 QBLOK2P125A11 | QBLOK2126 QBLOK2P125A15 |
|----------|-----------|---------------------------|----------------------------|----------------------------|
|----------|-----------|---------------------------|----------------------------|----------------------------|

TECHNICAL CHARACTERISTICS

| | | | | | |
|--|--|--------------------|------------------|-------------------|--------------|
| Number and diameter of holes | | 2 x 7.5 mm holes | 2 x 9 mm holes | 2 x 9 mm holes | |
| | | 5 x 5.4 mm holes | 2 x 7.5 mm holes | 2 x 7.5 mm holes | |
| | | - | 7 x 5.4 mm holes | 11 x 5.4 mm holes | |
| Rated cross-section | (mm ²) | 25 | 35 | 35 | |
| Connecting capacity of power supply hole 9 mm | Flexible | (mm ²) | - | 10-35 | |
| | Rigid | (mm ²) | - | 10-35 | |
| | Max.flexible with ferrule - ferrule type | (mm) | - | 25-WP 250/29 | 25-WP 250/29 |
| Connecting capacity of power supply hole 7.5 mm | Flexible | (mm ²) | 10-25 | 10-25 | |
| | Rigid | (mm ²) | 10-25 | 10-25 | |
| | Max.flexible with ferrule - ferrule type | (mm) | 16-WP 160/22 | 16-WP 160/22 | 16-WP 160/22 |
| Connecting capacity of power supply hole 5.4 mm | Flexible | (mm ²) | 2.5 - 6 | 2.5 - 6 | |
| | Rigid | (mm ²) | 2.5 - 6 | 2.5 - 6 | |
| | Max.flexible with ferrule - ferrule type | (mm) | 4-WP 40/16 | 4-WP 40/16 | 4-WP 40/16 |
| Electrical characteristics According to European standard IEC EN 60947-7-1 | Max AC/DC Voltage | (V) | 1000 | 1000 | 1000 |
| | Max current with rated cross-section | (A) | 101 | 125 | 125 |
| | Section | Caliber | - | - | - |
| Short term current allowed (I _{cw}) [value effective for 1s] | (kA) | 6 | 4.2 | 4.2 | |
| Peak current according to EN 60947-1 (ICC) | (kA) | 20 | 19 | 19 | |
| Rated impulse withstand voltage / pollution degree | | 8kV / 3 | 8kV / 3 | 8kV / 3 | |
| Insulation stripping length | (mm) | 13 | 13 | 13 | |
| Tightening torque | (Nm) | 2 / 2.5 | 2 / 2.5 | 2 / 2.5 | |
| Width | | 49 | 49 | 49 | |
| Thickness | | 72 | 109 | 137 | |
| Height on TH/35 7.5 mm | | 52 | 52 | 52 | |
| Height on TH/35 15 mm | | 59 | 59 | 59 | |
| Quantity for package | | 4 | 2 | 2 | |

APPROVALS



| ACCESSORIES | | | |
|-------------|-----------------------|-------------------------|-------------------------|
| Marking tag | | CNU/8/51 [cod. NU0851S] | CNU/8/51 [cod. NU0851S] |
| End bracket | Snap-fit TH35 and G32 | BTU [cod. BT005] | BTU [cod. BT005] |
| | Snap-fit TH35 | BTO [cod. BT007] | BTO [cod. BT007] |
| | Screw TH35 | BT/3 [cod. BT003] | BT/3 [cod. BT003] |



QBLOK SERIES

DISTRIBUTION TERMINAL BOARDS



- four-pole distribution terminal boards
- Easy installation
- Insulating screen for each conducting busbar
- Power supply holes intentionally offset to simplify wiring
- Conforming to EN 60947-7-1
- Zinc-plated steel screws with combined single-slot
- Transparent polycarbonate, self-extinguishing



| VERSIONS | CODE TYPE | QBLOK4100 QBLOK4P100A7 | QBLOK4125 QBLOK4P125A11 | QBLOK4126 QBLOK4P125A15 |
|----------|-----------|---------------------------|----------------------------|----------------------------|
|----------|-----------|---------------------------|----------------------------|----------------------------|

