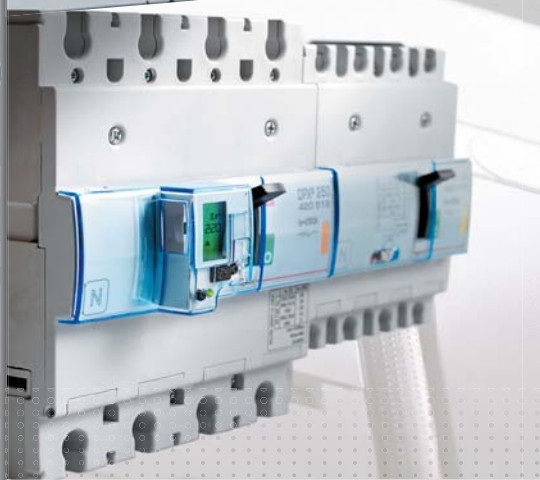


POWER CATALOGUE

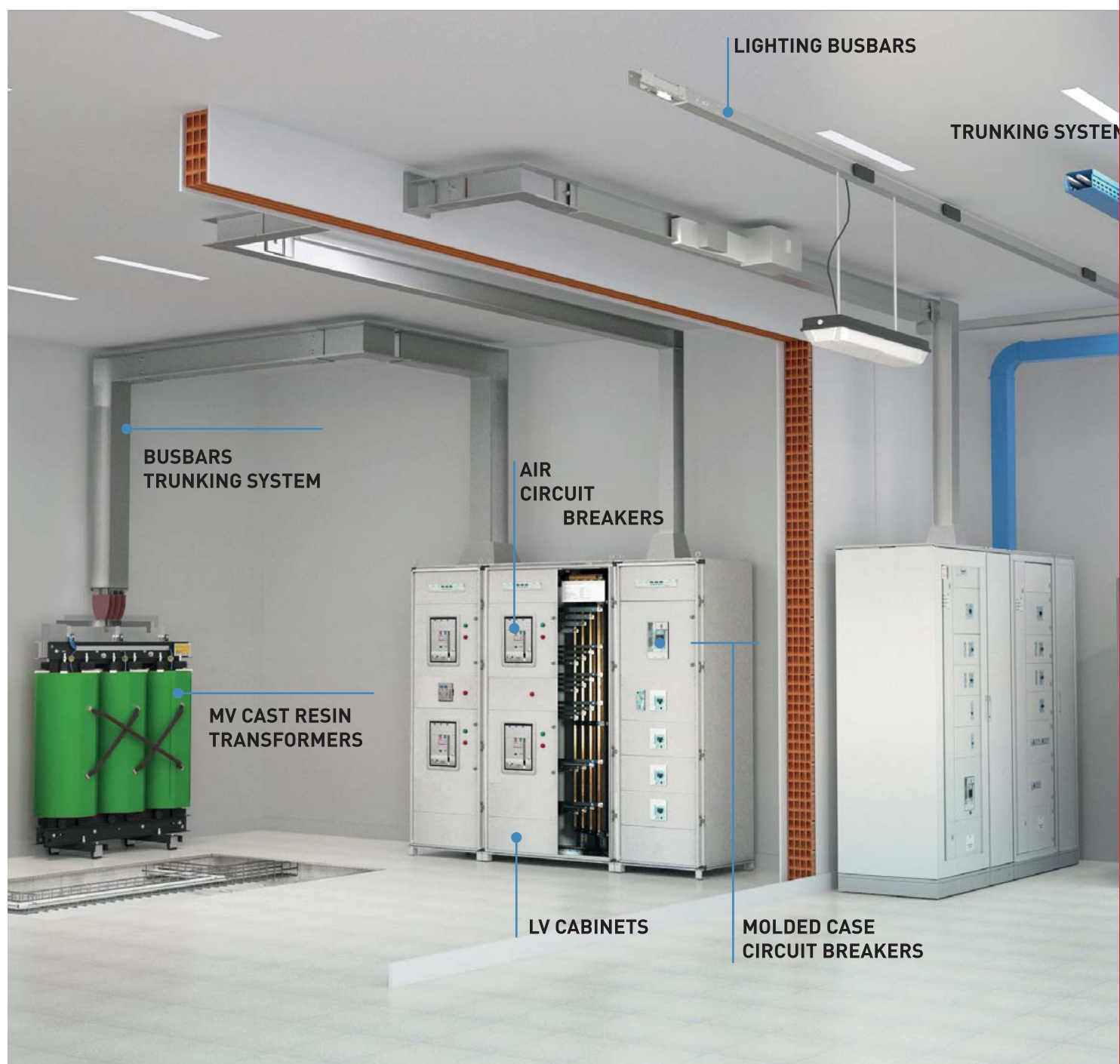


PRODUCTS AND SYSTEMS
FOR ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES

2016
2017

A Leader

Directly present in more than 80 countries and marketing its products close to 180 countries worldwide. Legrand is a benchmark player operating on a global market. Close to two thirds of its sales are made with products ranking No.1 or No.2 on their market, and it enjoys prominent positions especially in France, Italy, the US, as well as in new economies such as Brazil, Russia, China and India.



Contents

A specialist

LEGRAND IS THE GLOBAL SPECIALIST IN
ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES



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GREEN T.H.E High efficiency Transformers



GLOBAL SPECIALIST IN ELECTRICAL
AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand**[®]

LEGRAND

CAST RESIN TRANSFORMERS 100 kVA - 3150kVA

Distribution transformer up to 3150 kVA

Legrand offers a wide range of high quality, environmentally friendly cast resin transformers from 160 kVA up to 16 mVA



Compliance with standard: IEC 60076-11 and EN 50588-1

Power (kVA): 100-3150

Frequency (Hz): 50

Adjustment, MT side: $\pm 2 \times 2.5\%$, $-4 \times 2.5\%$

Vectorial group: Dyn1, Dyn11

Thermal class of the insulating system: 155 °C (F) / 155 °C (F)

Temperature rise: 100/100 K

Class of use: E2-C2-F1 Certified CESI A9032391 IEC 60076-11

Tolerances: According to IEC/CEI

The European Commission estimates that as much as 2.5 per cent of all energy consumed by the EU is wasted through transformer losses. The new directive will help to reduce wasted energy on future projects and consequently improve global carbon emissions and lower energy bills for the end user to the market.

CERTIFICATIONS AND ACCEPTANCE TESTS

ACCEPTANCE TESTS

■ Measurement of winding resistance	IEC 60076-1
■ Measurement of transformation ratio and check of polarity and connections	IEC 60076-1
■ Measurement of short-circuit voltage and losses due to load	IEC 60076-1
■ Measurement of no-load losses and no-load current	IEC 60076-1
■ Insulation test with applied voltage	IEC 60076-3
■ Insulation test with induced voltage	IEC 60076-3
■ Measurement of partial discharges	IEC 60076-11

TYPE TESTS (on request)

■ Atmospheric impulse test	IEC 60076-3
■ Temperature rise test	IEC 60076-2

SPECIAL TESTS (on request)

■ Measurement of sound level	IEC 60076-10
■ Short-circuit withstand test	IEC 60076-11



TESTING AUTHORIZATION

ACAE (Associazione per la Certificazione delle Apparecchiature Elettriche), Member of **LOVAG** (Low Voltage Agreement Group) authorizes the Laboratory **BTicino S.p.A.** based in Via E. Ferrari, Z.I. Villa Zaccaro - 64020 Castellalto (TE) Laboratory codification number: **IB 03**

to carry out the tests listed in the following, for the purpose to certify the products as stated in the Certificate n° 070B and its enclosure, issued to ACAE by ACCREDIA.

List of the authorized tests on the power transformers:

Measurement of voltage ratio and check of phase displacement
Measurement of winding resistance
Separate-source AC withstand voltage test
Induced AC voltage withstand test
Measurement of no-load loss and current
Measurement of short-circuit impedance and load loss
Partial discharge measurement
Insulation resistances measurement
Temperature-rise test
Lightning impulse test
Measurement of sound level

The laboratory has demonstrated to the ACAE's inspector to fulfil the basic requirements of IEC EN 17025 Standard for the above purposes. ACAE will witness the tests according to its Quality Procedure PA 5.2.1 "Test supervision". The renewal of the authorization is subjected to annual audit.

First issue date: 2015-08-05

Current issue date: 2015-08-05
Virginia Scaroni
ACAE General Secretary
Mr. Virginia Scaroni



ACCREDIA
The only body
accredited by the Italian
Ministry of Economic Affairs
for the certification of
conformity of products and
services to European
standards and technical
specifications.

ACAE
ASSOCIAZIONE PER LA CERTIFICAZIONE
DELL'ELETTROTECNICA
Via Tito Livio 1 - 20129 Bergamo (BG) - ITALY
Tel. +39 030 535888 Fax +39 030 535889
E-mail: info@acaebg.it - cert@acaebg.it
C.F. 03309430168 - P.IVA 07 03309430168
R.E.A. n. 303333 C.C.I.A.A. BG



* ถ้าต้องการรายละเอียดเพิ่มเติม กรุณาติดต่อบริษัท

SOLUTIONS FOR THE ELECTRICAL DISTRIBUTION

BUSBAR SYSTEM



GLOBAL SPECIALIST IN ELECTRICAL
AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand**[®]

LEGRAND

BUSBAR SYSTEM
25 A - 6300 A

Distribution transformer up to 3150 kVA

Legrand offers a wide range of high quality, environmentally friendly cast resin transformers from 160 kVA up to 16 mVA

Company approval CERTIFICATIONS

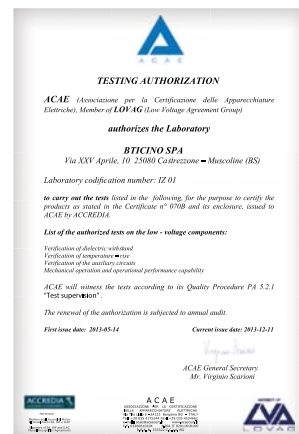
The quality management system

Legrand has always considered Quality one of the strategic points of its policy, and therefore implements a strict Quality Management System.

The efficacy of the procedures devised and the level of organisation required for their implementation, have enabled the company to obtain the approval certification of its Quality Management System in accordance with the latest edition of the UNI EN ISO 9001 standard. All company processes, from Marketing to Product Development, Manufacturing, Sale, and Technical Support, contribute to meeting the requirements for obtaining and keeping such Approval Certification. The certifying body used is Bureau Veritas. With its presence in over 140 countries, and over 100 years of experience in approval certification, Bureau Veritas is highly recognised by over 30 accreditation bodies, and is today among the world leaders in the field.



SIMPLIFIED INSTALLATION FOR INCREASED PERFORMANCE



LB PLUS

Light and Power. **BUSBAR FROM 25, 40 TO 63 A**
The solution that comes from above



LB PLUS DATA

The new busbar trunking system for **LIGHTING MANAGEMENT**
LBplusdata, the new busbar conceived for distribution and lighting in the service sector, which integrates a BUS that can be used for Lighting Management.



MINISBARRE (MS)

The compact solution for medium power distribution **BUSBAR 63, 100 AND 160A**



MEDIUM RATING (MR)

Performance and functionality in medium power **BUSBAR FROM 160 TO 1000A**



TROLLEY SYSTEM

Every time when the power required is on the move **BUSBAR FROM 63 TO 250A**



SUPERCOMPACT (SCP)

The power solutions for industrial and service sector applications **BUSBAR FROM 630 TO 6300 A**

* ต้องการรายละเอียดเพิ่มเติม กรุณาติดต่อรับ

TYPE TEST ENCLOSURE



GLOBAL SPECIALIST IN ELECTRICAL
AND DIGITAL BUILDING INFRASTRUCTURES



XL³

ENCLOSURES 125 A TO 6300 A



MEASUREMENT AT THE HEART OF ENERGY EFFICIENCY

- IP 30/IP 07
- IP 55/IP 08 with door and seal for joining (XL³ 4000 only)
- Fire resistance: 750°/30s
- Short-time withstand current I_{cw}: up to 110kA - 1s (with 4000 A busbar)
- Rated peak withstand current I_{pk}: 240 kA
- 2 heights:
 - 2000 mm (XL³ 4000 only)
 - 2200 mm
- Take devices up to 6300 A
- 3 types of faceplate (1/4 turn sealable, screw-mounting with or without hinges, with hinges and locks)
- Choice of distribution: standard or optimised, copper or aluminium
- Connection with Zucchini prefabricated busbars
- Internal or external cable sleeve (XL³ 4000)
- Separation form: up to 4b
- Increased safety level: up to IS 333
- Colour: RAL 7035 (RAL 7004 for the plinths)
- Conform to standard IEC 61439-1



Assembly consisting of two enclosures and an XL³ 4000 cable sleeve



XL³ 6300 enclosure



XL³ 800 enclosure



XL³ 400 enclosure



* ถ้าต้องการรายละเอียดเพิ่มเติม กรุณาติดต่อรับนัก

XL³

POWER CATALOGUE

9

New DMX³

Efficient protection
up to 6 300 A



AIR CIRCUIT BREAKERS | PRODUCT GUIDE

DMX³

AIR CIRCUIT BREAKER
630 A - 6300 A



EFFICIENT PROTECTION AND CONTROL FOR ALL TYPE OF BUILDINGS

- DMX³ air circuit breakers and DMX³-I isolating switches are available in three frame sizes. Three breaking capacities for circuit breakers: 50 kA for the DMX³-N designation 65 kA for DMX³-H and 100 kA for DMX³-L.
- The range covers 11 rated currents, between 630 A and 6300 A.
- All range of DMX³ air circuit breakers and DMX³-I isolating switches is available in fixed and draw-out version.

