



NEW TX³ RANGE PROTECTION YOU CAN RELY ON

Designed to meet the requirements of modern installations in residential and commercial applications, Legrand's new TX³ range provides effective protection against short-circuits, overloads and residual current faults. The range. which comprises thermalmagnetic circuit breakers and residual current devices and is complemented by numerous control and signalling auxiliaries, ensures safety, ruggedness and a high build quality for your installations.









RCCBs

- In = from 16 to 80 A
- 2P and 4P (neutral on right-hand side)
- Type AC and A
- Sensitivity: 30, 100, 300 mA
- Compliant with IEC 61008-1













THERMAL-MAGNETIC CIRCUIT BREAKERS

- In = 2 to 63 A
- 1P to 4P
- B and C curves
- \bullet Breaking capacity: 6 000 A and 10 000 A at 230/400V \sim
- Compliant with IEC 60898-1



Common auxiliaries

Legrand offers a wide range of control and signalling auxiliaries common for all circuit breakers and RCCBs in the TX³ and DX³ ranges.

For more information, see p. 6

TX3 - SAFETY ON ALL LEVELS

The new TX³ range ensures safe installation and operation for maximum protection of people and property.





A PRODUCT DESIGNED WITH SAFETY IN MIND

The product design and materials have been carefully developed to allow air to flow freely between each device to avoid overheating.



WIRE GUIDE FLAP

Avoids connection errors for an increased safety level, by preventing insertion of the wire behind the terminal.

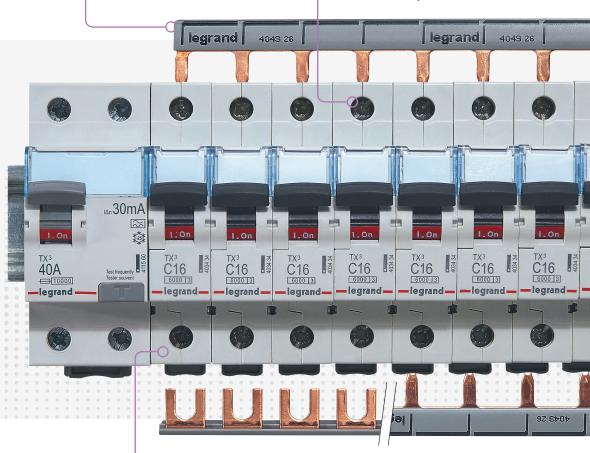


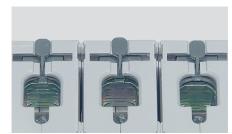
RELIABLE CONNECTIONS

Prong and fork type comb busbars guarantee connection quality by eliminating the risk of short-circuits and ensuring a reliable connection via the top or bottom of the device.

INCREASED SAFETY

IP 2x terminals - no direct contact with live parts, even with the faceplate open. Clamping screw for flat-blade or Pozidriv screwdriver. Reinforced terminals allowing tightening torques higher than those recommended by the standard.





RISING CAGE CLAMP **TERMINALS**

The shape of the screws and terminals ensures excellent mechanical withstand of the wires and limits contact impedance, temperature rise and heat loss.



Bottom terminals compatible with fork or prong type comb busbars.

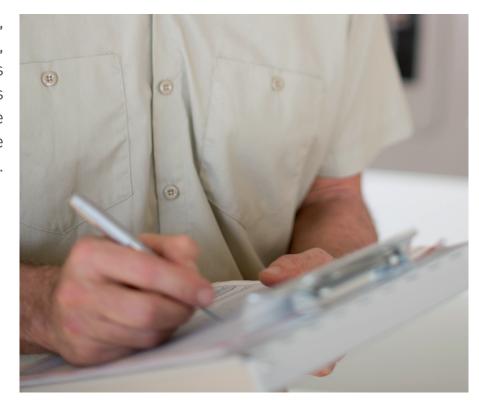


Limitation class 3

Circuit breakers with class 3 limitation provide excellent shortcircuit protection. They limit the short-circuit energy released in cables and hence help to extend the service life of an installation.

TX3 - INSTALLATION AND MAINTENANCE MADE EASY

For ease of installation, wiring and maintenance, the new TX³ range has a number of features which help save time at each stage of a project.





CLEAR MARKING ON THE FRONT PANEL

For quick visual identification of the relevant information - product name, curve type, rating, breaking capacity, limitation class.



TECHNICAL LABELLING AREA

For quick identification of each circuit according to the wiring diagram. The surface of this part of the modular devices has been specially treated to receive a temporary marking (adhesive label, felt pen or pencil).



