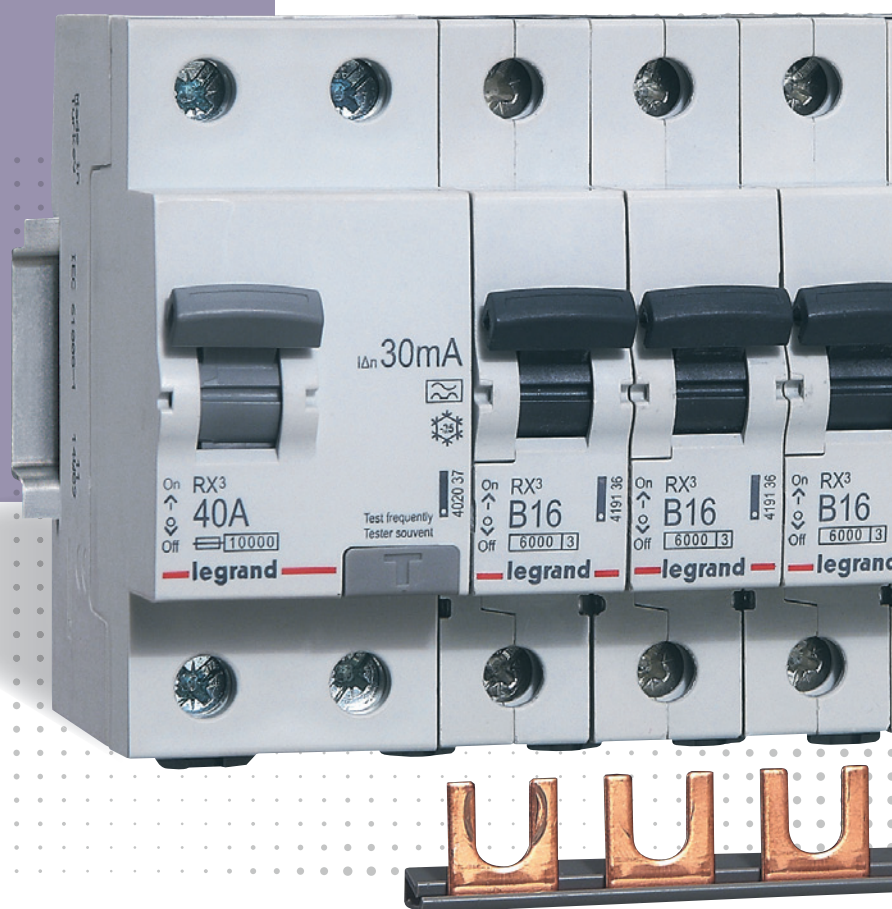


# RX<sup>3</sup>

## ESSENTIAL PROTECTION



--> CATALOGUE PAGES INSIDE

THE **GLOBAL SPECIALIST**  
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand**<sup>®</sup>

# NEW RX<sup>3</sup> RANGE ESSENTIAL PROTECTION

The new RX<sup>3</sup> range of RCCBs and MCBs provides a response to the essential requirements on residential or small business sites, protecting against short-circuits, overloads and residual current faults.



## RCCBs



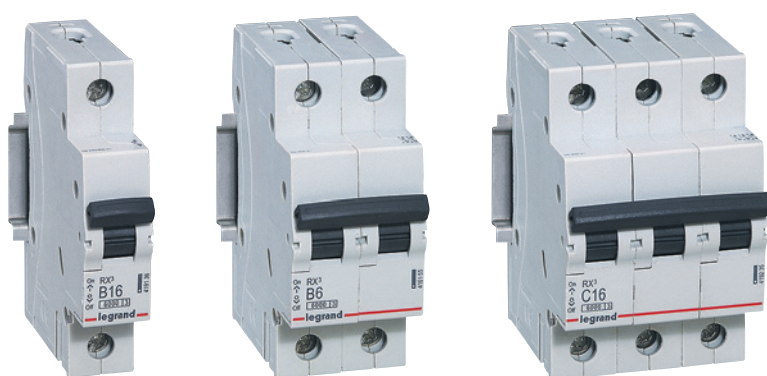
THE BREADTH OF THE  
RANGE COVERS  
THE ESSENTIAL  
REQUIREMENTS OF SITES:  
2 CURVES, 1 BREAKING  
CAPACITY AND RESIDUAL  
CURRENT PROTECTION

- $I_n = 25$  to  $80$  A
- 2P and 4P
- Sensitivity:  
AC type 30/100/300 mA - A type 30 mA
- Conform to standard IEC 61008-1



IDEAL FOR BUILDINGS IN  
THE RESIDENTIAL AND  
SMALL BUSINESS SECTORS  
(OFFICES, SHOPS, ETC.)