DMX³ INSTALLATION IN ENCLOSURES

The following settings are adjusted using rotary selector switches :



028800

- Long time delay protection against overloads: **Ir**
- Long delay protection operation time: **tr**
- Instantaneous protection against very high short circuits: **Ii**
- Neutral protection: **IN**

The following settings are adjusted using rotary selector switches :



028802

- Long time delay protection against overloads: **Ir**
- Long delay protection operation time: **tr**
- Short time delay protection against short circuits: **Im**
- Short time delay protection operation time: **tm**
- Instantaneous protection against very high short circuits: **Ii**
- Earth fault current: **Ig**
- Time delay on earth fault tripping: **tg**
- Neutral protection: **IN**

The following settings are adjusted using the touch screen:



028804

- Long time delay protection against overloads: **Ir**
- Long delay protection operation time: **tr**
- Short time delay protection against short circuits: **Im**
- Short time delay protection operation time: **tm**
- Instantaneous protection against very high short circuits: **Ii**
- Earth fault current: **Ig**
- Time delay on earth fault tripping: **tg**
- Neutral protection: **N**

Optimized performance up to 6300A

Draw-out DMX³

Key locking in "Open" position

Open control button

MP4 LSig tripping unit

Reset button

Indicator showing the position of the main contacts 0 / I

Device position indicator :
- Plugged in
- TEST
- Drawn-out

Isolator terminal blocks for auxiliary contacts

Windows for displaying auxiliary equipment

Close control button

Colour marking for breaking capacity:
- Grey for DMX³ N
- Yellow for DMX³ H

Indicator showing the load status of springs: Charged / Discharged

Spring loading lever

Key locking in drawn-out position

Lockable aperture for insertion of the extraction handle

OVERALL DIMENSIONS AND WEIGHT

Fixed version

		Height	Depth	Width	Weight ⁽¹⁾
FRAME 1: DMX ³ -N 2500 DMX ³ -H 2500	3P	419 mm	354 mm	273 mm	41 kg
	4P	419 mm	354 mm	358 mm	48 kg
FRAME 2: DMX ³ -L 2500 DMX ³ -N/H/L 4000	3P	419 mm	354 mm	408 mm	59 kg
	4P	419 mm	354 mm	538 mm	76 kg
FRAME 3: DMX ³ -L 6300	3P	419 mm	354 mm	797 mm	118 kg
	4P	419 mm	354 mm	1064 mm	152 kg



Draw-out version

		Height	Depth	Width	Weight ⁽¹⁾
FRAME 1: DMX ³ -N 2500 DMX ³ -H 2500	3P	465 mm	433 mm	327 mm	77 kg
	4P	465 mm	433 mm	412 mm	94 kg
FRAME 2: DMX ³ -L 2500 DMX ³ -N/H/L 4000	3P	465 mm	433 mm	425 mm	108 kg
	4P	465 mm	433 mm	555 mm	137 kg
FRAME 3: DMX ³ -L 6300	3P	465 mm	433 mm	804 mm	216 kg
	4P	465 mm	433 mm	1064 mm	274 kg



(1) For trip-free switches, please consult us

BREAKING CAPACITIES AND RATED CURRENTS

	800A	1000A	1250A	1600A	2000A	2500A	3200A	4000A	5000A	6300A
DMX ³ -N	50 kA FIXED/DRAW-OUT									
DMX ³ -H	65 kA FIXED/DRAW-OUT									
DMX ³ -L	100 kA FIXED/DRAW-OUT								100 kA F/D-O	

DMX³ 2500, 4000 AND 6300



028656 + 028802



028674 + 028802



028756 + 028802

FIX-TYPE

Item Code	Description	Pricelist
3P - Breaking capacity Icu 50kA (415Vac) - LI		
028621 /00	800A	128,000
028622 /00	1000A	132,000
028623 /00	1250A	135,000
028624 /00	1600A	138,000
028625 /00	2000A	141,000
028626 /00	2500A	145,000
028627 /00	3200A	170,000
028628 /00	4000A	200,000
3P - Breaking capacity Icu 65kA (415Vac) - LI		
028641 /00	800A	142,000
028642 /00	1000A	146,000
028643 /00	1250A	150,000
028644 /00	1600A	154,000
028645 /00	2000A	158,000
028646 /00	2500A	162,000
028647 /00	3200A	190,000
028648 /00	4000A	210,000
028950 /00	5000A 100 kA	**
028951 /00	6300A 100 kA	**
3P - Breaking capacity Icu 50kA (415Vac) - LSIG		
028621 /02	800A	144,000
028622 /02	1000A	148,000
028623 /02	1250A	152,000
028624 /02	1600A	156,000
028625 /02	2000A	160,000
028626 /02	2500A	164,000
028627 /02	3200A	190,000
028628 /02	4000A	230,000
3P - Breaking capacity Icu 65kA (415Vac) - LSIG		
028641 /02	800A	160,000
028642 /02	1000A	165,000
028643 /02	1250A	170,000
028644 /02	1600A	175,000
028645 /02	2000A	180,000
028646 /02	2500A	185,000
028647 /02	3200A	210,000
028648 /02	4000A	250,000
028950 /02	5000A 100kA	**
028951 /02	6300A 100kA	**

DRAWOUT-TYPE

Item Code	Description	Pricelist
3P - Breaking capacity Icu 50kA (415Vac) - LI		
028721 /00	800A	190,000
028722 /00	1000A	195,000
028723 /00	1250A	200,000
028724 /00	1600A	205,000
028725 /00	2000A	210,000
028726 /00	2500A	215,000
028727 /00	3200A	260,000
028728 /00	4000A	310,000
3P - Breaking capacity Icu 65kA (415Vac) - LI		
028741 /00	800A	215,000
028742 /00	1000A	220,000
028743 /00	1250A	225,000
028744 /00	1600A	230,000
028745 /00	2000A	235,000
028746 /00	2500A	240,000
028747 /00	3200A	280,000
028748 /00	4000A	330,000
028952 /00	5000A 100kA	**
028953 /00	6300A 100kA	**
3P - Breaking capacity Icu 50kA (415Vac) - LSIG		
028721 /02	800A	200,000
028722 /02	1000A	205,000
028723 /02	1250A	210,000
028724 /02	1600A	215,000
028725 /02	2000A	220,000
028726 /02	2500A	225,000
028727 /02	3200A	270,000
028728 /02	4000A	330,000
3P - Breaking capacity Icu 65kA (415Vac) - LSIG		
028741 /02	800A	200,000
028742 /02	1000A	205,000
028743 /02	1250A	210,000
028744 /02	1600A	215,000
028745 /02	2000A	220,000
028746 /02	2500A	225,000
028747 /02	3200A	270,000
028748 /02	4000A	330,000
028952 /02	5000A 100kA	**
028953 /02	6300A 100kA	**

หมายเหตุ : 1. หากต้องการราคาเบรกเกอร์ 4 โฟล หรือ ** กรุณาติดต่อบริษัทฯ

2. LI หรือ /00 ประกอบด้วย Breaker + Trip Unit (028800)

LSIG หรือ /02 ประกอบด้วย Breaker + Trip Unit (028802) + External Neutral (028811)

NEW DMX³ 1600



028012 + 028166



028013 + 028166

FIX-TYPE

Item Code	Description	Pricelist
3P - Breaking capacity Icu 42kA (415Vac) - LI		
028000 /64	630A	90,000
028001 /64	800A	91,000
028002 /64	1000A	92,000
028003 /64	1250A	93,000
028004 /64	1600A	94,000
3P - Breaking capacity Icu 50kA (415Vac) - LI		
028024 /64	630A	91,000
028025 /64	800A	92,500
028026 /64	1000A	94,000
028027 /64	1250A	95,500
028028 /64	1600A	97,000
3P - Breaking capacity Icu 42kA (415Vac) - LSIG		
028000 /66	630A	96,000
028001 /66	800A	98,000
028002 /66	1000A	100,000
028003 /66	1250A	102,000
028004 /66	1600A	105,000
3P - Breaking capacity Icu 50kA(415Vac) - LSIG		
028024 /66	630A	98,000
028025 /66	800A	100,000
028026 /66	1000A	102,000
028027 /66	1250A	105,000
028028 /66	1600A	110,000

DRAWOUT-TYPE

Item Code	Description	Pricelist
3P - Breaking capacity Icu 42kA (415Vac) - LI		
028012 /64	630A	120,000
028013 /64	800A	123,000
028014 /64	1000A	126,000
028015 /64	1250A	129,000
028016 /64	1600A	132,000
3P - Breaking capacity Icu 50kA (415Vac) - LI		
028036 /64	630A	122,000
028037 /64	800A	125,000
028038 /64	1000A	128,000
028039 /64	1250A	131,000
028040 /64	1600A	134,000
3P - Breaking capacity Icu 42kA (415Vac) - LSIG		
028012 /66	630A	126,000
028013 /66	800A	128,000
028014 /66	1000A	130,000
028015 /66	1250A	132,000
028016 /66	1600A	134,000
3P - Breaking capacity Icu 50kA (415Vac) - LSIG		
028036 /66	630A	130,000
028037 /66	800A	133,000
028038 /66	1000A	135,000
028039 /66	1250A	138,000
028040 /66	1600A	140,000

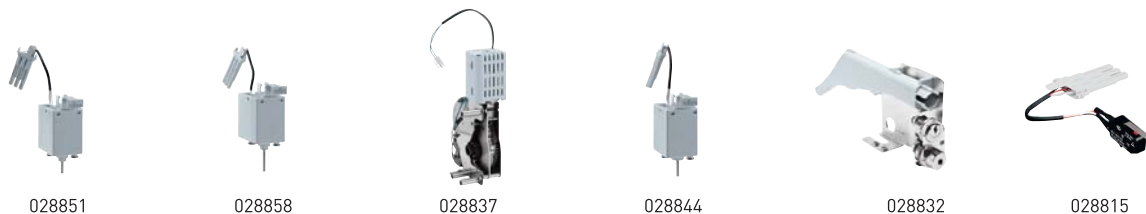
หมายเหตุ :1. หากต้องการราคาเบรกเกอร์ 4 โพล หรือ ** กรุณาติดต่อบริษัทฯ

2. LI หรือ /64 ประกอบด้วย Breaker + Trip Unit (028164)

LSIG หรือ /66 ประกอบด้วย Breaker + Trip Unit (028166) + External Neutral (028171)

DMX³ 2500 AND 4000

auxiliaries and accessories



AUXILIARIES

Item Code	Description	Pricelist
Shunt trip		
028848	Shunt trip 24VAC-DC	6,500
028851	Shunt trip 230VAC-DC	6,200
Undervoltage releases		
028855	Undervoltage releases 24VAC-DC	6,500
028858	Undervoltage releases 230VAC-DC	6,200
Module for delays tripping		
028863	Time-Delay 230VAC-DC 1 sec	1,800
Motor operators		
028834	Motor operators 24VAC-DC	16,000
028837	Motor operators 230VAC-DC	16,000
Closing coils		
028841	Closing coils 24VAC-DC	6,500
028844	Closing coils 230VAC-DC	6,200
Signaling contact		
028814	Ready to close with charge	5,000
028815	Additional signaling contact	1,300
Power Supply		
028806	24VDC external auxiliary power supply	2,400
locking		
028824	Padlocking for buttons	3,100
028830	Profalux lock	6,000
028831	Ronis lock	7,000
028828	2 hole Frame for Ronis or Profalux lock	2,400

ACCESSORIES

Item Code	Description	Pricelist
Equipment for supply inverter		
028864	Frame 1	9,500
028865	Frame 2	10,000
028866	Frame 3	11,000
Cable interlock		
028920	2600mm	5,000
028921	3000mm	6,000
028922	3600mm	6,300
028923	4000mm	6,600
028924	4600mm	7,000
028925	5600mm	7,500
Rear Terminal		
028884	Frame 1 Flat - Fixed 3P	9,500
028882	Frame 1 Vertical - Fixed 3P	9,500
028896	Frame 1 Horizontal or Vertical-Draw out-3P	9,000
028892	Frame 2 or 3 Flat - Fixed 3P	16,000
028894	Frame 2 or 3 Horizontal or Vertical - Fix or Draw out 3P	16,000
Other		
028825	Rating mis-insertion device	4,500
028823	Operating counter counts total number	5,400
028814	Contact Ready to close	5,000
028815	Additional signaling contact	1,300
028879	Lifting Plate	4,500

NEW DMX³ 1600

auxiliaries and accessories



ACCESSORIES

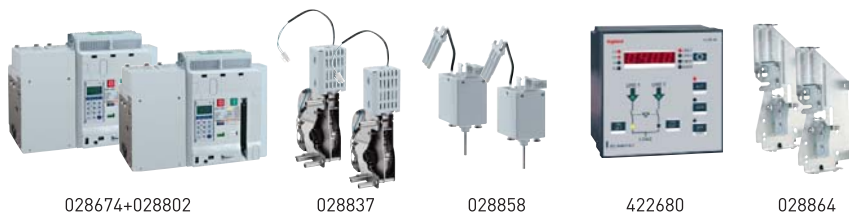
Item Code	Description	Pricelist	Item Code	Description	Pricelist
028123	Motor operator 220-250V A.C./D.C.	12,000	028144	Time delay UVR 230V A.C./D.C. 3s	5,500
028129	Closing coil 220-250V A.C./D.C.	3,000	028177	Padlock for button	1,200
028134	Shunt trip 220-250V A.C./D.C.	3,000	028172	Power Supply 24V DC	1,300
028139	Undervoltage release 220-250V A.C./D.C.	4,500			

AUTOMATIC TRANSFER SWITCH SET UP

for air circuit breaker

1 SET IS COMPOSED OF

- | | |
|--|---------|
| (1) Air circuit breaker | 2 items |
| (2) Electrical motor operator | 2 items |
| (3) Shunt trip | 2 items |
| (4) Closing release | 2 items |
| (5) Cable interlock 028921 | 2 items |
| (6) Equipment for supply inverter | 2 items |
| (7) Automatic line change over unit 422680 | 1 item |



AUTOMATIC TRANSFER SWITCH ACB

Item Code	Description	Pricelist	Item Code	Description	Pricelist
3P - Breaking capacity Icu 50kA (415Vac) - LI			3P - Breaking capacity Icu 65kA (415Vac) - LI		
ATS028621 /00	800A	380,380	ATS028641 /00	800A	411,180
ATS028622 /00	1000A	389,180	ATS028642 /00	1000A	419,980
ATS028623 /00	1250A	395,780	ATS028643 /00	1250A	428,780
ATS028624 /00	1600A	402,380	ATS028644 /00	1600A	437,580
ATS028625 /00	2000A	408,980	ATS028645 /00	2000A	446,380
ATS028626 /00	2500A	417,780	ATS028646 /00	2500A	455,180
ATS028627 /00	3200A	472,780	ATS028647 /00	3200A	516,780
ATS028628 /00	4000A	538,780	ATS028648 /00	4000A	560,780

*หมายเหตุ : 1. หากต้องการราคาเบรกเกอร์ 4 โพล กรุณาติดต่อบริษัทฯ

AUTOMATIC TRANSFER SWITCH CONTROLLER



ACCESSORIES

Item Code	Description	Pricelist
422680	basic 2 way control unit	21,000
422682	advance 2 ways control unit	39,500
422683	2 sources / 3 breakers control unit	63,500
422686	dual supply module	14,500
422687	usb connector for pc	7,000
422688	wifi connector	17,000
422689	rs 485 expansion module	7,000
422690	4 static output expansion module	4,500
422691	2 relay output 5A 250V expansion module	5,000
422692	2 digital input, 2 relay output expansion module	6,200

BACKLIT SCREEN

Very easy to read, adjustable brightness and contrast. Menu available in 5 or 8 languages depending on unit model

STYLISH ERGONOMIC DESIGN

CLEAR MARKING

Clear marking on the front panel for easy identification of the various functions

TOUCH-SENSITIVE BUTTONS

For programming the various operating parameters directly on the control unit

OPTICAL COMMUNICATION PORT

The optical port on the front can take a USB or a Wi-Fi connection module, which allows communication with a computer, smartphone or a tablet for programming, diagnostics and data downloading, without having to cut off the power to the electrical panel.