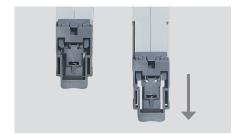
ERGONOMIC LABEL HOLDER

For customisable labels. These holders provide effective, durable protection for the labels which are used to identify circuits clearly for the purposes of rapid intervention in the event of an error.

THE EXTRA-SPACE CLAMP

Ensures even more comfort during installation and allows independent MCB or RCCB removal with supply busbar in place (without removing the other devices on the same row).





BISTABLE CLAMP

For easy positioning or removal of the product on the DIN rail. Compatible with flat-blade or pozidriv screwdrivers. Several additional functions of the DX³ range, such as isolating switches or single pole + neutral RCBOs, are also equipped with this clamp.



Quick visual identification of the function and contacts position

Black handle - circuit breaker Grey handle - RCCB

- I ON marking and red :
- closed contacts
- O OFF marking and green : open contacts

AUXILIARIES OFFERING FLEXIBILITY FOR YOUR INSTALLATIONS

of control and signalling auxiliaries for TX³ circuit breakers and RCCBs to monitor and control circuits remotely. These auxiliaries are used for remote control and information feedback purposes in commercial premises and are also common to the DX³ range.





TOTAL FLEXIBILITY

Auxiliary contacts and fault signal contacts, shunt trips, undervoltage releases and motor-driven controls. Available in 0.5 or 1 module wide. The signalling auxiliaries exist in 2 versions, adapted for fork-type respectively prong-type supply busbars.



MARKINGS ON SIDE PANEL

Technical information, such as identification of the function, schematic, connection and mounting.

RETAINER CLIP

Auxiliaries are equipped with clips for quick, tool-free assembly which ensures a more robust unit.







ACCESSIBLE TERMINALS

Visible, accessible screw heads make wiring easier.



CLEAR MARKING

The arrow on the front of auxiliaries allows instant identification of the device to which they are associated.



Optimised space in the panel

Legrand (ON/OFF) motor-driven control is the most compact on the market at just 1 module wide. These motor-driven controls are used with TX3 circuit breakers and RCCBs.

TX3 - HIGH BUILD QUALITY AND ENVIRONMENTALLY-FRIENDLY

At Legrand, we take pride in the quality of our products. The TX³ range has many approvals issued by independent certification bodies, renowned for their strict requirements.



Rugged reliability

10,000 operations with load Electrical endurance

- 25°C to + 70°C Extreme operating conditions



ECO-FRIENDLY

The TX³ range has been designed to comply with different environmental requirements such as the RoHS Directive.

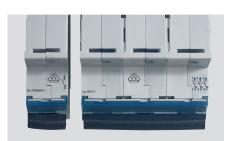






COPYTRACER -THE FIGHT AGAINST COUNTERFEITING

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.



PRODUCTS CERTIFIED ACCORDING TO INTERNATIONAL STANDARDS



Rigorous, recognised approvals such as VDE (Germany) are renewed annually.



Certification of Legrand's production facilities

- ISO 9001 for quality
- ISO 14001 for environmental protection



MCBs TX³ 6000

thermal magnetic MCBs from 2 A to 63 A - B & C curve

MCBs TX³ 10000

thermal magnetic MCBs from 2 A to 63 A - B & C curve













Technical characteristics p. 14

Conform to IEC 60898-1

Conform to IEC 60898-1
Compatible with prong-type and fork type supply busbars
Equipped with special DIN rail clamp allowing independent MCB removal
with supply busbar in place
Breaking capacity:
[6000] - IEC 60898-1 - 230/400 V

6 kA - IEC 60947-2 - 230/400 V

Can be equipped with DX³ signalling and remote tripping auxiliaries and
motorised controls (p. 12-13)



4 041 71

Technical characteristics p. 14

Conform to IEC 60898-1

Conform to IEC 60898-1
Compatible with prong-type and fork type supply busbars
Equipped with special DIN rail clamp allowing independent MCB removal
with supply busbar in place
Breaking capacity:

10000] - IEC 60898-1 - 230/400 V

10 kA - IEC 60947-2 - 230/400 V

Con be equipped with DV3 signalling and remote tripping quvillaries and

Can be equipped with DX³ signalling and remote tripping auxiliaries and motorised controls (p. 12-13)