## THERMAL-MAGNETIC CIRCUIT BREAKERS



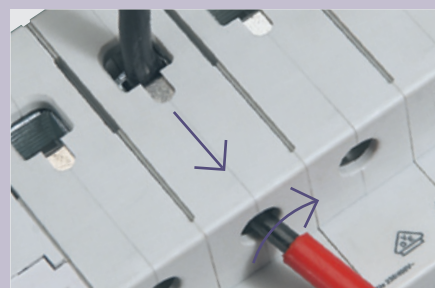
- $I_n = 6$  to  $63$  A
- 1P/2P/3P
- Breaking capacity  $6000$  at  $230/400$  V~
- Breaking capacity  $10000$  at  $127/220$  V~
- B and C curve
- Conform to standard IEC 60898-1

# NEW RX<sup>3</sup> RANGE

## SAFE, RELIABLE AND EASY TO INSTALL

### SAFE, EASY WIRING:

- IP2X insulated terminals
- Large capacity terminals 35 mm<sup>2</sup>
- Rising clamp terminals
- Compatible with Phillips or flat screwdriver



### QUICK IDENTIFICATION OF THE FUNCTIONS

- 2 handle colours:
- Black for circuit breakers
  - Grey for RCCBs

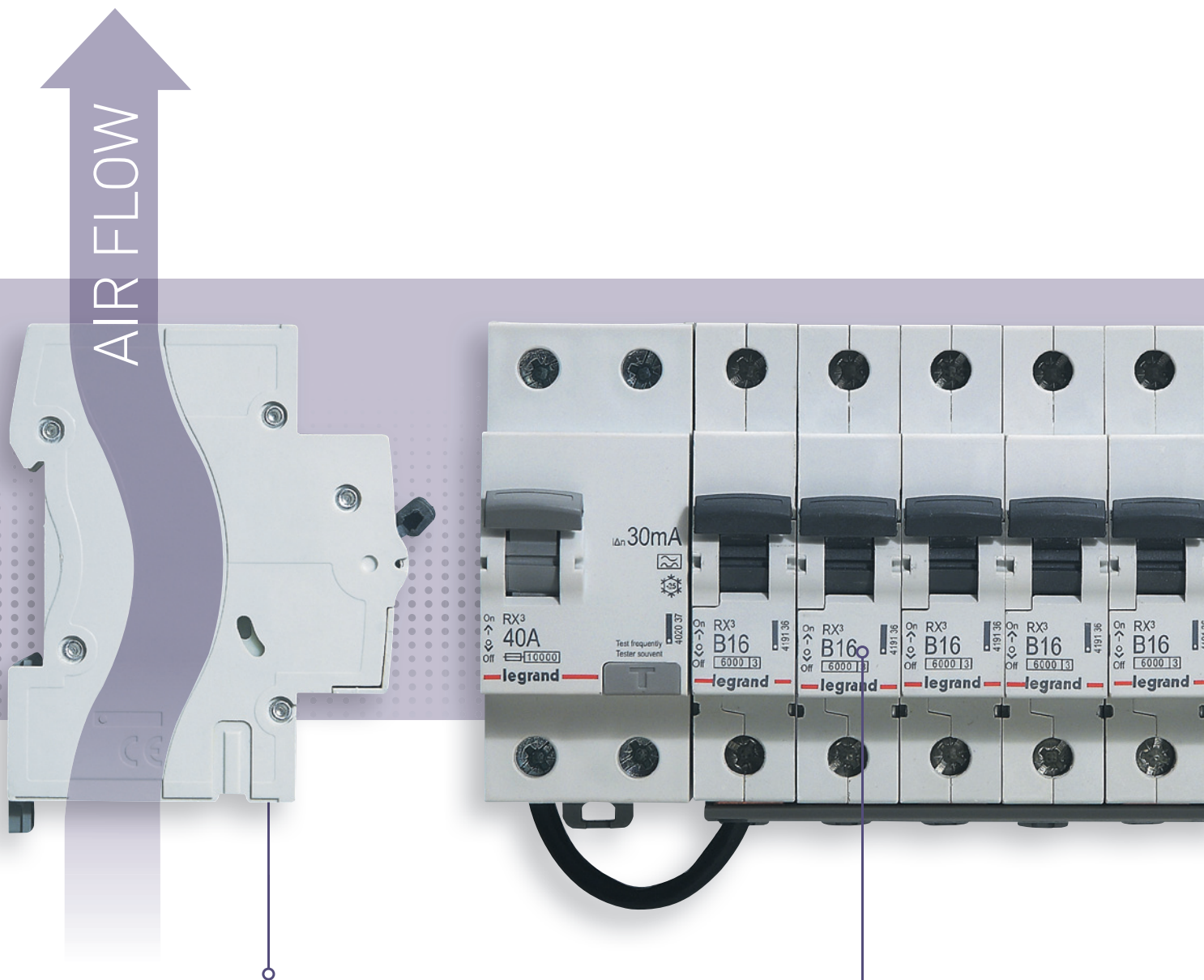
### SIMPLE, VISIBLE MARKING

- Easy to use, visible marking area whatever the position of the handle
- Clear, simple, indelible marking for easy identification of the product

### BISTABLE CLAMPS:

- Easy positioning or removal of the product on its DIN rail





### COPYTRACER - THE FIGHT AGAINST COUNTERFEITING

A unique serial number is printed on our circuit breakers which allows customers to check the authenticity of the product using the online Copytracer facility at [www.legrand-copytracer.com](http://www.legrand-copytracer.com)



### AN ATTRACTIVE, WELL THOUGHT-OUT DESIGN FOR SAFETY AND COMFORT

- A well-designed shape and careful choice of material for the devices enables air to circulate, limiting any temperature rise between each circuit breaker
- Neat, attractive finish for greater ease of use