DPX³

PRECISE PROTECTION
AND MEASUREMENT
UP TO 1600 A



CATALOGUE
PAGES
→ INSIDE

GLOBAL SPECIALIST IN ELECTRICAL
AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand**[®]

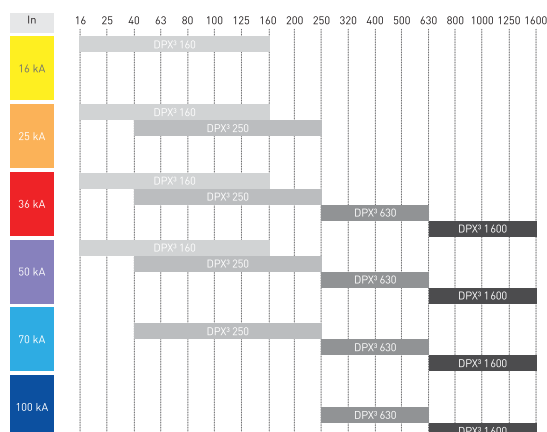
DPX³

MOLD CASE CIRCUIT BREAKER
16 A - 1600 A

PRECISE PROTECTION AND WIDE RANGE OF VERSIONS TO MEET ALL REQUIREMENT

- Thermal-magnetic and electronic releases according to the required level of protection.
- Fixed, draw-out and plug-in versions according to the required level of maintenance.
- RCBs to protect people, etc.

The DPX³ range features four size of moduled case circuit breakers with breaking capacities ranging from 16 to 100 kA



DPX³ 160 Mounting on rail or plate
DPX³ 250 Mounting on rail or plate
DPX³ 630 Mounting on plate
DPX³ 1600 Mounting on plate

A WIDE RANGE OF VERSIONS

		DPX ³ 160	DPX ³ 250	DPX ³ 630	DPX ³ 1600
Number of poles	3 P	•	•	•	•
	4 P	•	•	•	•
	3 P + N/2			• (1)	• (1)
Version	Fixed	•	•	•	•
	Plug-in	•	•	•	•
	Draw-out			•	•
Release	Thermal-magnetic	•	•	•	•
	S1 electronic			•	•
	S2 electronic		•	•	•
	Sg electronic			•	•
Options	Integrated residual current protection	•	•	• (2)	• (2)
	Integrated measurement		• (2)	• (2)	• (2)

¹: thermal-magnetic only - ²: S2 or Sg electronic only



DPX3 160 and a DPX3 250 can be used together for a supply inverter.

with motor-driven handles and the legrand automation control unit, DPX3 supply inverters can be controlled and managed remotely.



AUXILIARY CONTACTS or fault signal contacts: the same for all DPX³



NEW RELEASES with boxes for DPX³ 630 and 1600



SPREADERS

These are used for connection via large cross-section cables.



FLAT REAR TERMINALS

These can be turned horizontally or vertically.



TERMINAL SHIELDS

These provide IP 2X protection of the connections.



With the optional connector, the power can be disconnected while the auxiliaries remain operational for tests.



With its internal battery, the electronic DPX³ protection unit can be set in the workshop before the circuit breaker is inserted on its base.



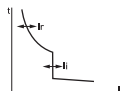
Locking via a key or a padlock prevents the device being switched on, while on its base, during maintenance operations.

DPX³ 160



MCCBs thermal magnetic release - fixed version

Thermal adjustable from 0.8 to 1 In
Magnetic adjustable from 5 to 10 In



THERMAL MAGNETIC FROM 16 TO 160A

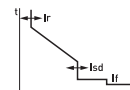
Item Code	Description	Pricelist
3P - Breaking capacity Icu 25kA (415Vac)		
420040	16A	2,950
420041	25A	2,950
420042	40A	2,950
420043	63A	2,950
420044	80A	2,950
420045	100A	2,950
420046	125A	3,100
420047	160A	3,100
3P - Breaking capacity Icu 36kA(415Vac)		
420080	16A	3,100
420081	25A	3,100
420082	40A	3,100
420083	63A	3,100
420084	80A	3,100
420085	100A	3,100
420086	125A	3,300
420087	160A	3,300
3P - Breaking capacity Icu 50kA (415Vac)		
420120	16A	3,400
420121	25A	3,400
420122	40A	3,400
420123	63A	3,400
420124	80A	3,400
420125	100A	3,400
420126	125A	3,600
420127	160A	3,600

DPX³ 250



MCCBs electronic release S1 - fixed version

Adjustment of Ir, Isd (opposite)
Instantaneous protection If = 5 kA
Green indicator lamp
Connector for test unit
Dynamic selectivity
4P version: adjustment of neutral on front panel



THERMAL MAGNETIC FROM 100 TO 250A

Item Code	Description	Pricelist
3P - Breaking capacity Icu 25kA (415Vac)		
420207	160A	6,300
420208	200A	6,300
420209	250A	6,300
3P - Breaking capacity Icu 36kA (415Vac)		
420237	160A	6,700
420238	200A	6,700
420239	250A	6,700
3P - Breaking capacity Icu 50kA (415Vac)		
420267	160A	7,200
420268	200A	7,200
420269	250A	7,200

ELECTRONIC FROM 40 TO 250A

Item Code	Description	Pricelist
3P - Breaking capacity Icu 36kA (415Vac)		
420335	100A	17,000
420337	160A	17,000
420339	250A	17,000
3P - Breaking capacity Icu 50kA (415Vac)		
420365	100A	18,000
420367	160A	18,000
420369	250A	18,000
3P - Breaking capacity Icu 70kA (415Vac)		
420637	100A	19,500
420638	160A	19,500
420639	250A	19,500

ACCESSORIES FOR DPX3 160/250

Item Code	Description	Pricelist	Item Code	Description	Pricelist
421013	Shunt trips 24VAC-DC	1,000	421010	auxiliary contact 1NC+1NO	1,700
421016	Shunt trips 220VAC-DC	1,000	421062	locking ronis	6,500
421019	Undervoltage releases 24VAC-DC	2,600	421058	mechanical interlock(2 sets for mccb)	1,600
421022	Undervoltage releases 220VAC-DC	2,800	421006	key lock for direct handles	6,300
421011	Auxiliary contact or Fault signaling	1,000	421008	key lock for very depth handles	8,500
421061	Motor operators (Front)	15,500	421071	DPX3 160 fixing plate on din rial	200
421000	Direct rotary handles	1,400	421072	DPX3 250 fixing plate on din rial	280
421004	Very depth rotary rotary handles	2,300	421049	Padlock for locking in open position	1,100

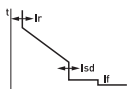
*หมายเหตุ : 1. หากต้องการทราบราคาคอนฟิก 4 โวลท์ กรุณาติดต่อบริษัท

DPX³ 630



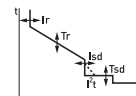
MCCBs electronic release S1 - fixed version

Adjustment of I_r , I_{sd} (opposite)
Instantaneous protection $I_f = 5 \text{ kA}$
Green indicator lamp
Connector for test unit
Dynamic selectivity
4P version: adjustment of neutral on front panel



MCCBs electronic release S2 - fixed version

Adjustment of I_r , I_{sd} , t_r , t_{sd} (p. 41)
Instantaneous protection $I_f = 5 \text{ kA}$
Green indicator lamp
Connector for test unit
Logic and dynamic selectivity
4P version: adjustment of neutral on front panel



THERMAL MAGNETIC FROM 250 TO 630

Item Code	Description	Pricelist
3P - Breaking capacity Icu 36kA (415Vac)		
422001	320A	15,000
422002	400A	15,000
422003	500A	16,500
422004	630A	16,500
3P - Breaking capacity Icu 50kA (415Vac)		
422015	320A	16,500
422016	400A	16,500
422017	500A	17,500
422018	630A	17,500
3P - Breaking capacity Icu 70kA (415Vac)		
422029	320A	17,500
422030	400A	17,500
422031	500A	19,000
422032	630A	19,000

ELECTRONIC FROM 250 TO 630 (S1)

Item Code	Description	Pricelist
3P - Breaking capacity Icu 36kA (415Vac)		
422499	320A	20,500
422500	400A	20,500
422501	500A	22,000
422502	630A	22,000
3P - Breaking capacity Icu 50kA (415Vac)		
422509	320A	21,500
422510	400A	21,500
422511	500A	23,000
422512	630A	23,000
3P - Breaking capacity Icu 70kA (415Vac)		
422519	320A	23,000
422520	400A	23,000
422521	500A	24,500
422522	630A	24,500

ELECTRONIC FROM 250 TO 630 (S2)

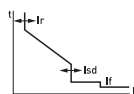
Item Code	Description	Pricelist
3P - Breaking capacity Icu 36kA(415Vac)		
422056	250A	29,500
422057	320A	29,500
422058	400A	29,500
422059	500A	31,000
422060	630A	31,000
3P - Breaking capacity Icu 50kA(415Vac)		
422066	250A	31,000
422067	320A	31,000
422068	400A	31,000
422069	500A	33,000
422070	630A	33,000
3P - Breaking capacity Icu 70kA(415Vac)		
422076	250A	35,000
422077	320A	35,000
422078	400A	35,000
422079	500A	37,000
422080	630A	37,000

DPX³ 1600



MCCBs electronic release S1 - fixed version

Adjustment of I_r , I_{sd} (opposite)
Instantaneous protection $I_f = 5 \text{ kA}$
Green indicator lamp
Connector for test unit
Dynamic selectivity
4P version: adjustment of neutral on front panel

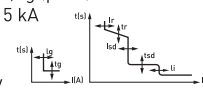


422396



MCCBs electronic release Sg - fixed version

Adjustment of I_r , I_{sd} , I_g , t_r , t_{sd} , t_g (p. 41)
Instantaneous protection $I_f = 5 \text{ kA}$
Green indicator lamp
Connector for test unit
Logic and dynamic selectivity
4P version: adjustment of neutral on front panel



422327

THERMAL MAGNETIC FROM 630 TO 1250 A

Item Code	Description	Pricelist
3P - Breaking capacity Icu 36kA (415Vac)		
422252	800A	38,000
422253	1000A	44,000
422254	1250A	44,000
3P - Breaking capacity Icu 50kA (415Vac)		
422264	800A	40,000
422265	1000A	47,000
422266	1250A	47,000
3P - Breaking capacity Icu 70kA (415Vac)		
422276	800A	42,000
422277	1000A	50,000
422278	1250A	50,000

ELECTRONIC FROM 630 TO 1600 (S1)

Item Code	Description	Pricelist
Breaking capacity Icu 36kA (415Vac)		
422540	800A	45,000
422541	1000A	51,000
422542	1250A	51,000
422543	1600A	67,000
Breaking capacity Icu 50kA (415Vac)		
422552	800A	48,000
422553	1000A	54,000
422554	1250A	54,000
422555	1600A	70,000
Breaking capacity Icu 70kA (415Vac)		
422564	800A	52,000
422565	1000A	59,000
422566	1250A	59,000
422567	1600A	79,000

*หมายเหตุ : ยังไม่รวม external neutral : 422592 (สำหรับ 3P เท่านั้น)

ELECTRONIC FROM 630 TO 1600 (S2)

Item Code	Description	Pricelist
Breaking capacity Icu 36kA(415Vac)		
422300	800A	55,000
422301	1000A	62,000
422302	1250A	62,000
422303	1600A	78,000
Breaking capacity Icu 50kA (415Vac)		
422312	800A	59,000
422313	1000A	66,000
422314	1250A	66,000
422315	1600A	84,000
Breaking capacity Icu 70kA (415Vac)		
422324	800A	65,000
422325	1000A	72,000
422326	1250A	72,000
422327	1600A	92,000

ELECTRONIC FROM 630 TO 1600 (Sg)*

Item Code	Description	Pricelist
3P - Breaking capacity Icu 36kA w/CT (415Vac)		
422396	800A	57,000
422397	1000A	62,000
422398	1250A	63,000
422399	1600A	80,000
3P - Breaking capacity Icu 50kA w/CT (415Vac)		
422408	800A	62,000
422409	1000A	70,000
422410	1250A	70,000
422411	1600A	88,000
3P - Breaking capacity Icu 70kA w/CT (415Vac)		
422420	800A	65,000
422421	1000A	73,000
422422	1250A	73,000
422423	1600A	92,000

* ใ้รวมกับ 422592 external neutral CT for 3P 4W system

DPX³ 630/1600 ACCESSORIES



422588 + 422593



026260



026270



026267+026268

ACCESSORIES

Item Code	Description	Pricelist
422242	Shunt trips 220VAC-DC	2,300
422248	Undervoltage releases 220VAC-DC	3,500
421011	Auxiliary contact or Fault signaling	1,000
026144	Motor operators for DPX3 630	33,000
026154	Motor operators for DPX3 1600	76,000
locking ronis		
026409	mechanical interlock(2 sets for mccb) 630	5,500
026410	mechanical interlock(2 sets for mccb) 1600	23,000
026241	direct rotary handles 630	7,000
026261	direct rotary handles 1600	9,000
026225	key lock for direct handles	1,000
026281	very depth rotary handles 630	8,500
026283	very depth rotary handles 1600	10,000
026294	key lock for very depth handles	8,500
026240	padlock for locking in open position 630	800
026260	padlock for locking in open position 1600	1,100
422592	external neutral CT	3,400