	d controls (p. 12-13) ccept add-on modu				d controls (p. 12-13) cept add-on module
Pack	Cat.Nos	Single pole 23	0/400 V \sim	Pack	Cat.Nos
10 10 10 10 10 10 10 10 10 10	B curve C curve 4 033 50 4 034 27 4 033 53 4 034 33 4 033 55 4 034 33 4 033 57 4 034 35 4 033 59 4 034 35 4 033 60 4 034 37 4 033 61 4 034 38 4 033 62 4 034 39 4 033 63 4 034 40	Nominal rating In (A) 2 6 10 13 16 20 25 32 40 50 63	Number of modules 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 10 10 10 10 10 10 10 10 10 10	B curve 4 040 78 4 041 64 4 040 81 4 041 67 4 040 82 4 041 70 4 040 84 4 041 71 4 040 85 4 041 72 4 040 86 4 041 73 4 040 87 4 041 74 4 040 88 4 041 75 4 040 89 4 041 76 4 040 90 4 041 77
		2-pole 230/400) V √		
5 5 5 5 5 5 5 5 5 5	B curve C curve 4 033 80 4 035 21 4 033 83 4 035 26 4 033 86 4 035 27 4 033 87 4 035 28 4 033 89 4 035 30 4 033 90 4 035 31 4 033 91 4 035 32 4 033 93 4 035 34 4 035 34	Nominal rating In (A) 2 6 10 13 16 20 25 32 40 50 63	Number of modules 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5 5 5 5 5 5 5 5 5 5 5	B curve 4 041 06 4 041 98 4 041 09 4 042 01 4 042 03 4 041 11 4 042 04 4 041 12 4 042 05 4 041 13 4 042 06 4 041 14 4 042 07 4 041 15 4 042 08 4 041 16 4 042 09 4 041 17 4 042 11 4 041 18 4 042 11
		$oxed{3-pole}$ 400 V \sim	,		
1 1 1 1 1 1 1 1 1	B curve 4 033 95 4 035 38 4 033 98 4 035 41 4 034 00 4 035 43 4 034 02 4 035 45 4 034 03 4 035 46 4 034 04 4 035 47 4 034 05 4 034 06 4 035 49 4 034 07 4 035 50 4 034 08 4 035 51	Nominal rating In (A) 2 6 10 13 16 20 25 32 40 50 63	Number of modules 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1 1 1 1 1 1 1 1 1 1	B curve C curve 4 041 20 4 042 15 4 041 23 4 042 20 4 041 25 4 042 21 4 041 26 4 042 22 4 041 27 4 042 23 4 041 28 4 042 24 4 041 29 4 042 25 4 041 30 4 042 26 4 041 31 4 042 27 4 041 32 4 042 28
		4-pole 400 V \sim	,		

Pack	Cat.Nos	Single pole 23	0/400 V \sim
10 10 10 10 10 10 10 10 10 10	B curve	Nominal rating In (A) 2 6 10 13 16 20 25 32 40 50 63	Number of modules 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		2-pole 230/400) V \sim
55555555555	B curve 4 041 98 4 041 09 4 042 01 4 041 10 4 042 03 4 041 11 4 042 04 4 041 12 4 042 05 4 041 13 4 042 05 4 041 13 4 042 06 4 041 14 4 042 07 4 041 15 4 042 08 4 041 16 4 042 09 4 041 17 4 042 10 4 041 18 4 042 11	Nominal rating In (A) 2 6 10 13 16 20 25 32 40 50 63	Number of modules 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
		3-pole 400 V \sim	,
1 1 1 1 1 1 1 1 1 1	B curve	Nominal rating In (A) 2 6 10 13 16 20 25 32 40 50 63	Number of modules 3 3 3 3 3 3 3 3 3 3 3 3 3 3
		4-pole 400 V \sim	,
1 1 1 1 1 1 1	B curve C curve 4 041 48 4 042 49 4 041 51 4 042 52 4 041 52 4 041 53 4 042 56 4 041 55 4 042 56 4 041 56 4 042 58 4 041 57 4 042 58 4 041 57 4 042 58 4 041 58 4 042 58 4 041 58 4 042 60	Nominal rating In (A) 6 6 10 13 16 20 25 32 40	Number of modules 4 4 4 4 4 4 4 4 4 4

1 1	4 034 07 4 035 5 4 034 08 4 035 5		3 3	1 1	4 041 31 4 042 27 4 041 32 4 042 28		3 3
		- ■ 4-pole 400 V へ	,			4-pole 400 V \sim	
	B curve C curve	Nominal rating In (A)	Number of modules		B curve C curve	Nominal rating In (A)	Number of modules
1	4 034 10 4 035 5	2	4	1	4 041 48 4 042 49	6	4
1	4 034 13 4 035 5		4	1	4 041 51 4 042 52	6	4
1	4 034 15 4 035 6	10	4	1	4 041 52 4 042 54	10	4
1	4 034 16 4 035 6	1 13	4	1	4 041 53 4 042 55	13	4
1	4 034 17 4 035 6	2 16	4	1	4 041 54 4 042 56	16	4
1	4 034 18 4 035 6		4	1	4 041 55 4 042 57	20	4
1	4 034 19 4 035 6	4 25	4	1	4 041 56 4 042 58		4
1	4 034 20 4 035 6	32	4	1	4 041 57 4 042 59	32	4
1	4 034 21 4 035 6	40	4	1	4 041 58 4 042 60	40	4
1	4 034 22 4 035 6	7 50	4	1	4 041 59 4 042 61	50	4
1	4 034 23 4 035 6	63	4	1	4 041 60 4 042 62	63	4
			ı			,	

