

# QBLOK series

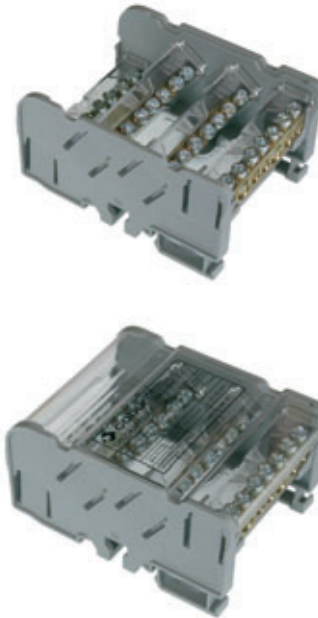


## Applications

Distribution terminal boards

## General characteristics

- Four pole configuration, with 2  $\varnothing$  7,5 mm holes and 5  $\varnothing$  5,4 mm holes
- Mounting onto PR/3, type "TH/35 " rails according to IEC 60715 Std. or directly onto the panel
- Insulating supports in polyamide 6.6 and insulating cover in polycarbonate - UL94V-0 grade
- Insulating cover on each conducting body
- Feeding inputs in staggered position for easier conductor connection
- Marking possibility with CNU/8 or CNU/10 tags on each busbar
- IMQ approval in conformity to EN 60947-7-1 Std.



| VERSION  | QBLOK4P100A7<br>Cat. No. QBLOK4100                          | QBLOK4P125A11<br>Cat. No. QBLOK4125  | QBLOK4P125A15<br>Cat. No. QBLOK4126   |
|--|---|--|---|
| height / width / thickness                                   | TH/35 7,5 mm  | 52 / 97 / 71   | 52 / 97 / 108   |
| height / width / thickness                                   | TH/35 15 mm   | 59 / 97 / 71   | 59 / 97 / 108   |
| <b>TECHNICAL CHARACTERISTICS</b>                             |   |  |   |
| function / type  | Distribution 4-pole terminal board                          | Distribution 4-pole terminal board   | Distribution 4-pole terminal board  |
| number and diameter of holes                                 | 2 holes $\varnothing$ 7.5 mm + 5 holes $\varnothing$ 5.4 mm | 2 holes $\varnothing$ 9 mm + 2 holes $\varnothing$ 7,5 mm + 7 holes $\varnothing$ 5.4 mm | 2 holes $\varnothing$ 9 mm + 2 holes $\varnothing$ 7,5 mm + 11 holes $\varnothing$ 5,4 mm |
| rated cross-section (mm <sup>2</sup> )                       | 25  | 35   | 35  |
| connecting capacity (hole $\varnothing$ 9 mm):               |   |  |   |
| flexible (mm <sup>2</sup> )                                  |   | 10 ÷ 35  | 10 ÷ 35   |
| rigid (mm <sup>2</sup> )                                     |   | 10 ÷ 35  | 10 ÷ 35   |
| max. flexible with ferrule (mm <sup>2</sup> )-ferrule type   |   | 25 - WP 250/29   | 25 - WP 250/29  |
| connecting capacity (hole $\varnothing$ 9 mm):               |   |  |   |
| flexible (mm <sup>2</sup> )                                  | 10 ÷ 25   | 10 ÷ 25  | 10 ÷ 25   |
| rigid (mm <sup>2</sup> )                                     | 10 ÷ 25   | 10 ÷ 25  | 10 ÷ 25   |
| max. flexible with ferrule (mm <sup>2</sup> )-ferrule type   | 16 - WP160/22   | 16 - WP 160/22   | 16 - WP 160/22  |
| connecting capacity (hole $\varnothing$ 5,4 mm):             |   |  |   |
| flexible (mm <sup>2</sup> )                                  | 2,5 ÷ 6   | 2,5 ÷ 6  | 2,5 ÷ 6   |
| rigid (mm <sup>2</sup> )                                     | 2,5 ÷ 6   | 2,5 ÷ 6  | 2,5 ÷ 6   |
| max. flexible with ferrule (mm <sup>2</sup> )-ferrule type   | 4 - WP40/16   | 4 - WP 40/16   | 4 - WP 40/16  |
| rated voltage / rated current / gauge conf. to IEC 60947-7-1 | 500 V / 100 A / -   | 500 V / 125 A / -  | 500 V / 125 A / -   |
| Short-time withstand current (Icw) conf. to IEC 60947-7-1    | 3 kA (r.m.s value x 1s)                                     | 3 kA (r.m.s value x 1s)  | 3 kA (r.m.s value x 1s)   |
| rated impulse withstand voltage / pollution degree           | 8 kV / 3  | -  | -   |
| insulation stripping length (mm)                             | 13  | 13   | 13  |
| tightening torque value (test / max) (Nm)                    | 1,8 / 2,2 Nm  | 1,8 / 2,2 Nm   | 1,8 / 2,2 Nm  |

## APPROVALS



| ACCESSORIES                               | Type             | Cat. No.  | Type  | Cat. No.  | Type  | Cat. No.  |
|---|------------------|---|---|---|---|---|
| Marking tag                               | printed or blank | CNU/8/51/... NU0851...<br>CNU/10/51/... NU1051...                   | CNU/8/51/... NU0851...<br>CNU/10/51/... NU1051...                   | CNU/8/51/... NU0851...<br>CNU/10/51/... NU1051...                   | CNU/8/51/... NU0851...<br>CNU/10/51/... NU1051...                   | CNU/8/51/... NU0851...<br>CNU/10/51/... NU1051...                   |
| End bracket                               |                  | BTU for PR/DIN and PR/3 BT005<br>BT/3-BTO for PR/3 only BT003-BT007 | BTU for PR/DIN and PR/3 BT005<br>BT/3-BTO for PR/3 only BT003-BT007 | BTU for PR/DIN and PR/3 BT005<br>BT/3-BTO for PR/3 only BT003-BT007 | BTU for PR/DIN and PR/3 BT005<br>BT/3-BTO for PR/3 only BT003-BT007 | BTU for PR/DIN and PR/3 BT005<br>BT/3-BTO for PR/3 only BT003-BT007 |
| Mounting rail according to IEC 60715 Std. |                  | PR/3/AC in acciaio PR003<br>PR/3/AS idem con asole PR005            | PR/3/AC in acciaio PR003<br>PR/3/AS idem con asole PR005            | PR/3/AC in acciaio PR003<br>PR/3/AS idem con asole PR005            | PR/3/AC in acciaio PR003<br>PR/3/AS idem con asole PR005            | PR/3/AC in acciaio PR003<br>PR/3/AS idem con asole PR005            |