AUTOMATIC TRANSFER SWITCHES

1 SET IS COMPOSED OF

- (1) Moldcase circuit breaker 2 items
- (2) Motor Operator 2 items
- (3) Auxiliary contact 2 items
- (4) Mechanical interlocks 2 items
- (5) Automatic control unit 1 item



for mold case circuit breaker

AUTOMATIC TRANSFER SWITCH MCCB

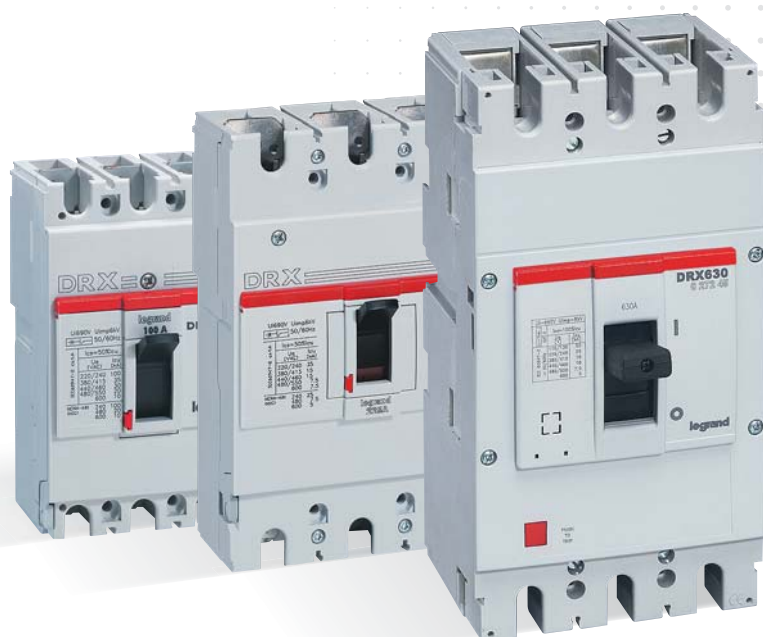
Item Code	Description	Pricelist
3P - Breaking capacity Icu 25kA (415Vac)		
ATS420045	100A	67,650
ATS420046	125A	67,980
ATS420047	160A	67,980
ATS420208	200A	75,020
ATS420209	250A	75,020
3P - Breaking capacity Icu 36kA (415Vac)		
ATS420085	100A	67,980
ATS420086	125A	68,420
ATS420087	160A	68,420
ATS420238	200A	75,900
ATS420239	250A	75,900
ATS422001	320A	136,950
ATS422002	400A	136,950
ATS422003	500A	140,250
ATS422004	630A	140,250
ATS422252	800A	289,300
ATS422253	1000A	302,500
ATS422254	1250A	302,500
ATS422543	1600A S1	353,100
3P - Breaking capacity Icu 50kA (415Vac)		
ATS420125	100A	68,640
ATS420126	125A	69,080
ATS420127	160A	69,080
ATS420268	200A	77,000
ATS420269	250A	77,000
ATS422015	320A	140,250
ATS422016	400A	140,250
ATS422017	500A	142,450
ATS422018	630A	142,450
ATS422264	800A	293,700
ATS422265	1000A	309,100
ATS422266	1250A	309,100
ATS422555	1600A S1	327,000



THERMAL MAGNETIC MCCBs

DRX

NOW UP TO 630 A



CATALOGUE
→ PAGES
INSIDE

GLOBAL SPECIALIST IN ELECTRICAL
AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand®**

DRX

THERMAL MAGNETIC MCCBs
15 A - 630 A

THERMAL MAGNETIC MCCBs

THE CHOICE

- Three different sizes
 - Ratings ranging from 15 to 630 A
- Several breaking capacities between 16 and 50 kA

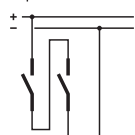
ROBUST DESIGN

- LOVAG certification
- Compliant with standard IEC 60947-2
- Mechanical endurance up to 25,000 operations

ADAPTABILITY

- An exclusive system to change from the 50 mm standard to the 45 mm DIN standard
- Fixing on DIN rail or plate for DRX 125 and 250
- Wiring via cables or busbars
- Installation in any position
- Suitable for all environments (tropicalisation, pollution, salt corrosion, etc.)
- Operates in AC or DC

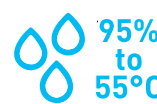
2 pole in series



DRX 125	DRX 250	DRX 630
ON RAIL OR ON PLATE	ON RAIL OR ON PLATE	ON PLATE
From 15 to 125 A	From 125 to 250 A	From 320 to 630 A
16 kA 20 kA 36 kA	18 kA 25 kA 36 kA	36 kA 50 kA
50 50 50	50 50 50	50 50
3P - 4P 3P - 4P 1P* - 2P* 3P - 4P	3P - 4P 3P - 4P 3P - 4P	3P - 4P 3P - 4P



EXTREME TEMPERATURES
DRX MCCBs operate in extreme temperature conditions, between -25°C and +70°C, and need no temperature derating up to 50°C.



UTE C63100 GUIDE
Can be used in any type of environment: tropicalisation execution II (all climates, relative humidity between 95% and 55°C).

≈ / = OPERATES IN AC OR DC



EASY IDENTIFICATION

Clear, simple, indelible marking on the front of the MCCB states the:

- thermal magnetic protection
- nominal current
- breaking capacity



ROBUST DESIGN

The DRX has proven mechanical endurance up to 25,000 operations.



ROTARY HANDLE

The rotary handle, is available in direct or external version in order to accommodate different users' habits or the specific constraints affecting each type of site. It is simple and quick to fit.



RISK-FREE INTERVENTION

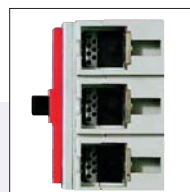
The padlock can be used to lock the handle in "Open" position during maintenance operations and thus avoid any risk of accidents due to mishandling.



MCCB easily positioned and removed from the DIN rail with the adaptor (only on DRX 125 and 250).



An exclusive system to change from the 50 mm standard to the 45 mm DIN standard



Cable spreaders, cage terminals, rear terminals, terminal shields, etc; our wiring accessories cover all your requirements.

DRX 125



027005



027025



027061



027018



027183



027170



027142



027150

Item Code	Description	Pricelist
3P - Breaking capacity Icu 10 kA (415 Vac)		
427000	15 A	1,830
427001	20 A	1,830
427002	25 A	1,830
427003	30 A	1,830
427004	40 A	1,830
427005	50 A	1,830
427006	60 A	1,990
427039	63 A	1,990
427007	75 A	1,990
427255	80 A	1,990
427008	100 A	1,990
427009	125 A	2,090
3P - Breaking capacity Icu 20 kA (415 Vac)		
427020	15 A	2,150
427021	20 A	2,150
427022	25 A	2,150
427023	30 A	2,150
427024	40 A	2,150
427025	50 A	2,150
427026	60 A	2,250
427220	63 A	2,250
427027	75 A	2,250
427257	80 A	2,250
427028	100 A	2,250
427221	125 A	2,400
3P - Breaking capacity Icu 35 kA (415 Vac)		
427060	15 A	2,490
427061	20 A	2,490
427062	25 A	2,490
427063	30 A	2,490
427064	40 A	2,490
427065	50 A	2,490
427066	60 A	2,600
427224	63 A	2,600
427067	75 A	2,600
427259	80 A	2,600
427068	100 A	2,600
427225	125 A	2,800

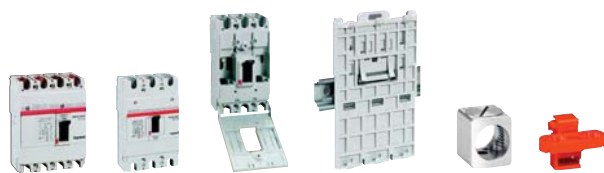
Item Code	Description	Pricelist
1P - Breaking capacity Icu 25 kA (220/240 Vac)		
427040	15A	1,290
427041	20A	1,290
427042	25A	1,400
427043	30A	1,290
427044	40A	1,290
427045	50A	1,290
427046	60A	1,400
427047	75A	1,400
427048	100A	1,500
2P - Breaking capacity Icu 60 kA (220/240 Vac)		
427050	15A	1,550
427051	20A	1,550
427052	25A	1,550
427053	30A	1,550
427054	40A	1,550
427055	50A	1,550
427056	60A	1,650
427057	75A	1,650
427058	100A	1,650

ACCESSORIES

Item Code	Description	Pricelist
427140*	Auxiliary contact - with 1 auxiliary	950
427141*	Auxiliary contact - with 1 alarm	950
427142*	Auxiliary contact - with 1 auxiliary + 1 alarm	1,400
427154*	Shunt trip - 200/277 V~	1,900
427164*	Under voltage release - 200/277 V~	3,500
427189	Plate for fixing in rail - 1P	630
427190	Plate for fixing in rail - 2P	460
427187	Plate for fixing in rail - 3P	170
427176	Direct rotary handle	670
427177	Vari-depth rotary handle	1,950
427181	Insulating shields (2) - 3P	180
427191	Sealable terminal shields (2) - 2P	400
427183	Sealable terminal shields (2) - 3P	440
427170	Cage terminals - 3P - up to 50 A	490
427171	Cage terminals - 3P - from 60 to 100 A	490
427252	Cage terminals - 3P - for 125 A	200
427180	Padlock	400

* ȧȧȧȧȧ DRX 125 ȧȧȧȧȧ 250

DRX 250



027106 027104 027112 027184 027174 027180

Item Code	Description	Pricelist
3P - Breaking capacity Icu 18 kA (415Vac)		
427100	125 A	3,500
427101	150 A	3,500
427228	160 A	3,600
427102	175 A	3,600
427103	200 A	3,600
427104	225 A	3,600
427105	250 A	3,700
3P - Breaking capacity Icu 25 kA (415Vac)		
427112	125 A	3,700
427113	150 A	3,700
427230	160 A	3,800
427114	175 A	3,800
427115	200 A	3,800
427116	225 A	3,800
427117	250 A	3,900
3P - Breaking capacity Icu 36 kA (415Vac)		
427124	125 A	4,500
427125	150 A	4,500
427232	160 A	4,500
427126	175 A	4,700
427127	200 A	4,700
427128	225 A	4,700
427129	250 A	5,000

ACCESSORIES

Item Code	Description	Pricelist
427140*	Auxiliary contact - with 1 auxiliary	950
427141*	Auxiliary contact - with 1 alarm	950
427142*	Auxiliary contact - with 1 auxiliary + 1 alarm	1,400
427154*	Shunt trip - 200/277 V~	1,900
427164*	Under voltage release - 200/277 V~	3,500
427188	Plate for fixing on rail - 3P	430
427178	Direct rotary handle	870
427179	Vari-depth rotary handle	2,100
427181	Insulating shields (2) - 3P	180
427185	Sealable terminal shields (2) - 3P	520
427174	Cage terminals - 3P - up to 250 A	950
427180	Padlock	400

* ប្រើជាមួយ DRX 125 ឬ 250

DRX 630



027245 027249 026250 026251 026248 426352

Item Code	Description	Pricelist
3P - Breaking capacity Icu 36 kA		
427234	320 A -3P - 36KA	12,000
427235	400 A -3P - 36KA	12,000
427236	500 A -3P - 36KA	13,500
427237	630 A -3P - 36KA	13,500
3P - Breaking capacity Icu 50 kA		
427242	320 A -3P - 50KA	13,000
427243	400 A -3P - 50KA	13,000
427244	500 A -3P - 50KA	14,500
427245	630 A -3P - 50KA	14,500

ACCESSORIES

Item Code	Description	Pricelist
427250	Rotary handle - Direct on - grey	6,800
427251	Rotary handle - vari-depth-grey	8,200
426230	Insulated shields (2)	300
426244	Sealable terminal shields (2)	1,500
422234	IP 20 Terminal cover (2)	1,400
426250	Cage terminals (4) - cable 300 mm ² / 240 mm ²	1,500
426251	Cage terminals (4) - cable 2X240 mm ² / 2X185 mm ²	7,100
426247	Extended front terminals (4)	3,000
426248	Spreaders	3,000
426350	Rear terminals (3) - Swivel	6,900
426352	Rear terminals (3) - Flat	7,900
426240	Padlock	800
421011*	Auxiliary contact or fault signaling contact	1,000
422242*	Shunt releases - 230 Vac/dc	2,300
422248*	Undervoltage releases - 230 Vac/dc	3,700

* ប្រើជាមួយ DPX³ 630

DX3



PROTECTION
THAT MEETS YOUR
REQUIREMENTS



→ CATALOGUE PAGES INSIDE

GLOBAL SPECIALIST IN ELECTRICAL
AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand**®