RCCBs TX³ residual current circuit breakers

from 16 A to 80 A - AC and A types





Technical characteristics p. 14

Conform to IEC 61008-1. Equipped with special DIN clamp allowing independent RCCB removal with supply busbar in place

Pack	Cat.Nos	2-pole - 230 V	\vee	
		AC type 🔼		
		Sensitivity (mA)	In (A)	Number of modules
1	4 115 02	10	16	2
1	4 115 09	30	25	2
1	4 115 10	30	40	2
1	4 115 11	30	63	2
1	4 115 12	30	80	2
1	4 115 19	100	25	2
1	4 115 20	100	40	2
1	4 115 21	100	63	2
1	4 115 22	100	80	2
1	4 115 29	300	25	2
1	4 115 30	300	40	2
1	4 115 31	300	63	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1	4 115 32	300	80	2
		A type 🔀		
1	4 115 52	10	16	2
1	4 115 59	30	25	2
1	4 115 60	30	40	2
1	4 115 61	30	63	2
1	4 115 62	30	80	2
1	4 115 64	100	25	2
1	4 115 65	100	40	2
1	4 115 66	100	63	2
1	4 115 67	100	80	2
1	4 115 74	300	25	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1	4 115 75	300	40	2
1	4 115 76	300	63	2
1	4 115 77	300	80	2

		4-pole 400 V \sim		
		Neutral on right-h	nand side	
		AC type 🗠		
		Sensitivity (mA)	In (A)	Number of modules
1	4 117 07	30	25	2
1	4 117 08	30	40	2
1	4 117 09	30	63	2
1	4 117 10	30	80	2
1	4 117 17	100	25	2
1	4 117 18	100	40	2
1 1	4 117 19	100	63	2
1	4 117 20	100	80	2
1	4 117 27 4 117 28	300 300	25 40	2
1	4 117 29	300	63	2
1	4 117 30	300	80	2 2 2 2 2 2 2 2 2 2 2 2
		A type ⊠	,	_
1	4 117 64	30	25	2
1	4 117 65	30	40	2
1	4 117 66	30	63	2
1	4 117 67	30	80	2
1	4 117 74	100	25	2
1	4 117 75	100	40	2
1	4 117 76	100	63	2
1	4 117 77	100	80	2
1	4 117 84	300	25	2
1	4 117 85	300	40	2
1	4 117 86	300	63	2 2 2 2 2 2 2 2 2 2 2 2
1	4 117 87	300	80	2

AUXILIARIES AND REMOTE CONTROL

Common auxiliaries & remote control

The signalling and remote tripping auxiliaries and the motorised controls are common for DX3 MCBs. RCBOs and RCCBs and TX3 MCBs and RCCBs. Signalling auxiliaries are available in two versions, adapted to the prong or fork type supply busbars.



1 module motorised controls p. 13

COMPACT SIZE

1 module motorised controls for remote tripping of 1-pole to 4-pole modular devices.



Auxiliaries p. 12

EASY TO INSTALL Perfect fitting to

protection devices Easy access and visible terminals Allow insertion of supply busbars



Power overvoltage protection n 12 Motorised control with automatic resetting p. 13

AVAILABLE FUNCTIONS

- auxiliary or fault signal contact
- current shunt trips
- undervoltage releases
- power overvoltage protection
- motorised controls with or without automatic resetting