## RX<sup>3</sup> THE GUARANTEE OF A SAFE, RELIABLE RANGE

Long-lasting electrical endurance

**10 000 operations**

Use under extreme conditions

**-25°C to +70°C**

Optimum protection in the event of short-circuits

**Limitation classe 3**

Quality guaranteed by international approvals



## MCBs RX<sup>3</sup> 6000

thermal magnetic MCBs from 6 A to 63 A - B curve



Conform to IEC 60898-1  
Do not accept auxiliaries, and RCD add-on modules  
Compatible with prong-type and fork type supply busbars  
Breaking capacity:  
6000 - IEC 60898-1 - 230/400 V $\sim$   
6 kA - IEC 60947-2 - 230/400 V $\sim$   
10000 - IEC 60898-1 - 127/220 V $\sim$   
10 kA - IEC 60947-2 - 127/220 V $\sim$

Pack	Cat.Nos	Single pole 230/400 V $\sim$	
	B curve	Nominal rating In (A)	Number of modules
12	4 191 33	6	1
12	4 191 34	10	1
12	4 191 35	13	1
12	4 191 36	16	1
12	4 191 37	20	1
12	4 191 38	25	1
12	4 191 39	32	1
12	4 191 40	40	1
12	4 191 41	50	1
12	4 191 42	63	1

Pack	Cat.Nos	2-pole 230/400 V $\sim$	
	B curve	Nominal rating In (A)	Number of modules
6	4 191 55	6	2
6	4 191 56	10	2
6	4 191 57	13	2
6	4 191 58	16	2
6	4 191 59	20	2
6	4 191 60	25	2
6	4 191 61	32	2
6	4 191 62	40	2
6	4 191 63	50	2
6	4 191 64	63	2

Pack	Cat.Nos	3-pole 400 V $\sim$	
	B curve	Nominal rating In (A)	Number of modules
4	4 191 66	6	3
4	4 191 67	10	3
4	4 191 68	13	3
4	4 191 69	16	3
4	4 191 70	20	3
4	4 191 71	25	3
4	4 191 72	32	3
4	4 191 73	40	3
4	4 191 74	50	3
4	4 191 75	63	3