DX3

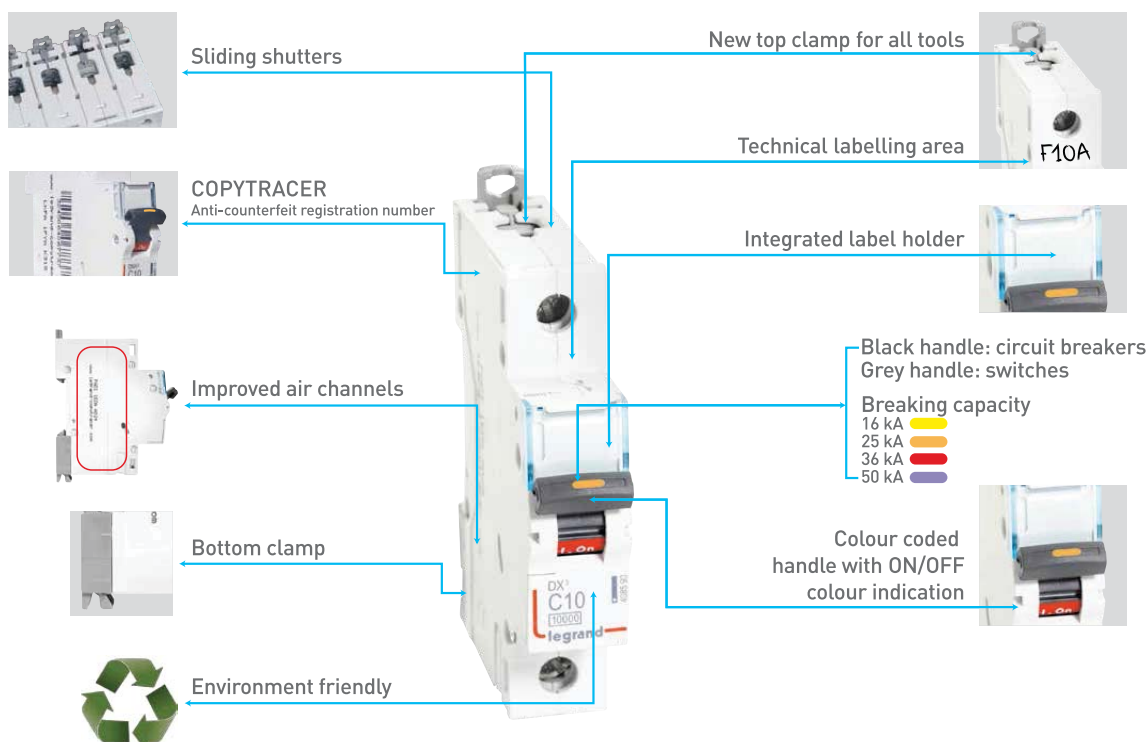
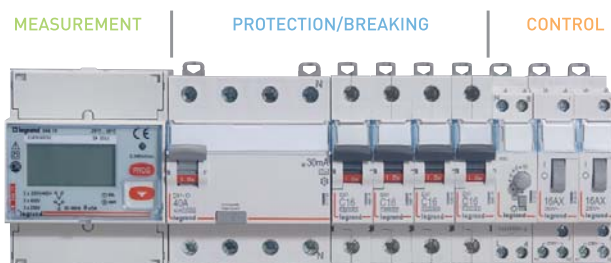
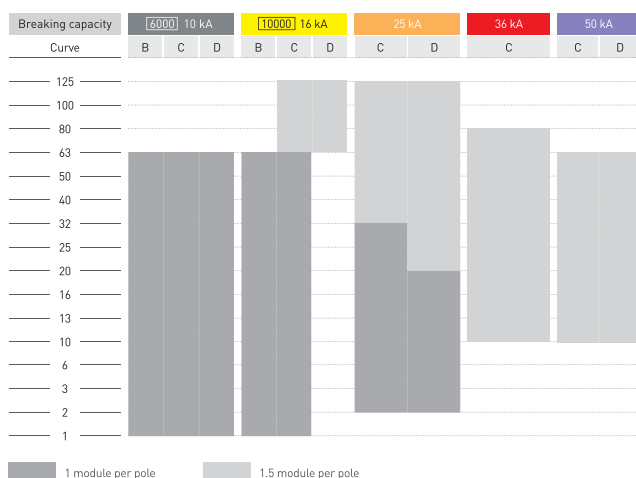
MINIATURE CIRCUIT BREAKERS 0.5 - 125A



Integrated in a wide range, providing exceptional technical and economic performance levels.

- The variety of functions and range of characteristics offered will enable to equip all your distribution boards.
- The very high levels of coordination between the various ranges of DX3 modular circuit breakers or between DX3 modular circuit breakers and DPX3 MCCBs enable the cost of the installation
- To be optimised

EASY INSTALLATION, OPERATION AND MAINTENANCE



MCBs DX³ 6000 - 10 kA



407666



407796



407855



407924

Item Code	Description	Pricelist
C CURVE 1P – 6000A – 10kA		
407666	6A	350
407668	10A	350
407670	16A	350
407671	20A	350
407672	25A	350
407673	32A	350
407674	40A	500
407675	50A	500
407676	63A	500
C CURVE 2P – 6000A – 10kA		
407796	6A	750
407798	10A	750
407800	16A	750
407801	20A	750
407802	25A	750
407803	32A	750
407804	40A	1,100
407805	50A	1,100
407806	63A	1,100

Item Code	Description	Pricelist
C CURVE 3P – 6000A – 10kA		
407855	6A	1,000
407857	10A	1,000
407859	16A	1,000
407860	20A	1,000
407861	25A	1,000
407862	32A	1,000
407863	40A	1,400
407864	50A	1,400
407865	63A	1,400
C CURVE 4P – 6000A – 10kA		
407924	6A	1,800
407926	10A	1,800
407928	16A	1,800
407929	20A	1,800
407930	25A	1,800
407931	32A	1,800
407932	40A	2,100
407933	50A	2,100
407934	63A	2,100

MCBs DX³ 10000 - 16 kA



409111



409199

Item Code	Description	Pricelist
C CURVE 1P – 10000A – 16kA		
409111	6A	450
409112	10A	450
409114	16A	450
409115	20A	450
409116	25A	450
409117	32A	450
409118	40A	700
409119	50A	700
409120	63A	700
409140	80A	2,100
409141	100A	2,100
409142	125A	2,100
C CURVE 2P – 10000A – 16kA		
409199	6A	900
409200	10A	900
409202	16A	900
409203	20A	900
409204	25A	900
409205	32A	900
409206	40A	1,400
409207	50A	1,400
409208	63A	1,400
409228	80A	3,500
409229	100A	3,500
409230	125A	3,500

Item Code	Description	Pricelist
C CURVE 3P – 10000A – 16kA		
409251	6A	1,250
409252	10A	1,250
409254	16A	1,250
409255	20A	1,250
409256	25A	1,250
409257	32A	1,250
409258	40A	2,000
409259	50A	2,000
409260	63A	2,000
409280	80A	5,600
409281	100A	5,600
409282	125A	5,600
C CURVE 4P – 10000A – 16kA		
409333	6A	1,900
409334	10A	1,900
409336	16A	1,900
409337	20A	1,900
409338	25A	1,900
409339	32A	1,900
409340	40A	2,500
409341	50A	2,500
409342	63A	2,500
409362	80A	7,500
409363	100A	7,500
409364	125A	7,500

RX³

ESSENTIAL PROTECTION

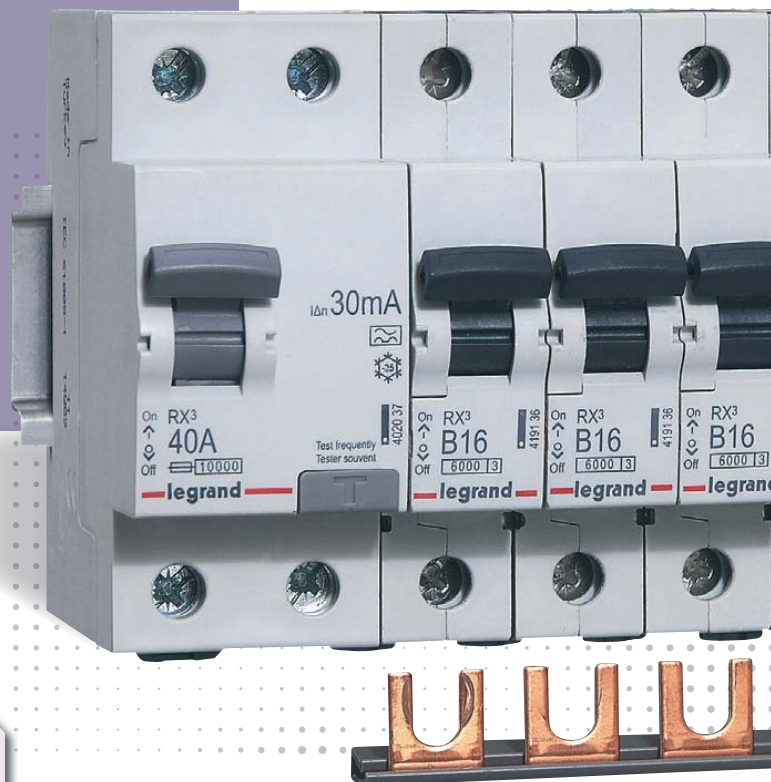
RX³


MINIATURE CIRCUIT BREAKER
from 6 A - 63 A

ESSENTIAL PROTECTION



- $I_n = 6$ to 63 A
- 1P/1P+N/2P/3P/3P+N/4P
- Breaking capacity 4500 and 6000 at 230/400 V~
- Breaking capacity 6000 and 10000 at 127/220 V~
- B and C curve
- Conform to standard IEC 60898-1



RX³ 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	

SAFE, RELIABLE AND EASY TO INSTALL

MCBs RX³ 6000



419200



419222



419233

Item Code	Description	Pricelist
C CURVE 1P – 6000A – 10kA		
419199	6A	160
419200	10A	140
419202	16A	140
419203	20A	140
419204	25A	150
419205	32A	160
419206	40A	240
419207	50A	240
419208	63A	240
C CURVE 2P – 6000A – 10kA		
419221	6A	420
419222	10A	420
419224	16A	420
419225	20A	420
419226	25A	420
419227	32A	420
419228	40A	600
419229	50A	600
419230	63A	600

Item Code	Description	Pricelist
C CURVE 3P – 6000A – 10kA		
419232	6A	750
419233	10A	750
419235	16A	750
419236	20A	750
419237	25A	750
419238	32A	750
419239	40A	990
419240	50A	990
419241	63A	990

XL³-N 125 & 250

SIMPLY, EFFICIENT
AND SAFE

3 - PHASE DISTRIBUTION BOARDS UP TO 250 A



--> CATALOGUE PAGES INSIDE

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 **legrand**[®]

XL³-N

DISTRIBUTION BOARDS
125 - 250 A

INCREASED SECURITY, ERGONOMICS AND ADAPTABILITY : **THE BUSBAR**

Insulation, labelling, corrosion resistance, terminal shields...

There's no disguising the busbar's qualities which can adapt to each configuration with its 2 existing sizes (125 A and 250 A).

8 SIZES OF BOARD

with 14 to 18 three-pole outgoing terminals.

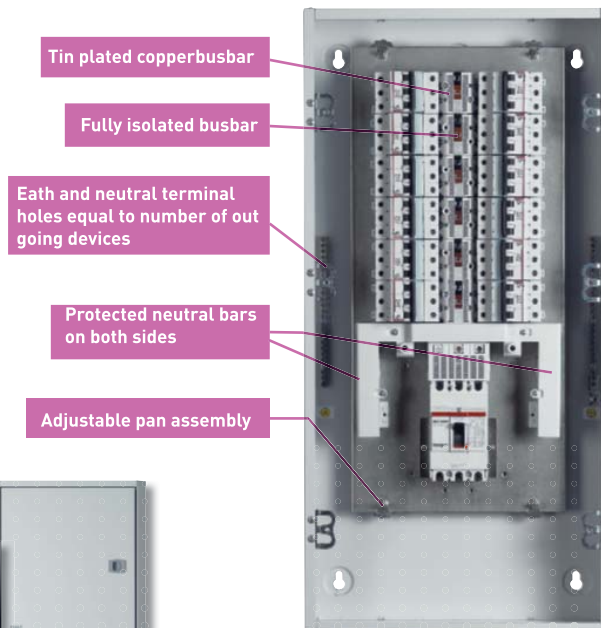
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CATALOGUE NUMBER = 1
COMPLETE,
READY TO USE
BOARD

only a few catalogue numbers to store (the same board can be flush-mounted or surface-mounted).



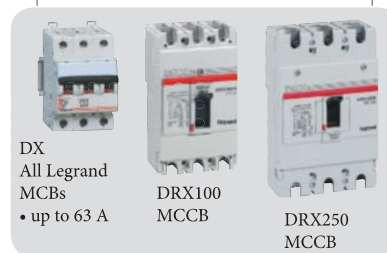
Example of a complete assembly in an enclosure with busbar



All Legrand MCBs
• up to 63 A
• 6 kA/10 kA / 25 kA
• 1P, 2P and 3P



Single pole RCBOs
• up to 45 A
AC type 30 mA



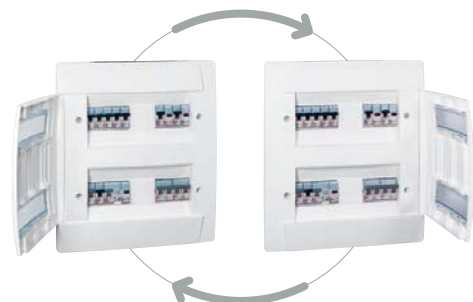
Consumer units

Stylish & easy to use



IP 40 - IK 07 with door
Class II
Conform to standard IEC 60439-3
Allows to achieve assemblies conform to IEC 61439-3
Reversible faceplate
Box for masonry
Self extinguishing 650 oC
White RAL 9003
Supplied without terminal block

The demands of modern living have led to the requirement for an increased number of electrical circuits



The reversible faceplate means the door can open to the left of right, thus offering maximum flexibility during installation on site.

* ถ้าต้องการรายละเอียดเพิ่มเติม กรุณาติดต่อบริษัท

sustainable savings

that can be viewed directly on the internet



MEASUREMENT, METERING & DISPLAY VIA
e.COMMUNICATION

GLOBAL SPECIALIST IN ELECTRICAL
AND DIGITAL BUILDING INFRASTRUCTURES

legrand[®]

EMDX³

MEASUREMENT,
METERING & DISPLAY



MULTI-FUNCTION METERING UNITS FOR MOUNTING ON DOOR OR SOLID FACEPLATE

Measurement upstream, to identify the critical points and ensure optimum targeting of the actions to be taken. Downstream to monitor the effects and control any drift. Legrand EMDX³ measurement control units and electricity meters will naturally have a place in distribution boards.

MULTI-FUNCTION METERING

MEASUREMENT AT THE HEART OF ENERGY EFFICIENCY

All the essential parameters of the installation on DIN rail or on the door :



412052

- Dual tariff metering
- Active and reactive energy
- Operating time
- Power factor
- Harmonic distortion
- Programmable alarms

RESIDUAL CURRENT RELAY



026088

Detects fault currents, and, when used with a shunt trip or an undervoltage release, it gives the trip command to a MCCB or a switch

SINGLE-PHASE CURRENT TRANSFORMERS

Closed-type single-phase current transformers.