Signalling and remote tripping auxiliaries DX³















Technical characteristics p. 14

Pack	Cat.Nos	Signalling auxiliaries fork busbar ad	apted
		To fit on the left-hand side of DX³ and TX³ de Maximum number of auxiliaries per device: - 3 signalling auxiliaries or - 2 signalling auxiliaries + 1 remote tripping Allow insertion of supply busbar, bottom sid No tool required for joining together the aux the main device.	auxiliary le
1	4 062 50	Auxiliary contact 6 A - 250 V√(changeover switch) For MCBs, RCBos, RCCBs, isolating switch or remote trip isolating switch Indicates the position of the contacts of its associated device	Number of modules 0.5
1	4 062 52	Fault signalling contact 6 A - 250 V (changeover switch) For MCBs, RCBos, RCCBs, Indicates the fault tripping of its associated device	0.5
1	4 062 56	Auxiliary or fault signalling contact 6 A - 250 V (changeover switch) For MCBs, RCBOs, RCCBs Allows the choice between the two functions	0.5
1	4 062 64	Auxiliary + fault signalling contact or auxiliary contact + auxiliary contact 6 A - 250 V (changeover switch) For MCB, RCBOs, RCCBs	1
			l
		Signalling auxiliaries prong busbar a	dapted
		To fit on the left-hand side of DX³ and TX³ de Maximum number of auxiliaries per device: - 3 signalling auxiliaries or - 2 signalling auxiliaries + 1 remote tripping Allow insertion of the supply busbar, top sid No tool required for joining together the aux	auxiliary e
		To fit on the left-hand side of DX³ and TX³ de Maximum number of auxiliaries per device: - 3 signalling auxiliaries or - 2 signalling auxiliaries + 1 remote tripping Allow insertion of the supply busbar, top sid	auxiliary e
1	4 062 58	To fit on the left-hand side of DX³ and TX³ de Maximum number of auxiliaries per device: - 3 signalling auxiliaries or - 2 signalling auxiliaries + 1 remote tripping Allow insertion of the supply busbar, top sid No tool required for joining together the aux the main device.	auxiliary e iliary and
1	4 062 58 4 062 60	To fit on the left-hand side of DX³ and TX³ de Maximum number of auxiliaries per device: - 3 signalling auxiliaries or - 2 signalling auxiliaries + 1 remote tripping Allow insertion of the supply busbar, top sid No tool required for joining together the aux the main device. Auxiliary contact 6 A - 250 V (changeover switch) For MCBs, RCBOs, RCCBs, isolating switches or remote trip isolating switches Indicates the position of the contacts of its	auxiliary e iliary and
	4 062 60	To fit on the left-hand side of DX³ and TX³ de Maximum number of auxiliaries per device: - 3 signalling auxiliaries or - 2 signalling auxiliaries + 1 remote tripping Allow insertion of the supply busbar, top sid No tool required for joining together the aux the main device. Auxiliary contact 6 A - 250 V (changeover switch) For MCBs, RCBOs, RCCBs, isolating switches or remote trip isolating switches Indicates the position of the contacts of its associated device. Fault signalling contact 6 A - 250 V (changeover switch) For MCBs, RCBOs, RCCBs, Indicates the fault tripping of its associated	auxiliary e iliary and Number of modules 0.5

Pack	Cat.Nos	Remote tripping auxiliaries	
		To fit on the left-hand side of DX³ and TX³ do Maximum 1 remote tripping auxiliary per de Allow insertion of the supply busbar No tool required for joining together the aux the main device. For MCBs, RCBOs, RCCBs and remote trip switches	vice iliary and
1 1	4 062 76 4 062 78	Current shunt trips For remote tripping of its associated device via a N/O push button 12 to 48 V√/ = 110 to 415 V√.	Number of modules
		Undervoltage releases	
		For remote tripping of its associated device of mains voltage drop down or with the help push button	
1	4 062 80	24 to 48 V√/ ==	1
1	4 062 82	230 V√	1
1	4 062 86	Power overvoltage protection (POP) Protects the circuit by tripping its associated device in case of overvoltage between phase and neutral. Tripping threshold: 275 V (eg. in case of neutral failure)	1
		Autonomous shunt trip for N/C push-but	ton
1	4 062 87	230 V ← For remote tripping with positive security on a control circuit via a N/C push-button or emergency stop. Does not trigger its associated device in case of mains power failure (the trigger occurs only after a deliberate action of a N/C push-button). Supplied with battery Mimimum working reserve: 60 hours (for remote tripping even if there is no supply voltage)	1.5
1	4 062 85	Spare battery for autonomous shunt trip Cat.No 4 062 87	•



Motorised controls DX³, STOP&GO automatic resseting

DX³ and accessories





Pack	Cat.Nos	Motorised controls	
		For remote control (openir associated device. To fit on the left-hand side For MCBs, RCBOs, RCCB switches (from 1P to 4P) Can take one control auxil auxiliary. No tool required motorised control and the	of DX³ and TX³ devices s and remote trip isolating iary and one signalling for joining together the
		ON/OFF function - for 1 i	module / pole devices
1	4 062 90 4 062 91	Control voltage	Number of modules 1 1
		ON/OFF function - for 1.5 (In up to 125 A)	5 module / pole devices
1	4 062 92	230 V√	1
1 1	4 062 93 4 062 95	ON/OFF + automatic rest 1 module / pole devices Automatically resets the d associated, thus ensuring 24-48 V√/= 230 V√	(In up to 63 A) evice to which it is
		STOP&GO automatic	resetting
		and RCBOs up to 63 Å STOP&GO is used in the egenerated by temporarily	electrical disturbances or take one control auxiliary y. The signalling auxiliary he STOP&GO and the
		Automatic resetting fund	
1	4 062 88	Control voltage 230 V√	No. of modules
		Automatic resetting + pe	
1	4 062 89	230 V√	2