| TECHNICAL CHARACTERISTICS | | | | |
|--|--|--------------------|------------------|-------------------|
| Number and diameter of holes | | 2 x 7.5 mm holes | 2 x 9 mm holes | 2 x 9 mm holes |
| | | 5 x 5.4 mm holes | 2 x 7.5 mm holes | 2 x 7.5 mm holes |
| | | - | 7 x 5.4 mm holes | 11 x 5.4 mm holes |
| Rated cross-section | (mm ²) | 25 | 35 | 345 |
| Connecting capacity of power supply hole 9 mm | Flexible | (mm ²) | - | 10-35 |
| | Rigid | (mm ²) | - | 10-35 |
| | Max.flexible with ferrule - ferrule type | (mm) | - | 25-WP 250/29 |
| Connecting capacity of power supply hole 7.5 mm | Flexible | (mm ²) | 10-25 | 10-25 |
| | Rigid | (mm ²) | 10-25 | 10-25 |
| | Max.flexible with ferrule - ferrule type | (mm) | 16-WP 160/22 | 16-WP 160/22 |
| Connecting capacity of power supply hole 5.4 mm | Flexible | (mm ²) | 2.5 - 6 | 2.5 - 6 |
| | Rigid | (mm ²) | 2.5 - 6 | 2.5 - 6 |
| | Max.flexible with ferrule - ferrule type | (mm) | 4-WP 40/16 | 4-WP 40/16 |
| Electrical characteristics According to European standard IEC EN 60947-7-1 | Max AC/DC Voltage | (V) | 500 | 500 |
| | Max current with rated cross-section | (A) | 101 | 125 |
| | Section | Caliber | - | - |
| Short term current allowed (I _{cw}) [value effective for 1s] | (kA) | 6 | 4.2 | 4.2 |
| Peak current according to EN 60947-1 (ICC) | (kA) | 20 | 19 | 19 |
| Rated impulse withstand voltage / pollution degree | | 8kV / 3 | 8kV / 3 | 8kV / 3 |
| Insulation stripping length | (mm) | 13 | 13 | 13 |
| Tightening torque | (Nm) | 2 / 2.5 | 2 / 2.5 | 2 / 2.5 |
| Width | | 97 | 97 | 97 |
| Thickness | | 72 | 108 | 137 |
| Height on TH/35 7.5 mm | | 52 | 52 | 52 |
| Height on TH/35 15 mm | | 59 | 59 | 59 |
| Quantity for package | | 2 | 1 | 1 |

| APPROVALS | | | |
|-----------|--|--|--|
|-----------|--|--|--|

| ACCESSORIES | | | | |
|-------------|-----------------------|-------------------------|-------------------------|-------------------------|
| Marking tag | | CNU/8/51 [cod. NU0851S] | CNU/8/51 [cod. NU0851S] | CNU/8/51 [cod. NU0851S] |
| End bracket | Snap-fit TH35 and G32 | BTU [cod. BT005] | BTU [cod. BT005] | BTU [cod. BT005] |
| | Snap-fit TH35 | BTO [cod. BT007] | BTO [cod. BT007] | BTO [cod. BT007] |
| | Screw TH35 | BT/3 [cod. BT003] | BT/3 [cod. BT003] | BT/3 [cod. BT003] |



QBLOK SERIES

DISTRIBUTION TERMINAL BOARDS



- four-pole distribution terminal boards
- Easy installation
- Insulating screen for each conducting busbar
- Power supply holes intentionally offset to simplify wiring
- Conforming to EN 60947-7-1
- Zinc-plated steel screws with combined single-slot
- Transparent polycarbonate, self-extinguishing



| VERSIONS | CODE | QBLOK4160S | QBLOK4161N |
|----------|------|--------------|---------------|
| | TYPE | QBLOK4P160A9 | QBLOK4P160A14 |

TECHNICAL CHARACTERISTICS

| | | | |
|--|--|--------------------|------------------|
| Number and diameter of holes | | 1 x 11 mm hole | 1 x 11 mm hole |
| | | 2 x 8.5 mm holes | 4 x 8.5 mm holes |
| | | 6 x 6.5 mm holes | 9 x 6.5 mm holes |
| Rated cross-section | (mm ²) | 50 | 50 |
| Connecting capacity of power supply hole 11 mm | Flexible | (mm ²) | 10 – 50 |
| | Rigid | (mm ²) | 10 – 50 |
| | Max.flexible with ferrule - ferrule type | (mm) | 35-WP 350/30 |
| Connecting capacity of power supply hole 8.5 mm | Flexible | (mm ²) | 10-35 |
| | Rigid | (mm ²) | 10-35 |
| | Max.flexible with ferrule - ferrule type | (mm) | 25-WP 250/29 |
| Connecting capacity of power supply hole 6.5 mm | Flexible | (mm ²) | 2.5-16 |
| | Rigid | (mm ²) | 2.5-16 |
| | Max.flexible with ferrule - ferrule type | (mm) | 16-WP 160/22 |
| Electrical characteristics According to European standard IEC EN 60947-7-1 | Max AC/DC Voltage | (V) | 500 |
| | Max current with rated cross-section | (A) | 160 |
| | Section | Caliber | - |
| Short term current allowed (I _{cw}) (value effective for 1s) | (kA) | 6 | 6 |
| Peak current according to EN 60947-1 (ICC) | (kA) | 28 | 28 |
| Rated impulse withstand voltage / pollution degree | | 8kV / 3 | 8kV / 3 |
| Insulation stripping length | (mm) | 13 | 13 |
| Tightening torque | (Nm) | 2 / 2.5 | 2 / 2.5 |
| Width | | 99 | 99 |
| Thickness | | 131 | 181 |
| Height on TH/35 7.5 mm | | 54 | 54 |
| Height on TH/35 15 mm | | 61 | 61 |
| Quantity for package | | 1 | 1 |

APPROVALS



| ACCESSORIES | | | |
|-------------|-----------------------|-------------------------|-------------------------|
| Marking tag | | CNU/8/51 (cod. NU0851S) | CNU/8/51 (cod. NU0851S) |
| End bracket | Snap-fit TH35 and G32 | BTU (cod. BT005) | BTU (cod. BT005) |
| | Snap-fit TH35 | BTO (cod. BT007) | BTO (cod. BT007) |
| | Screw TH35 | BT/3 (cod. BT003) | BT/3 (cod. BT003) |