412142

- Used with ammeters, electricity meters or measurement control units.
- For mounting on copper or aluminium cables or busbars.
- Provide a 5 A current at the secondary, proportional to the primary current
- For fixing on a plate, on EN 60715 symmetrical rail or busbar
- Secondary connected by terminals or lugs
- Accuracy class 0.5 – 1 – 3

EMDX³ overview



	4120 51 pulse and RS485 outputs	4120 52 Access	4120 53 Premium
Temperature			●
Individual Harmonic 50 th			●
Individual Harmonic 25 th	●	●	●
THD 50 th	●	●	●
THD 25 th			●
Communication RS485 module option			●
Communication pulse module option	●	●	●
Communication RS485	●	●	●
Communication pulse			●
Multi-tarif x4	●		
U,V,I,F, Power,Energy,THD	●	●	●
Alarms	●	●	●

EMDX³ main functions

MEASURING	Instantaneous	●	●	●
	Current			
	Maximum	●	●	●
	Average	●	●	●
	Instantaneous Voltage	●	●	●
	Frequency	●	●	●
	Instantaneous	●	●	●
	Power			
	Average	●	●	●
	Max, Min	●	●	●
METERING	Predictive			●
	Power factor (instantaneous)	●	●	●
	Temperature External (with plug-in module and sensors)			●
	Active energy	●	●	●
	Reactive energy	●	●	●
	Apparent energy	●	●	●
	Hours run	●	●	●
	Harmonic distortion	●	●	●
	Harmonics current	●	●	●
	Phase to neutral voltage	●	●	●
	Phase to phase voltage	●	●	●
	Harmonics current individual	●	●	●
	Phase to neutral voltage			●
	Phase to phase voltage			●

EMDX3



Item Code	Description	Pricelist
412052	EMDX3 multi-function metering unit	11,500
412053	EMDX3 multi-function metering unit premium	15,000
412055	Communication RS 485	4,000
412056	Module storage / communication RS 485	8,500
412057	2 Input / 2 Output	4,000
412058	Temperature sensors	5,000
412059	Pulses output	1,900
412060	Analogic output	4,000
412061	Harmonic analysis	5,500

RESIDUAL CURRENT RELAY AND COILS



026088



026098



026093

Item Code	Description	Pricelist
026088	Residual current relay to clip on rail Detects fault currents, and, when used with a shunt trip or an undervoltage release, it gives the trip command to a MCCB	6,000
026093	Coil Ø80 mm.	2,700
026094	Coil Ø110 mm.	3,300
026095	Coil Ø140 mm.	4,400
026096	Coil Ø210 mm.	7,300
026097	Coil Ø150 mm. - open	17,000
026098	Coil Ø300 mm. - open	26,000

CURRENT TRANSFORMERS



412124

Used with ammeters, electricity meters or multi-function measuring units Current at the secondary: 5 A Can be fixed on plate, EN 60715
 rail Cat.No 4 121 01/02/03/04/05/06/07, or bars Secondary connected by terminals or lugs Precision class: 0,5 % [1 % for Cat.No 4 121 01/02]

SINGLE-PHASE SOLID CORE CURRENT TRANSFORMERS

Item Code	Description	Pricelist
For 16 x 12,5 mm bar or Ø21 mm cable		
412101	50/5	800
412102	75/5	800
412103	100/5	800
412104	125/5	800
412105	160/5	800
412106	200/5	800
412107	250/5	850
For 32,5 x 10,5 and 25,5 x 15,5 mm bars or Ø27 mm cable		
412112	400/5	1,000
412114	600/5	1,050
For 40,5 x 12,5 and 32,5 x 15,5 mm bars or Ø26 mm cable		
412116	250/5	1,050
412117	400/5	1,150
412119	700/5	1,200
For 40,5 x 10,5, 32,5 x 20,5 and 25,5 x 25,5 mm bars or Ø32 mm cable		
412123	250/5	1,150
412124	300/5	1,150
412125	400/5	1,200
412126	600/5	1,300
For 50,5 x 12,5 and 40,5 x 20,5 mm bars or Ø40 mm cable		
412131	700/5	1,400
412132	800/5	1,600
412133	1000/5	1,700
For 65 x 32 mm bar		
412136	600/5	1,600
412138	800/5	1,950
412139	1000/5	2,200
For 84 x 34 mm bar		
412142	1250/5	2,700
For 127 x 38 mm bar		
412146	1600/5	3,800
412147	2000/5	3,900
412149	3200/5	4,500
For 127 x 54 mm bar		
412150	1600/5	4,800
412151	2000/5	5,500
412152	2500/5	5,500
412153	3200/5	7,000
412154	4000/5	7,300

SINGLE-PHASE SPLIT-CORE CURRENT TRANSFORMERS

Item Code	Description	Pricelist
412162	400/5	6,300
412163	800/5	7,000
For 80 x 120 mm bar		
412164	1000/5	9,000
412165	1500/5	9,000
For 80 x 160 mm bar		
412166	2000/5	13,000
412167	2500/5	13,000
412168	3000/5	15,000
412169	4000/5	20,000

ALPICAN™

ESSENTIAL SOLUTIONS FOR REACTIVE ENERGY COMPENSATION



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 **legrand®**

ALPICAN

CAPACITOR
2.5 - 30 kVAR



ESSENTIAL SOLUTIONS FOR REACTIVE ENERGY COMPENSATION

ENERGY SAVING

- Conforms to IEC 60831-1 and 2
- Compact design in cylindrical aluminium can for uniform heat dissipation
- Biodegradable soft resin impregnant
- Dual safety with self healing and overpressure disconnector
- Range : 2.5 to 30 kVar - 50 HZ [3 to 36 kVar - 60 HZ].



EXPLOSION PROOF DESIGN

in the event of thermal or electrical overload, the particular design of the capacitor protects it from an explosion. indeed, the capacitor is disconnected from the circuit and the flow of current is interrupted.



ALPTEC

A WIDE RANGE OF ELECTRICAL MEASUREMENTS

- Voltage
- Current
- Total harmonic distortion (THD up to order n° 15)
- Active and Apparent power
- Average weekly power factor
- Temperature
- Maximum values



Conforms to IEC/EN 55022, IEC/EN 6100-4-2, IEC/EN 61000-4-3, IEC/EN 61000-4-4, IEC/EN 61000-4-5, IEC/EN 61000-4-6, IEC/EN 61000-4-11
Autorecognized capacitor bank
Fixed step programmable.

Type of voltage-current measurement: TRMS Electrical measurements available in the four quadrants Power factor controller: 3 or 5 steps configurations

CTX³-C contactors

EASY TO INSTALL



- Conforms to IEC/EN 60947-1, IEC/EN 60947-4-1, IEC/EN 6090947-5-1
- Three-pole contactors, equipped with pre-fabricated auxiliary contacts and discharge resistors for connecting three-phase capacitor banks
- Range: 12.5 kVar to 70 kVar.

TYPE	Contactor		Maximum operating power (kVar)			Max. Peak current (A)
			220-240V	400-440V	500-550V	
416874	416086	9A	5	9.7	14	560
	416096	12A	6.7	12.5	18	560
	416106	18A	8.5	16.7	24	850
	416116	22A	10	18	26	1250
	416126	32A	15	25	36	1900
	416136	40A	20	33.3	48	2160
416875	416156	50A	20	40	58	2160
	416176	65A	25	45.7	66	3040
	416196	75A	29.7	54	78	3040
416877	416216	85A	35	60	92	3040
	416236	100A	37	62	94	3040



HRC

Blade Type fuses

ALPICAN CAPACITORS



Item Code	Description	Pricelist
Three-phase 400 Vac - 50 Hz		
415160	2.5 kVAr	1,200
415161	5 kVAr	2,200
415162	6.3 kVAr	3,000
415163	7.5 kVAr	3,200
415164	10 kVAr	3,500
415165	12.5 kVAr	3,700
415166	15 kVAr	3,900
415167	20 kVAr	4,500
415168	25 kVAr	4,800
Three-phase 415 Vac - 50 Hz		
415169	2.5 kVAr	1,300
415170	5 kVAr	2,300
415171	6.3 kVAr	3,100
415172	7.5 kVAr	3,300
415173	10 kVAr	3,700
415174	12.5 kVAr	4,000
415175	15 kVAr	4,300
415176	20 kVAr	4,800
415177	25 kVAr	5,200
Three-phase 440 Vac - 50 Hz		
415178	2.5 kVAr	1,400
415179	5 kVAr	2,400
415180	6.3 kVAr	3,300
415181	7.5 kVAr	3,500
415182	10 kVAr	3,900
415183	12.5 kVAr	4,200
415184	15 kVAr	4,500
415185	20 kVAr	5,000
415186	25 kVAr	5,500
415187	30 kVAr	6,200
Three-phase 480 Vac - 50 Hz		
415188	5 kVAr	3,000
415189	10.4 kVAr	3,500
415190	12.5 kVAr	3,900
415191	15 kVAr	4,200
415192	20.8 kVAr	5,500
415193	25 kVAr	6,000
415194	30 kVAr	7,000

ALPTEC



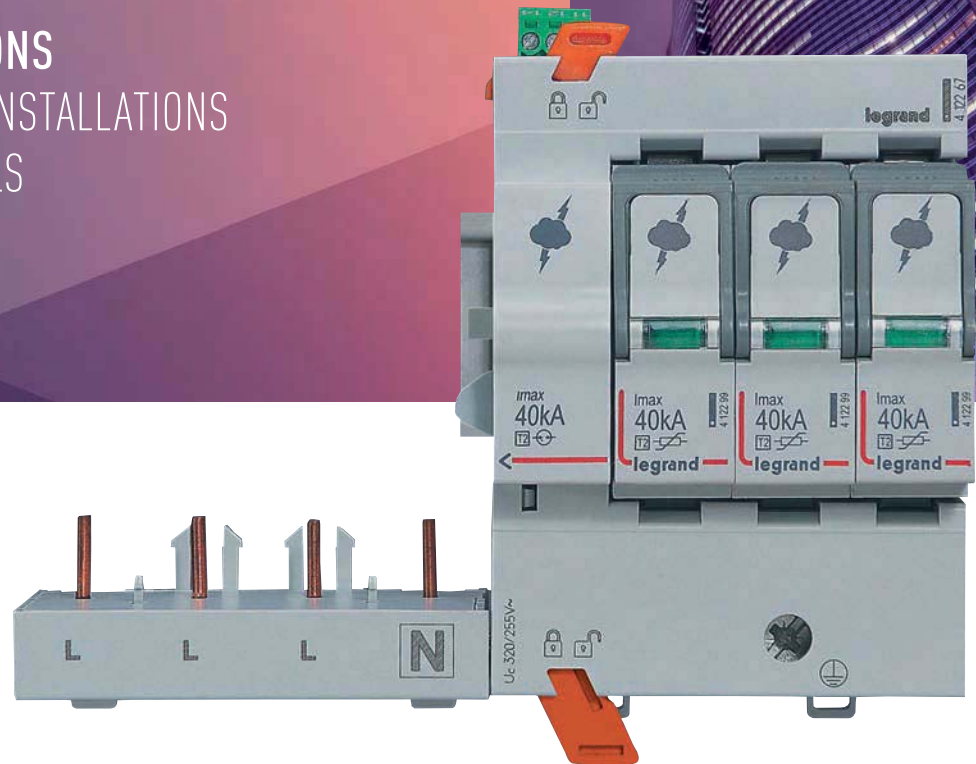
Item Code	Description	Pricelist
ALPTEC3.2	3 steps expandable to 5 steps	7,300
ALPTEC5.2	5 steps expandable to 7 steps	9,700
ALPTEC8.2	8 steps expandable to 16 steps	15,000
EXT2GR	Module extension (2 steps)	2,000
EXTRS485	Module for RS 485	6,500
EXT3GR	Module extension (3 steps)	3,500
EXTETH	Ethernet module for Alptec 8	20,000

FUSES CARRIERS

Item Code	Description	Pricelist
605202	160A SPX FUSE CARRIERS SIZE 00	1,800
HRC BLADE TYPE CARTRIDGE FUSE - TYPE GG - WITH INDICATOR		
016318	SIZE 00 - 25 A	405
016325	SIZE 00 - 40 A	405
016330	SIZE 00 - 50 A	405
016335	SIZE 00 - 63 A	405
016340	SIZE 00 - 80 A	405
016345	SIZE 00 - 100 A	405
016350	SIZE 00 - 125 A	405
016355	SIZE 00 - 160 A	405

New surge protective devices

SUITABLE SOLUTIONS
FOR ALL TYPES OF INSTALLATIONS
AND ALL RISK LEVELS



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SPD

SURGE PROTECTION DEVICE

SUITABLE SOLUTIONS FOR ALL TYPES OF INSTALLATIONS AND ALL RISK LEVELS

STANDARD EN 61643-11 AND IEC 61643-11

The entire range of Legrand SPDs conforms to standards EN and IEC 61643-11. The standards distinguish two types of SPD for distribution boards: T1 and T2.

T1 SPDs are designed to provide protection in the main distribution boards and T2 SPDs mostly provide protection in secondary distribution boards or consumer units.

T1+T2 SPDs, which are increasingly used at the supply end of installations, comply with the specifications of both types.

a complete range for all risk levels



Class I (T1) low voltage SPDs

SPDs with plug-in modules and status indicators:
- Green: SPD operational
- Red: plug-in modules to be replaced
Up: 2.5 kV - Uc: 440 V±
Earthing systems: TT, TNC, TNS, IT
Recommended MCCB: DPX³160 - 80 A



T1+T2

T1+T2 - Iimp 12,5 kA/pole
For general protection of big installations and protection of small installations with external lightning protection (LPS). Up: 1.5 kV - I_{max}: 60 kA/pole - Uc: 320 V±
Recommended MCB: DX³ 63 A - C curve



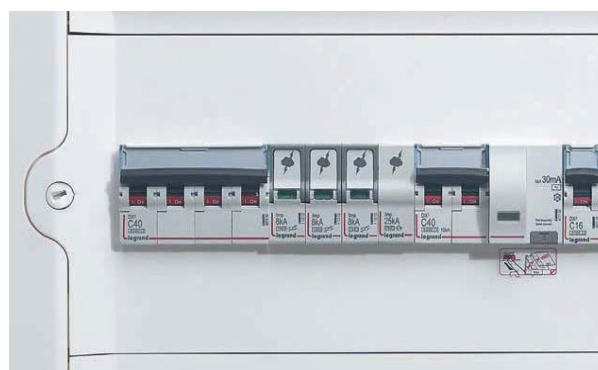
T2 SPDs

SPDs with plug-in modules and status indicators:
- Green: SPD operational
- Orange: plug-in modules to be replaced
T2 - I_{max} 40 kA/pole
SPDs recommended for power installations
Up: 1.7 kV - I_n: 20 kA/pole - Uc: 320 V±
Earthing systems: TT, TNC, TNS
Recommended MCB: DX³ 25 A - C curve

For protection against transient overvoltages to be effective, the position of the SPD in the installation and the type of SPD must be appropriate for the level of risk. Conforming fully to international standards, Legrand's range of type 1 (T1) and 2 (T2) SPDs meet all the requirements of low voltage installations.