Pack	Cat.Nos	Manual supply invertor (MSI)
1 1 1	4 063 14 4 063 15 4 063 16	For manually switching between the mains and an alternative power supply. Allow to restore power on pre-designated and/or critical circuits in case of a power failure of the main supply. For DX³ MCBs and remote trip isolating switches Installation principle - see e-catalogue For 2P 2-module devices For 3P 3-module devices For 4P 4-module devices
		Front external rotary handles
1		Allow the manual control (open/close) of a modular device without opening the enclosure For all DX³, TX³ and RX³ devices from 2P upwards Supplied with bracket, connection rod, handle, self-adhesive drilling template and connection accessories Installation principle - see e-catalogue Black handle
1	4 063 20	Yellow and red handle
		Wiring management accessories
1	4 063 05	Insulating shields For 1 module per pole MCBs For separation between the terminals of the MCB, when using high cross section cables
4.0	4 0 0 0 0 7	Spacing unit with feedthrough
10	4 063 07	0.5 module Allows cables to run between two modular devices and creates an air channel in order to limit temperature rise
1 1	4 063 10 4 063 11	Terminals for aluminium cables For 1.5 module/pole MCBs up to 63 A For 1.5 module/pole MCBs and remote trip isolating switches from 80 A to 125 A
		Safety and maintenance accessories
		Sealable screw covers
2 1	4 063 04 4 063 12	For 1 module per pole MCBs (set of 4) For 1.5 module per pole MCBs (set of 4)
1	4 063 06	Terminal shield For 1.5 modulo/pole MCRs (set of 2)
'	4 003 00	For 1.5 module/pole MCBs (set of 2) Padlocking
		To lock the handle of a modular device during
1	0 227 97	maintenance Large padlock, Ø6 mm, 50 mm length
		Supplied with two keys and labels
3 2	4 063 13 4 063 03	Small padlock, Ø5 mm Support for one padlock (for small or large model) For locking the handle of the modular devices (MCBs, RCCBs, RCBOs or isolating switches) in OFF position



Performance of MCBs and auxiliaries

Breaking capacity in IT neutral earthing system

MCB single pole breaking capacity at 400 V according to IEC 60947-2

TX ³ [6000] 6 kA	1P/2P/3P/4P	3 kA
TX ³ 10000 10 kA	1P/2P/3P/4P	4 kA

Breaking capacity in the event of short-circuit to earth and insulation voltage

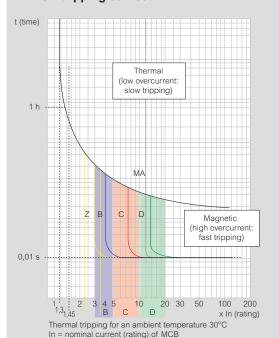
	1P/2P/3P/4P 230/400 V MCBs		
	TX ³ 6000 6 kA	TX ³ 10000 10 kA	
Icn1	6000 A	10000 A	
Ui	500 V	500 V	

Icn 1: Breaking capacity on 1 pole for multipole MCBs in the event of short-circuit to earth
Ui: Rated insulation voltage

Terminal connection cross-sections (mm²)

Copper cable	Rigid	Flexible
TX ³ 6000 6 kA	35	25
TX ³ 10000 10 kA	35	25
Auxiliaries	2.5	2.5

■ MCB tripping curves



Curves	Magnetic threshold	l settings
Z ⁽¹⁾	2.4 to 3.6 In	
В	3 to 5 In	
С	5 to 10 ln	
D	10 to 14 In	(10 to 20 acc. to the stds)
MA ⁽¹⁾	12 to 14 In	

1: On request

Performance of RCCBs

AC type <a>- - Standard applications

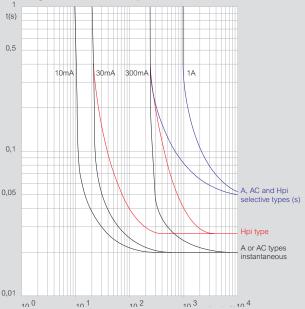
Detection of 50-60 Hz AC residual currents

A type 🖂 - Specific applications: dedicated lines

In addition to the characteristics of AC type add-on modules, A type add-on modules also detect residual currents with DC components. They are used whenever the fault currents are not sinusoidal. They are particularly suitable for the following dedicated line applications:

• On circuits where class 1 equipment may produce fault currents with DC components, such as variable speed drives with frequency inverter, etc.