## MCBs RX<sup>3</sup> 6000

thermal magnetic MCBs from 6 A to 63 A - C curve



Conform to IEC 60898-1  
Do not accept auxiliaries, and RCD add-on modules  
Compatible with prong-type and fork type supply busbars  
Breaking capacity:  
6000 - IEC 60898-1 - 230/400 V $\sim$   
6 kA - IEC 60947-2 - 230/400 V $\sim$   
10000 - IEC 60898-1 - 127/220 V $\sim$   
10 kA - IEC 60947-2 - 127/220 V $\sim$

Pack	Cat.Nos	Single pole 230/400 V $\sim$	
	C curve	Nominal rating In (A)	Number of modules
12	4 191 99	6	1
12	4 192 00	10	1
12	4 192 01	13	1
12	4 192 02	16	1
12	4 192 03	20	1
12	4 192 04	25	1
12	4 192 05	32	1
12	4 192 06	40	1
12	4 192 07	50	1
12	4 192 08	63	1

Pack	Cat.Nos	2-pole 230/400 V $\sim$	
	C curve	Nominal rating In (A)	Number of modules
6	4 192 21	6	2
6	4 192 22	10	2
6	4 192 23	13	2
6	4 192 24	16	2
6	4 192 25	20	2
6	4 192 26	25	2
6	4 192 27	32	2
6	4 192 28	40	2
6	4 192 29	50	2
6	4 192 30	63	2

Pack	Cat.Nos	3-pole 400 V $\sim$	
	C curve	Nominal rating In (A)	Number of modules
4	4 192 32	6	3
4	4 192 33	10	3
4	4 192 34	13	3
4	4 192 35	16	3
4	4 192 36	20	3
4	4 192 37	25	3
4	4 192 38	32	3
4	4 192 39	40	3
4	4 192 40	50	3
4	4 192 41	63	3

## RCCBs RX<sup>3</sup>

residual current circuit breakers from 25 A to 80 A - AC and A types



Conform to IEC 61008-1

- AC type : detect AC component faults
- A type : detect AC and DC component faults

Do not accept auxiliaries  
Compatible with prong-type and fork type supply busbars

Pack	Cat.Nos	2-pole - 230 V $\sim$		
		<b>AC type</b>		
		Sensitivity (mA)	In (A)	Number of modules
1	4 020 24	30	25	2
1	4 020 25	30	40	2
1	4 020 26	30	63	2
1	4 020 27	30	80	2
1	4 020 28	100	25	2
1	4 020 29	100	40	2
1	4 020 30	100	63	2
1	4 020 32	300	25	2
1	4 020 33	300	40	2
1	4 020 34	300	63	2
		<b>A type</b>		
1	4 020 36	30	25	2
1	4 020 37	30	40	2
1	4 020 38	30	63	2

Pack	Cat.Nos	4-pole - 400 V $\sim$ neutral on right-hand side		
		<b>AC type</b>		
		Sensitivity (mA)	In (A)	Number of modules
1	4 020 62	30	25	4
1	4 020 63	30	40	4
1	4 020 64	30	63	4
1	4 020 66	100	25	4
1	4 020 67	100	40	4
1	4 020 68	100	63	4
1	4 020 70	300	25	4
1	4 020 71	300	40	4
1	4 020 72	300	63	4
		<b>A type</b>		
1	4 020 74	30	25	4
1	4 020 75	30	40	4
1	4 020 76	30	63	4

## RCCBs RX<sup>3</sup>

technical characteristics

### ■ AC type - Standard applications

AC type RCCBs detect sinusoidal AC residual currents  
In the majority of cases (standard applications), they are used for AC current detection at 50 Hz

### ■ A type - Specific applications: dedicated lines

In addition to the characteristics of AC type RCCBs, A type RCCBs also detect pulsating DC residual currents  
They are used whenever fault currents are not sinusoidal  
They are particularly suitable for the following specific applications :  
hobs, washing machines or materials that may produce DC fault currents, speed drives with frequency inverters, etc.



EXB 14012 - July 2014 - Pictures: istockphoto

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**World Headquarters**  
and International Department  
87045 Limoges Cedex - France  
☎ : + 33 (0) 5 55 06 87 87  
Fax: + 33 (0) 5 55 06 74 55