



| Product designation                           |        | Power<br>distribution block |
|---|--------|-----------------------------|
| Electrical features                           |        |                             |
| Number of poles                               |        | 1                           |
| Rated insulation voltage Ui                   | V      | 1000                        |
| IEC Conventional free air thermal current Ith | А      | 255                         |
| Rated peak withstand current lpk              | kA     | 51                          |
| Rated short time current Icw 1s               | kA     | 24.5                        |
| Short circuit rating (UL)                     | kA     | 10                          |
| Connections                                   |        |                             |
| Terminal hole diameter_Option 1               | mm     | 1x16mm                      |
| Conductor section connectable_Option 1        |        |                             |
|   | mm2    | 35120                       |
|   | AWG    | 6250 Kcmil                  |
| Tightening torque Max_Option 1                |        |                             |
|   | Nm     | 19                          |
|   | lbin   | 168                         |
| Terminal hole diameter_Option 2               | mm     | 2x9.5mm                     |
| Conductor section connectable_Option 2        |        |                             |
|   | mm2    | 635                         |
|   | AWG    | 141                         |
| Tightening torque Max_Option 2                |        |                             |
|   | Nm     | 4.4                         |
|   | lbin   | 39                          |
| Terminal hole diameter_Option 3               | mm     | 5x7.5mm                     |
| Conductor section connectable_Option 3        |        |                             |
|   | mm2    | 2.516                       |
|   | AWG    | 144                         |
| Tightening torque Max_Option 3                |        |                             |
|   | Nm     | 2.7                         |
|   | lbin   | 24                          |
| Terminal hole diameter_Option 4               | mm     | 4x6mm                       |
| Conductor section connectable_Option 4        |        |                             |
|   | mm2    | 2.510                       |
|   | AWG    | 146                         |
| Tightening torque Max_Option 4                |        |                             |
|   | Nm     | 2.7                         |
|   | lbin   | 24                          |
| Mechanical features                           |        |                             |
| Operating position                            |        |                             |
|   | normal | Vertical plane              |
| allo  | owable | Any                         |
| Fixing  |        | Screw / DIN rail<br>35mm    |
| Metric Allen Key                              | mm     | 3-4-5-8                     |

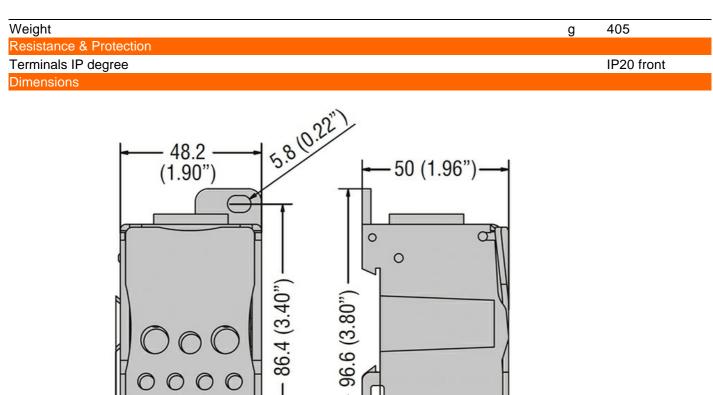
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## ACB1P255A12

POWER DISTRIBUTION BLOCK, SINGLE-POLE, 255A, 12 TERMINALS

ENERGY AND AUTOMATION



6.1 (0.24"

Compliance

Certifications

1.5 (0.06"

ETIM classification

Certifications and compliance

EC000066 - Power contactor, AC switching

cURus

IEC/EN/BS 60947-7-1