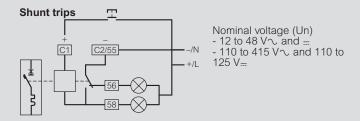
Average residual current performance curves





Technical characteristics of auxiliaries

Max. connection cross-section: $2.5~\text{mm}^2$ Operating temperature: -25°C to $+70^{\circ}\text{C}$



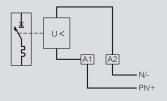
Equipped with a signalling contact which indicates tripping of the

Shunt trip and automatically breaks the coil. Min. and max. voltage: 0.7 to 1.1 Un Tripping time: less than 20 ms Power consumption: at 1.1 x 48 V = 121 VA at 1.1 x 415 V = 127 VA Impedance: 12 to 48 V = 23 Ω 110 to 415 V = 1640 Ω

Consumption	Umin.	Umax.			
12 to 48 V	522 mA	2610 mA			
110 to 415 V	69 mA	259 mA			

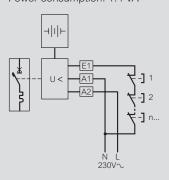
Undervoltage releases

Pull-in voltage \geq 0.55 Un Tripping time: 100 to 400 ms \pm 10% (adjustable) Power consumption: 24 V \(\sigma\) and \(\ext{\pi}: 0.1 \) VA \(48 \) V \(\sigma\) and \(\ext{\pi}: 0.2 \) VA \(230 \) V \(\times: 1 \) VA



Nominal voltage: 24 and 48 V \(\tag{2} and =

Stand-alone releases for N/C push-buttons



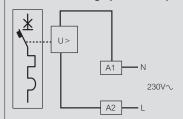
Signalling auxiliaries

Umin.: 24 V√/= and Imin.: 5 mA

Technical characteristics of auxiliaries (continued)

Max. connection cross-section: 2.5 mm² Operating temperature: - 25°C to + 70°C

Power overvoltage protection (POP)



Conform to EN 50550:2010

Mechanical indicator on the front panel:
- red indicator: tripping on a fault (overvoltage)
- transparent window: the power overvoltage protection is ON (armed

position) Power consumption: 0.45 VA at 230 V \sim

	Voltage Ua							
	255 V	275 V	300 V	350 V	400 V			
Maximum actuation time (s)	No tripping	15	5	0.75	0.2			
Maximum non activating time (s)	No tripping	3	1	0.25	0.7			

Compatibility between auxiliaries on

1 module/pole devices

1 module / pole device (auxiliary on the left side)	1st auxiliary	2nd auxiliary	3rd auxiliary	
1st auxiliary	4 062 50/52/56/58/60/ 62/66/76/78/80/ 82/84/86/87	-	-	
On a consiliant	4 062 50/52/56/ 58/60/62	4 062 50/52/56/58/60/62/76/ 78/80/82/84/86/87	-	
2nd auxiliary	4 062 64/66/	4 062 50/52/56/58/60/62/64/ 66/76/78/80/82/84/86/87		
2nd associlians	4 062 50/52/56/ 58/60/62	4 062 50/52/56/58/60/62	4 062	
3rd auxiliary	4 062 64/66	4 062 50/52/56/58/ 60/62/64/66	76/78/80/82/ 84/86/87	



