



## TECHNICAL DATA 2 Poles RCBOs

<b>Standards</b>	AS/NZS 61009 - 1
<b>Magnetic tripping characteristics</b>	B, C
<b>Residual tripping characteristics</b>	A, AC
<b>Rated current</b>	6,10,16,20,25,32,40A
<b>Rated residual current</b>	10mA, 30 mA, 100mA
<b>Calibration temperature</b>	30°C
<b>Rated voltage 1P</b>	240V
<b>Frequency</b>	50/60
<b>Maximum service voltage</b>	264
<b>Minimum service voltage</b>	50
<b>Power supply</b>	Top or bottom
<b>Selectivity class</b>	3
<b>Short circuit capacity</b>	4500A / 6000A
<b>Isolation application (IEC 60947-2)</b>	Yes
<b>Insulation resistance (Mohm)</b>	1,000
<b>Insulation voltage (V)</b>	500
<b>Endurance (operations) electrical</b>	10,000
<b>mechanical</b>	20,000
<b>Protection degree outside</b>	IP20
<b>inside enclosure</b>	IP40
<b>Self extinguishing degree (UL 94)</b>	V2
<b>Tropicalisation (IEC 60068-2)</b>	+55°C/95% RH
<b>Operating temperature</b>	-5/+55°C
<b>Storage temperature</b>	-25/+70°C
<b>Terminal capacity(top &amp; bottom) min / max</b>	1-16mm
<b>Terminal torque (top / bottom)</b>	3
<b>Busbar systems</b>	Yes
<b>Accessories</b>	No
<b>Dimensions (mm)</b>	72(H)81(L)18(W)
<b>Weight (g)</b>	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.	
				A type	AC type
B, C Curve	6000	6	10	7NL0610AN	7NL0610ACN
			30	7NL0630AN	7NL0630ACN
			100	7NL06100AN	7NL06100ACN
		10	10	7NL1010AN	7NL1010ACN
			30	7NL1030AN	7NL1030ACN
			100	7NL10100AN	7NL10100ACN
		16	10	7NL1610AN	7NL1610ACN
			30	7NL1630AN	7NL1630ACN
			100	7NL16100AN	7NL16100ACN
		20	10	7NL2010AN	7NL2010ACN
			30	7NL2030AN	7NL2030ACN
			100	7NL20100AN	7NL20100ACN

Magnetic Tripping Characteristic	Breaking Capacity (A)	Rated Current (A)	Residual Current (mA)	Cat. No.	
				A type	AC type
B, C Curve	4500	6	10	7NL0610AL	7NL0610ACL
			30	7NL0630AL	7NL0630ACL
			100	7NL06100AL	7NL06100ACL
		10	10	7NL1010AL	7NL1010ACL
			30	7NL1030AL	7NL1030ACL
			100	7NL10100AL	7NL10100ACL
		16	10	7NL1610AL	7NL1610ACL
			30	7NL1630AL	7NL1630ACL
			100	7NL16100AL	7NL16100ACL
		20	10	7NL2010AL	7NL2010ACL
			30	7NL2030AL	7NL2030ACL
			100	7NL20100AL	7NL20100ACL
		25	10	7NL2510AL	7NL2510ACL
			30	7NL2530AL	7NL2530ACL
			100	7NL25100AL	7NL25100ACL
		32	10	7NL3210AL	7NL3210ACL
			30	7NL3230AL	7NL3230ACL
			100	7NL32100AL	7NL32100ACL
		40	10	7NL4010AL	7NL4010ACL
			30	7NL40530AL	7NL4030ACL
			100	7NL40100AL	7NL40100ACL