Optimum protection and adaptability to suit local habits

Design and functionality, perfect integration in distribution boards



T1 AND T1+T2



412283

Item Code	Description	Pricelist
T1-limp 50kA/pole - 440V ± (IT) - Monobloc		
003000	1P - 50 KA	12,000
T1-limp 35kA/pole - 440V ± (IT) - Plug-in		
412280	1P - 35 KA	16,000
T1 - limp 25 kA/pole		
412281	1P+N	27,000
412282	3P	40,000
412283	3P+N	44,000

T2



412245

Item Code	Description	Pricelist
T2 - I_{max} 40kA/pole		
412240	1P	1,400
412244	1P+N Left	2,600
412246	1P+N Right	2,600
412241	2P	1,900
412242	3P	3,300
412245	3P + N Left	4,200
412247	3P + N Right	4,200
412243	4P	3,500
T2 - I_{max} 20kA/pole		
412220	1P	1,300
412224	1P+N Left	2,400
412226	1P+N Right	2,400
412221	2P	1,600
412225	3P + N Left	3,700
412227	3P + N Right	3,700
412223	4P	3,000
T2 self protected SPDs - I_{max} 12 kA/pole		
003951	1P+N 6kA Left	3,600
003953	3P+N 6kA Left	9,300
T2 self protected SPDs - I_{max} 12 kA/pole		
003971	1P+N 10kA Left	5,500
003973	3P+N 10kA Left	12,000

T1+T2



412275



412257

Item Code	Description	Pricelist
T1+T2 - limp 12.5 kA/pole		
412270	1P	1,700
412274	1P+N Left	4,000
412276	1P+N Right	4,000
412271	2P	3,200
412272	3P	5,500
412275	3P + N Left	9,200
412277	3P + N Right	9,200
412273	4P	6,300
T1+T2 - limp 8 kA/pole		
412250	1P	1,400
412254	1P+N Left	3,200
412256	1P+N Right	3,200
412251	2P	2,700
412252	3P	4,000
412255	3P + N Left	5,800
412257	3P + N Right	5,800
412253	4P	5,000

PLUG-IN MODULES

Item Code	Description	Pricelist
T1+T2 - SPDs 8 kA/pole		
412302	T1+T2	1,200
T1+T2 - SPDs 12.5 kA/pole		
412303	T1+T2	1,400
T1+T2 - SPDs 25 kA/pole		
412284	T1 + T2	11,000
412285	T1 + T2 N-PE	11,000
T1+T2 - SPDs 35 kA/pole		
412286	T1 + T2	14,500
T2 - SPDs 40 kA/pole		
412299	T2	800
412300	T2 N-PE	1,400
T2 -SPDs 440 V/pole		
412301	T2	900
T2 - SPDs 20 kA/pole		
412297	T2	600
412398	T2 N-PE	1,300
SPDs for telephone and data		
003828	5/10 kA - 170V	2,900
003829	5/10 kA - 48 V	2,900

MPX³ CTX³ RTX³

UNCOMPROMISING
PERFORMANCE
FOR MOTOR
PROTECTION
AND CONTROL

CATALOGUE
PAGES
→ INSIDE



GLOBAL SPECIALIST IN ELECTRICAL
AND DIGITAL BUILDING INFRASTRUCTURES

 **legrand**[®]

MPX³, CTX³, RTX³

MOTOR PROTECTION & CONTROL
UP TO 800 A



UNCOMPROMISING PERFORMANCE FOR MOTOR PROTECTION AND CONTROL

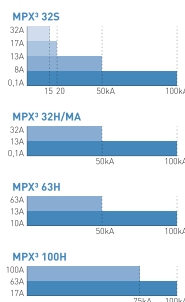
MPX³ MOTOR PROTECTION CIRCUIT BREAKERS



MAXIMUM EFFICIENCY IN A COMPACT UNIT

- High breaking capacity and type 2 coordination for an optimum service level
- Trip class 10
- Sensitive to phase loss
- Compact
- Can be fixed on 35 mm DIN rail or using screws
- Easy combination with CTX³ 3-pole contactors
- Complete range of control and signalling auxiliaries and accessories

BREAKING CAPACITIES ICU
AT 415 V_~



A COMPLETE RANGE
UP TO 100 A IN 4 SIZES



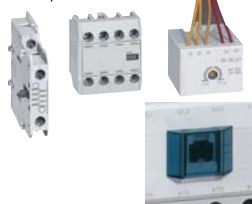
Certification
- EC declaration of conformity
- UL listed
- EAC
- CCC

CTX³ CONTROL OF CIRCUITS UP TO 800 A



- IP 2X terminals: screw terminals up to 40 A, screw or cage terminals from 50 to 150 A
- Integrated auxiliary contacts
- A1 and A2 supply terminal block (top and bottom)

Common time-delay modules and auxiliary contact blocks for all CTX³ up to 150 A.



CTX3 22/40/65/100/150 : MOUNTING ON DIN RAIL OR ON PLATE UP TO 150 A

- Compact
- High mechanical and electrical endurance for maximum reliability
- 3-pole and 4-pole contactors
- Screw terminals or cage terminals
- Complete range of auxiliaries and accessories
- Standard and residual current version thermal relays

CTX³ contactors can be fitted with a safety cover.

RTX³ THERMAL PROTECTION OF MOTORS



A COMPLETE RANGE

RTX³ thermal relays can be used to create 0.1 A to 800 A motor starters when combined with contactors, from the CTX³ mini to the CTX³ 800.

COMPACT MOTOR STARTERS

Mounting directly beneath contactors or separately (up to 150 A) with the dedicated accessory.



A SENSE OF FAMILY



- Trip indicator
- Off/test button
- Adjustment of the trip threshold
- of the thermal protection
- Reset button and mode selector
- switch: automatic (A)/ manual (H)
- Sealable protective cover
- Integrated auxiliary contacts (1 NO + 1 NC)
- IP20 terminalst

MPCBs MPX³



417308



417368



417379



417348

Item Code	Description	Pricelist
MPX3 32S Manual motor starter thermal magnetic		
417300	0.1-0.16A 100KA	1,500
417301	0.16-0.25A 100KA	1,500
417302	0.25-0.4A 100KA	1,500
417303	0.4-0.63A 100KA	1,500
417304	0.63-1.0A 100KA	1,500
417305	1.0-1.6A 100KA	1,500
417306	1.6-2.5A 100KA	1,500
417307	2.5-4.0A 100KA	1,500
417308	4-6A 100KA	1,500
417309	5-8A 100KA	1,500
417310	6-10A 50KA	1,500
417311	9-13A 50KA	1,550
417312	11-17A 20KA	1,550
417313	14-22A 15KA	1,550
417314	18-26A 15KA	1,550
417315	22-32A 15KA	1,550
MPX3 32H Manual motor starter thermal magnetic		
417320	0.1-0.16A 100KA	1,800
417321	0.16-0.25A 100KA	1,800
417322	0.25-0.4A 100KA	1,800
417323	0.4-0.63A 100KA	1,800
417324	0.63-1.0A 100KA	1,800
417325	1.0-1.6A 100KA	1,800
417326	1.6-2.5A 100KA	1,800
417327	2.5-4.0A 100KA	1,800
417328	4-6A 100KA	1,800
417329	5-8A 100KA	1,800
417330	6-10A 100KA	1,800
417331	9-13A 100KA	1,900
417332	11-17A 50KA	1,900
417333	14-22A 50KA	1,900
417334	18-26A 50KA	1,900
417335	22-32A 50KA	1,900

Item Code	Description	Pricelist
MPX3 63H Manual motor starter thermal magnetic		
417360	6-10A 100KA	4,400
417361	9-13A 100KA	4,400
417362	11-17A 50KA	4,400
417363	14-22A 50KA	4,400
417364	18-26A 50KA	4,400
417365	22-32A 50KA	4,400
417366	28-40A 50KA	4,400
417367	34-50A 50KA	4,500
417368	45-63A 50KA	4,500
MPX3 100H Manual motor starter thermal magnetic		
417370	11-17A 100KA	8,100
417371	14-22A 100KA	8,100
417372	18-26A 100KA	8,100
417373	22-32A 100KA	8,100
417374	28-40A 100KA	8,100
417375	34-50A 100KA	8,100
417376	45-63A 100KA	8,100
417377	55-75A 50KA	8,100
417378	70-90A 50KA	8,600
417379	80-100A 50KA	8,600
MPX3 100H Manual motor starter magnetic		
417340	0.16A 100KA	1,700
417341	0.25A 100KA	1,700
417342	0.4A 100KA	1,700
417343	0.63A 100KA	1,700
417344	1.0A 100KA	1,700
417345	1.6A 100KA	1,700
417346	2.5A 100KA	1,700
417347	4.0A 100KA	1,700
417348	6.0A 100KA	1,700
417349	8.0A 100KA	1,700
417350	10.0A 100KA	1,700
417351	13.0A 100KA	1,800
417352	17.0A 50KA	1,800
417353	22.0A 50KA	1,800
417354	26.0A 50KA	1,800
417355	32.0A 50KA	1,800

MPCBs MPX³

accessories

									
417400	417403	417412	417422	417456	417461	417463	417473	417481	
Item Code	Description			Pricelist	Item Code	Description			Pricelist
417400	Auxiliary contact side 1NO1NC			450	417454	Mounting adaptor 32H MA FOR CTX 40AC			310
417401	Auxiliary contact side 2NO			450	417455	Mounting adaptor 32H MA for CTX 40DC			310
417402	Auxiliary contact side 2NC			450	417456	Mounting adaptor 63H for CTX 65AC			390
417403	Auxiliary contact front 1NO1NC			390	417457	Mounting adaptor 63H for CTX 65DC			390
417404	Auxiliary contact front 2NO			390	417458	Mounting adaptor 100H for CTX 100AC			390
417405	Auxiliary contact front 2NC			390	417459	Mounting adaptor 100H for CTX 100DC			390
417406	Thermal magnetic trip signaling switch			590	417460	Mounting unit 32S 32H 32MA			290
417407	Magnetic trip signaling switch			590	417461	Mounting unit 63H			550
417408	Thermal magnetic trip signaling switch			590	417462	Mounting unit 100H			650
417412	Shunt release 230V AC			890	417463	Rotary handle 32H 32MA L315MM			1,100
417421	Undervoltage release 110V AC			890	417464	Rotary handle 63H L315MM			1,100
417422	Undervoltage release 230V AC			890	417465	Rotary handle 100H L315MM			1,100
417432	Undervoltage release 2NO Built in 230V AC			1,100	417471	Phase busbar 32S 32H 32MA 2 breakers			290
417440	Mounting adaptor 32S for CTX miniAC			180	417472	Phase busbar 63H 2 breakers			590
417441	Mounting adaptor 32S for CTX miniDC			180	417473	Phase busbar 32S 32H 32MA 3 breakers			750
417442	Mounting adaptor 32H MA for CTX miniAC			180	417474	Phase busbar 63H 3 breakers			850
417443	Mounting adaptor 32H MA for CTXminiDC			180	417475	Phase busbar 32S 32H 32MA 4 breakers			290
417448	Mounting adaptor 32S for CTX 22AC			250	417476	Phase busbar 32S 32H 32MA 5 breakers			750
417449	Mounting adaptor 32S for CTX 22DC			250	417477	Feeder 32A Phase busbar 32S 32H 32MA			220
417450	Mounting adaptor 32H MA for CTX 22AC			250	417479	Dial cover MPX			50
417451	Mounting adaptor 32H MA for CTX 22DC			250	417480	Enclosure yellow red rotary handle MPX 32H 32MA			450
417452	Mounting adaptor 32S for CTX 40AC			310	417481	Enclosure rotary handle MPX 32H 32MA			850
417453	Mounting adaptor 32S for CTX 40DC			310					

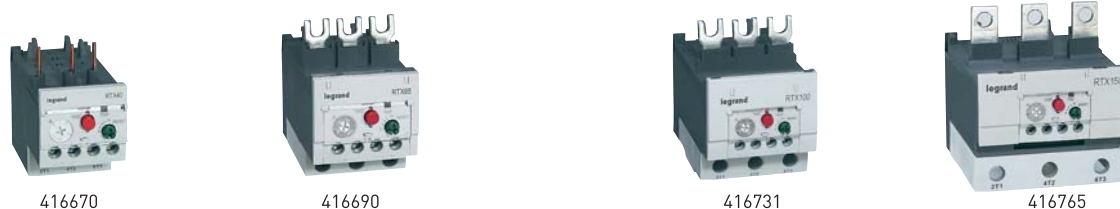
3-POLE CONTACTORS CTX³



Item Code	Description	Pricelist
417150	Auxiliary contact front 1NO1NC	220
	Auxiliary contact front 2NO	220
417152	Auxiliary contact front 2NC	220
417153	Auxiliary contact front 4NO	270
417154	Auxiliary contact front 3NO1NC	270
417155	Auxiliary contact front 2NO2NC	270
417156	Auxiliary contact front 1NO3NC	270
417157	Auxiliary contact front 4NC	270
417158	Auxiliary contact side 1NO	180
417159	Auxiliary contact side 1NC	180
417160	Mechanical interlock	220
417176	Spare coil 230V AC	220
416086	3P 9A 1NO1NC 230V AC	650
416096	3P 12A 1NO1NC 230V AC	690

Item Code	Description	Pricelist
416106	3P 18A 1NO1NC 230V AC	890
416116	3P 22A 1NO1NC 230V AC	1,100
416126	3P 32A 2NO2NC 230V AC	1,600
416136	3P 40A 2NO2NC 230V AC	2,100
416146	3P 50A 2NO2NC 230V AC Screw	2,900
416166	3P 65A 2NO2NC 230V AC Screw	3,300
416186	3P 75A 2NO2NC 230V AC Screw	3,900
416206	3P 85A 2NO2NC 230V AC Screw	4,400
416226	3P 100A 2NO2NC 230V AC Screw	6,000
416874	Capacitor switching unit for contactor 9-40A	900
416875	Capacitor switching unit for contactor 50-65A	900
416877	Capacitor switching unit for contactor 75-100A	900

THERMAL RELAY RTX³



Item Code	Description	Pricelist
416660	0.1-0.16A	1,200
416661	0.16-0.25A	1,200
416662	0.25 - 0.4A	1,200
416663	0.4-0.63A	1,200
416664	0.63-1.0A	1,200
416665	1.0-1.6A	1,200
416666	1.6-2.5A	1,200
416667	2.5-4.0A	1,200
416668	4-6A	1,200
416669	5-8A	1,200
416670	6-9A	1,200
416671	7-10A	1,200
416672	9-13A	1,200
416673	12-18A	1,200
416674	16-22A	1,200
416675	18-25A	1,200
416676	22-32A	1,200
416677	28-40A	1,200