Catalogue number index

Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack	Cat.Nos	Page N°	Pack
	227	00	4 034 19	10	1	4 035 67	10	1	4 041 58	10	1		4 062	00	4 115 21	11	1
l '	J 221	UU	20 21	10 10	1	68	10	1	59 60	10 10	1	1	4 002	00	22	11	1
0 227 97	13	1	22	10	1				64	10	10	4 062 50	12	1	29	11	1
0 221 91	13	1	23	10	1	4	1 040	00	67	10	10	52	12	1	30	11	1
			27	10	10				69	10	10	56	12	1	31	11	1
4	4 033	00	30	10	10	4 040 78	10	10	70	10	10	58	12	1	32	11	1
4 000 50	10	40	32	10	10	81	10	10	71	10	10	60	12	1	52 59	11	1
4 033 50 53	10 10	10 10	33	10	10	82	10	10	72	10	10	62	12	1	60	11	1
55	10	10	34	10	10	83 84	10 10	10 10	73	10	10	64	12	1	61	11 11	1
56	10	10	35 36	10 10	10 10	85	10	10	74 75	10 10	10 10	66	12	1	62	11	1
57	10	10	37	10	10	86	10	10	76	10	10	76	12	1	64	11	1
58	10	10	38	10	10	87	10	10	77	10	10	78 80	12 12	1	65	11	1
59	10	10	39	10	10	88	10	10	98	10	5	82	12	1	66	11	1
60	10	10	40	10	10	89	10	10				85	12	1	67	11	1
61	10	10				90	10	10		1 042	nn	86	12	1	74	11	1
62	10	10		4 035	00				'	T U42	00	87	12	1	75	11	1
63	10	10		+ 000	00	4	1 041	00	4 0 40 04	40	_	88	13	1	76	11	1
80 83	10 10	5	4 035 21	10	5				4 042 01 03	10 10	5	89	13	1	77	11	1
85	10	5	24	10	5	4 041 06	10	5	03	10	5	90	13	1	, ,		l '
86	10	5	26	10	5	09	10	5	05	10	5	91	13	1		4 4 4 7	00
87	10	5	27	10	5	10	10	5	06	10	5	92	13	1	'	4 117	UU
88	10	5	28	10	5	11	10	5	07	10	5	95	13 13	1			
89	10	5	29	10	5	12	10	5	08	10	5	33	10	'	4 117 07	11	1
90	10	5	30	10	5	13	10	5	09	10	5		4 000	00	08	11	1
91	10	5	31	10	5	14	10	5	10	10	5	'	4 063	00	09	11	1
92	10	5	32	10	5	15 16	10 10	5	11	10	5				10	11	1
93 95	10 10	5	33	10 10	5	17	10	5	15 18	10 10	1	4 063 03	13	2	17	11	1
98	10	1	38	10	1	18	10	5	20	10	1	04	13 13	2	18	11	1
30	10	'	41	10	1	20	10	1	21	10	1	06	13	1	19	11	1
	4 00 4	00	43	10	1	23	10	1	22	10	1	07	13	10	20	11	1
	4 034	UU	44	10	1	24	10	1	23	10	1	10	13	1	27	11	1
4 00 1 0	, -		45	10	1	25	10	1	24	10	1	11	13	1	28	11	1
4 034 00	10	1	46	10	1	26	10	1	25	10	1	12	13	1	29	11	1
01 02	10 10	1	47	10	1	27 28	10 10	1	26	10	1	13	13	3	30	11	1
02	10	1	48	10 10	1	28	10	1	27 28	10 10	1	19	13	1	64	11 11	1
04	10	1	50	10	1	30	10	1	49	10	1	20	13	1			
05	10	1	51	10	1	31	10	1	52	10	1				66	11 11	1
06	10	1	55	10	1	32	10	1	54	10	1	4	4 115	00	74	11	1
07	10	1	58	10	1	48	10	1	55	10	1				74	11	1
08	10	1	60	10	1	51	10	1	56	10	1	4 115 02	11	1	76	11	1
10	10	1	61	10	1	52	10	1	57	10	1	09	11	1	77	11	1
13	10	1	62	10	1	53	10	1	58	10	1	10	11	1	84	11	1
15	10	1	63	10	1	54	10	1	59	10	1	11	11	1	85	11	1
16 17	10 10	1	64 65	10 10	1	55 56	10 10	1	60	10 10	1	12 19	11 11	1	86	11	1
18	10	1	66	10	1	57	10	1	62	10	1	20	11	1	87	11	1
10	10	ľ		10	l	31	10	l '	02	10	'	20		l	01		'



Dlegrand

Head office

and International Department 87045 Limoges Cedex - France Tel.: + 33 (0) 5 55 06 87 87 Fax: + 33 (0) 5 55 06 74 55

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Circuit Breakers category:

Click to view products by Legrand manufacturer:

Other Similar products are found below:

M39019/04-249S M39019/04-313S M55629/1-001 M55629/1-016 M55629/1-018 M55629/1-021 M55629/1-033 M55629/1-036 M55629/1-036 M55629/1-046 M55629/1-048 M55629/1-058 M55629/1-060 M55629/1-067 M55629/1-070 M55629/1-079 M55629/1-084 M55629/1-085 M55629/1-085 M55629/1-010 M55629/1-108 M55629/1-109 M55629/1-102 M55629/1-120 M55629/12-045 M55629/12-046 M55629/1-243 M55629/1-330 M55629/1-331 M55629/1-351 M55629/1-366 M55629/1-387 M55629/1-388 M55629/1-401 M55629/1-430 M55629/1-450 M55629/1-453 M55629/2-022 M55629/2-037 M55629/2-082 M55629/2-099 M55629/2-101 M55629/2-102 M55629/2-115 M55629/2-116 M55629/2-183 M55629/21-HM-HM M55629/21-NS-NS M55629/21-SK-UK M55629/22-NR-NR-NR M55629/22-RS-RS-RS M55629/22-TM-TM-TM