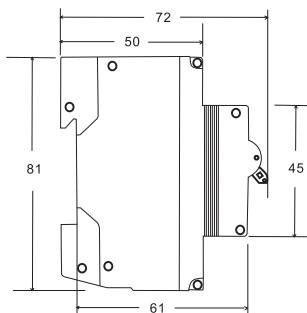
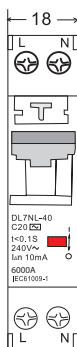




 **Mikro**®

PRODUCT CATALOGUE

2014



TECHNICAL DATA 2 Poles RCBOs

| | |
|--|----------------------|
| Standards | AS/NZS 61009 - 1 |
| Magnetic tripping characteristics | B, C |
| Residual tripping characteristics | A, AC |
| Rated current | 6,10,16,20,25,32,40A |
| Rated residual current | 10mA, 30 mA, 100mA |
| Calibration temperature | 30°C |
| Rated voltage 1P | 240V |
| Frequency | 50/60 |
| Maximum service voltage | 264 |
| Minimum service voltage | 50 |
| Power supply | Top or bottom |
| Selectivity class | 3 |
| Short circuit capacity | 4500A / 6000A |
| Isolation application (IEC 60947-2) | Yes |
| Insulation resistance (Mohm) | 1,000 |
| Insulation voltage (V) | 500 |
| Endurance (operations) electrical | 10,000 |
| mechanical | 20,000 |
| Protection degree outside | IP20 |
| inside enclosure | IP40 |
| Self extinguishing degree (UL 94) | V2 |
| Tropicalisation (IEC 60068-2) | +55°C/95% RH |
| Operating temperature | -5/+55°C |
| Storage temperature | -25/+70°C |
| Terminal capacity(top & bottom) min / max | 1-16mm |
| Terminal torque (top / bottom) | 3 |
| Busbar systems | Yes |
| Accessories | No |
| Dimensions (mm) | 72(H)81(L)18(W) |
| Weight (g) | 105 |

Features and Advantages



The slimmest 6kA RCBO in this world

The newest design compared with competitors.

Genuine 6kA fault level

Suitable for residential and commercial applications.

Top and bottom line and load compatible

Newest design for easy installation.

Two pole safety feature allows switching of both Active and Neutral contacts.

Type A RCBO protection guarantees complete safety.

Single module is ideal to save valuable switchboard space.

| Magnetic Tripping Characteristic | Breaking Capacity (A) | Rated Current (A) | Residual Current (mA) | Cat. No. | | Magnetic Tripping Characteristic | Breaking Capacity (A) | Rated Current (A) | Residual Current (mA) | Cat. No. | |
|----------------------------------|-----------------------|-------------------|-----------------------|------------|-------------|----------------------------------|-----------------------|-------------------|-----------------------|------------|-------------|
| | | | | A type | AC type | | | | | A type | AC type |
| B, C Curve | 6000 | 6 | 10 | 7NL0610AN | 7NL0610ACN | B, C Curve | 4500 | 6 | 10 | 7NL0610AL | 7NL0610ACL |
| | | | 30 | 7NL0630AN | 7NL0630ACN | | | | 30 | 7NL0630AL | 7NL0630ACL |
| | | | 100 | 7NL06100AN | 7NL06100ACN | | | | 100 | 7NL06100AL | 7NL06100ACL |
| | | 10 | 10 | 7NL1010AN | 7NL1010ACN | | | 10 | 10 | 7NL1010AL | 7NL1010ACL |
| | | | 30 | 7NL1030AN | 7NL1030ACN | | | | 30 | 7NL1030AL | 7NL1030ACL |
| | | | 100 | 7NL10100AN | 7NL10100ACN | | | | 100 | 7NL10100AL | 7NL10100ACL |
| | | 16 | 10 | 7NL1610AN | 7NL1610ACN | | | 16 | 10 | 7NL1610AL | 7NL1610ACL |
| | | | 30 | 7NL1630AN | 7NL1630ACN | | | | 30 | 7NL1630AL | 7NL1630ACL |
| | | | 100 | 7NL16100AN | 7NL16100ACN | | | | 100 | 7NL16100AL | 7NL16100ACL |
| | | 20 | 10 | 7NL2010AN | 7NL2010ACN | | | 20 | 10 | 7NL2010AL | 7NL2010ACL |
| | | | 30 | 7NL2030AN | 7NL2030ACN | | | | 30 | 7NL2030AL | 7NL2030ACL |
| | | | 100 | 7NL20100AN | 7NL20100ACN | | | | 100 | 7NL20100AL | 7NL20100ACL |
| | | 25 | 10 | 7NL2510AL | 7NL2510ACL | | | 25 | 10 | 7NL2510AL | 7NL2510ACL |
| | | | 30 | 7NL2530AL | 7NL2530ACL | | | | 30 | 7NL2530AL | 7NL2530ACL |
| | | | 100 | 7NL25100AL | 7NL25100ACL | | | | 100 | 7NL25100AL | 7NL25100ACL |
| | | 32 | 10 | 7NL3210AL | 7NL3210ACL | | | 32 | 10 | 7NL3210AL | 7NL3210ACL |
| | | | 30 | 7NL3230AL | 7NL3230ACL | | | | 30 | 7NL3230AL | 7NL3230ACL |
| | | | 100 | 7NL32100AL | 7NL32100ACL | | | | 100 | 7NL32100AL | 7NL32100ACL |
| 40 | 10 | 7NL4010AL | 7NL4010ACL | 40 | 10 | 7NL4010AL | 7NL4010ACL | | | | |
| | 30 | 7NL40530AL | 7NL40530ACL | | 30 | 7NL40530AL | 7NL40530ACL | | | | |
| | 100 | 7NL40100AL | 7NL40100ACL | | 100 | 7NL40100AL | 7NL40100ACL | | | | |



Mikro Sdn Bhd

Add: No.1, Jalan TP 7/7, Sime UEP Industrial Park,
40400 Shah Alam, Selangor, Malaysia.

Tel: +60-3-5192 7155

Fax: +60-3-5192 7166

E-mail: sales@itmikro.com



Scan this QR code for more information on this company