Item Code	Description	Pricelist
416703	9-13A	2,100
416704	12-18A	2,100
416705	16-22A	2,100
416706	18-25A	2,100
416707	22-32A	2,100
416708	28-40A	2,100
416709	34-50A	2,100
416710	45-65A	2,100
416743	18-25A	3,300
416744	22-32A	3,300
416745	28-40A	3,300
416746	34-50A	3,300
416747	45-65A	3,300
416748	54-75A	3,300
416749	63-85A	3,300
416750	70-95A	3,300
416751	80-100A	3,300

MINI CONTACTOR CTX³



417000

Item Code	Description	Pricelist
417006	3P 6A 1NO 230VAC	550
417016	3P 6A 1NC 230VAC	550
417026	3P 9A 1NO 230VAC	550
417036	3P 9A 1NC 230VAC	550
417046	3P 12A 1NO 230VAC	600
417056	3P 12A 1NC 230VAC	600
417066	3P 16A 1NO 230VAC	650
417076	3P 16A 1NC 230VAC	650
417141	4P 16A 24VDC	710
417146	4P 16A 230VAC	800

THERMAL RELAYS & ACCESSORIES

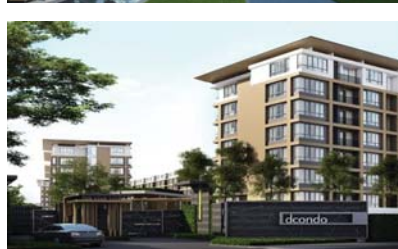
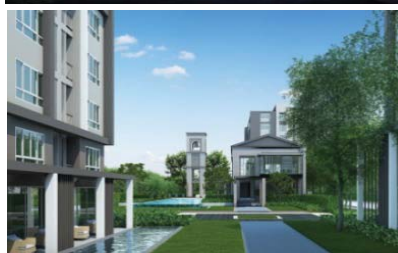


417088

Item Code	Description	Pricelist
417080	0.1-0.16A	650
417081	0.16-0.25A	650
417082	0.25-0.4A	650
417083	0.4-0.63A	650
417084	0.63-1.0A	650
417085	1.0-1.6A	650
417086	1.6-2.5A	650
417087	2.5-4.0A	650
417088	4-6A	650
417089	5-8A	650
417090	6-9A	650
417091	7-10A	650
417092	9-13A	650
417093	12-16A	650

PROJECT REFERENCES

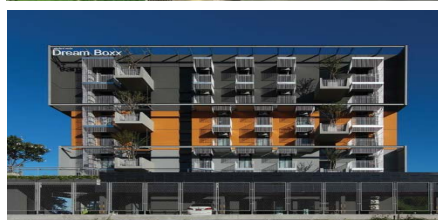
D condo Sathupradith
 D condo Creek
 D condo Baan Ploeng Plean
 D condo Campus
 D condo Sukhumvit 109
 D condo Mind
 D condo Campus Resort Bangna
 D condo Campus Resort Rangsit
 D Condo Cha Am (Bann Tewlom)
 D Condo Phran Nok
 D Condo Thammasart Rangsit
 D Condo ABAC Bangna
 D Condo Campus Resort Kuku
 D Condo Baan Peang Ploen Hua Hin 97
 D Condo Campus Resort Ratchaphruk
 D condo Sukhumvit 109
 D Condo D Vieng
 D Condo Baan Kiang Fah Hua Hin 112
 D Condo Sign



PROJECT REFERENCES

Atrium Condo
 Baan San Ngam
 Bhumipol Hospital Dormitory
 Congensen Factory
 Coca Cola Bottling Factory
 Condo One Soho
 Dream Box Condo
 D'rouvre Phaholythin
 EGAT – AC DC Distribution Board
 - Substation (Angthong)
 - Substation (Sakonakorn)
 - Substation (Nakhon Sawan)

Kata Casa Del
 Local Government Office
 Metro Luxe Kaset
 Metropole Thonglor
 Metro Sky Prachachuen
 Nimitbutr Stadium
 Nook Dee Beach Resort
 Panich Navy
 Precise Factory PEW Building
 Precise Factory PMW Building
 Sommerset Amargarden
 Suwanna Bann Taimueng
 The Base Downtown
 The Base Pattaya
 The Base Rama9
 The Nest
 The Preme 2
 The Rich Taksin
 Tree Boutique Condo
 Waterford
 Winai Apartment
 Varada Hotel
 Zenith Sukhumvit 42
 23 Degree Condo
 23 Degree Hotel



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Item Code	Page No.	Price	Item Code	Page No.	Price	Item Code	Page No.	Price	Item Code	Page No.	Price
003000	43	12,000	028015/64	13	129,000	028642/02	12	165,000	028825	14	4,500
003828	43	2,900	028015/66	13	132,000	028643/00	12	150,000	028828	14	2,400
003829	43	2,900	028016/64	13	132,000	028643/02	12	170,000	028830	14	6,000
003951	43	3,600	028016/66	13	134,000	028644/00	12	154,000	028831	14	7,000
003953	43	9,300	028024/64	13	91,000	028644/02	12	175,000	028834	14	16,000
003971	43	5,500	028024/66	13	98,000	028645/00	12	158,000	028837	14	16,000
003973	43	12,000	028025/64	13	92,500	028645/02	12	180,000	028841	14	6,500
016318	40	405	028025/66	13	100,000	028646/00	12	162,000	028844	14	6,200
016325	40	405	028026/64	13	94,000	028646/02	12	185,000	028848	14	6,500
016330	40	405	028026/66	13	102,000	028647/00	12	190,000	028851	14	6,200
016335	40	405	028027/64	13	95,500	028647/02	12	210,000	028855	14	6,500
016340	40	405	028027/66	13	105,000	028648/00	12	210,000	028858	14	6,200
016345	40	405	028028/64	13	97,000	028648/02	12	250,000	028863	14	1,800
016350	40	405	028028/66	13	110,000	028721/00	12	190,000	028864	14	9,500
016355	40	405	028036/64	13	122,000	028721/02	12	200,000	028865	14	10,000
026088	36	6,000	028036/66	13	130,000	028722/00	12	195,000	028866	14	11,000
026093	36	2,700	028037/64	13	125,000	028722/02	12	205,000	028879	14	4,500
026094	36	3,300	028037/66	13	133,000	028723/00	12	200,000	028882	14	9,500
026095	36	4,400	028038/64	13	128,000	028723/02	12	210,000	028884	14	9,500
026096	36	7,300	028038/66	13	135,000	028724/00	12	205,000	028892	14	16,000
026097	36	17,000	028039/64	13	131,000	028724/02	12	215,000	028894	14	16,000
026098	36	26,000	028039/66	13	138,000	028725/00	12	210,000	028896	14	9,000
026144	21	33,000	028040/64	13	134,000	028725/02	12	220,000	028920	14	5,000
026154	21	76,000	028040/66	13	140,000	028726/00	12	215,000	028921	14	6,000
026225	21	1,000	028123	14	12,000	028726/02	12	225,000	028922	14	6,300
026240	21	800	028129	14	3,000	028727/00	12	260,000	028923	14	6,600
026241	21	7,000	028134	14	3,000	028727/02	12	270,000	028924	14	7,000
026260	21	1,100	028139	14	4,500	028728/00	12	310,000	028925	14	7,500
026261	21	9,000	028144	14	5,500	028728/02	12	330,000	028950/00	12	390,000
026281	21	8,500	028172	14	1,300	028741/00	12	215,000	028950/02	12	440,000
026283	21	10,000	028177	14	1,200	028741/02	12	225,000	028951/00	12	420,000
026294	21	8,500	028621/00	12	128,000	028742/00	12	220,000	028951/02	12	470,000
026409	21	5,500	028621/02	12	144,000	028742/02	12	230,000	028952/00	12	620,000
026410	21	23,000	028622/00	12	132,000	028743/00	12	225,000	028952/02	12	680,000
028000/64	13	90,000	028622/02	12	148,000	028743/02	12	235,000	028953/00	12	680,000
028000/66	13	96,000	028623/00	12	135,000	028744/00	12	230,000	028953/02	12	730,000
028001/64	13	91,000	028623/02	12	152,000	028744/02	12	240,000	407666	28	350
028001/66	13	98,000	028624/00	12	138,000	028745/00	12	235,000	407668	28	350
028002/64	13	92,000	028624/02	12	156,000	028745/02	12	245,000	407670	28	350
028002/66	13	100,000	028625/00	12	141,000	028746/00	12	240,000	407671	28	350
028003/64	13	93,000	028625/02	12	160,000	028746/02	12	250,000	407672	28	350
028003/66	13	102,000	028626/00	12	145,000	028747/00	12	280,000	407673	28	350
028004/64	13	94,000	028626/02	12	164,000	028747/02	12	290,000	407674	28	500
028004/66	13	105,000	028627/00	12	170,000	028748/00	12	330,000	407675	28	500
028012/64	13	120,000	028627/02	12	190,000	028748/02	12	360,000	407676	28	500
028012/66	13	126,000	028628/00	12	200,000	028806	14	2,400	407796	28	750
028013/64	13	123,000	028628/02	12	230,000	028814	14	5,000	407798	28	750
028013/66	13	128,000	028641/00	12	142,000	028815	14	1,300	407800	28	750
028014/64	13	126,000	028641/02	12	160,000	028823	14	5,400	407801	28	750
028014/66	13	130,000	028642/00	12	146,000	028824	14	3,100	407802	28	750

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Item Code	Page No.	Price	Item Code	Page No.	Price	Item Code	Page No.	Price	Item Code	Page No.	Price
407803	28	750	409256	29	1,250	412139	37	2,200	412281	43	27,000
407804	28	1,100	409257	29	1,250	412142	37	2,700	412282	43	40,000
407805	28	1,100	409258	29	2,000	412146	37	3,800	412283	43	44,000
407806	28	1,100	409259	29	2,000	412147	37	3,900	412284	43	11,000
407855	28	1,000	409260	29	2,000	412149	37	4,500	412285	43	11,000
407857	28	1,000	409280	29	5,600	412150	37	4,800	412286	43	14,500
407859	28	1,000	409281	29	5,600	412151	37	5,500	412297	43	600
407860	28	1,000	409282	29	5,600	412152	37	5,500	412299	43	800
407861	28	1,000	409333	29	1,900	412153	37	7,000	412300	43	1,400
407862	28	1,000	409334	29	1,900	412154	37	7,300	412301	43	900
407863	28	1,400	409336	29	1,900	412162	37	6,300	412302	43	1,200
407864	28	1,400	409337	29	1,900	412163	37	7,000	412303	43	1,400
407865	28	1,400	409338	29	1,900	412164	37	9,000	412310	43	1,200
407924	28	1,800	409339	29	1,900	412165	37	9,000	412398	43	1,300
407926	28	1,800	409340	29	2,500	412166	37	13,000	415160	40	1,200
407928	28	1,800	409341	29	2,500	412167	37	13,000	415161	40	2,200
407929	28	1,800	409342	29	2,500	412168	37	15,000	415162	40	3,000
407930	28	1,800	409362	29	7,500	412169	37	20,000	415163	40	3,200
407931	28	1,800	409363	29	7,500	412220	43	1,300	415164	40	3,500
407932	28	2,100	409364	29	7,500	412221	43	1,600	415165	40	3,700
407933	28	2,100	412052	36	11,500	412223	43	3,000	415166	40	3,900
407934	28	2,100	412053	36	15,000	412224	43	2,400	415167	40	4,500
409111	29	450	412055	36	4,000	412225	43	3,700	415168	40	4,800
409112	29	450	412056	36	8,500	412226	43	2,400	415169	40	1,300
409114	29	450	412057	36	4,000	412227	43	3,700	415170	40	2,300
409115	29	450	412058	36	5,000	412240	43	1,400	415171	40	3,100
409116	29	450	412059	36	1,900	412241	43	1,900	415172	40	3,300
409117	29	450	412060	36	4,000	412242	43	3,300	415173	40	3,700
409118	29	700	412061	36	5,500	412243	43	3,500	415174	40	4,000
409119	29	700	412101	37	800	412244	43	2,600	415175	40	4,300
409120	29	700	412102	37	800	412245	43	4,200	415176	40	4,800
409140	29	2,100	412103	37	800	412246	43	2,600	415177	40	5,200
409141	29	2,100	412104	37	800	412247	43	4,200	415178	40	1,400
409142	29	2,100	412105	37	800	412250	43	1,400	415179	40	2,400
409199	29	900	412106	37	800	412251	43	2,700	415180	40	3,300
409200	29	900	412107	37	850	412252	43	4,000	415181	40	3,500
409202	29	900	412112	37	1,000	412253	43	5,000	415182	40	3,900
409203	29	900	412114	37	1,050	412254	43	3,200	415183	40	4,200
409204	29	900	412116	37	1,050	412255	43	5,800	415184	40	4,500
409205	29	900	412117	37	1,150	412256	43	3,200	415185	40	5,000
409206	29	1,400	412119	37	1,200	412257	43	5,800	415186	40	5,500
409207	29	1,400	412123	37	1,150	412270	43	1,700	415187	40	6,200
409208	29	1,400	412124	37	1,150	412271	43	3,200	415188	40	3,000
409228	29	3,500	412125	37	1,200	412272	43	5,500	415189	40	3,500
409229	29	3,500	412126	37	1,300	412273	43	6,300	415190	40	3,900
409230	29	3,500	412131	37	1,400	412274	43	4,000	415191	40	4,200
409251	29	1,250	412132	37	1,600	412275	43	9,200	415192	40	5,500
409252	29	1,250	412133	37	1,700	412276	43	4,000	415193	40	6,000
409254	29	1,250	412136	37	1,600	412277	43	9,200	415194	40	7,000
409255	29	1,250	412138	37	1,950	412280	43	16,000	416086	48	650

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416096	48	690	417026	49	550	417320	46	1,800	417379	46	8,600
416106	48	890	417036	49	550	417321	46	1,800	417400	47	450
416116	48	1,100	417046	49	600	417322	46	1,800	417401	47	450
416126	48	1,600	417056	49	600	417323	46	1,800	417402	47	450
416136	48	2,100	417066	49	650	417324	46	1,800	417403	47	390
416146	48	2,900	417076	49	650	417325	46	1,800	417404	47	390
416166	48	3,300	417080	49	650	417326	46	1,800	417405	47	390
416186	48	3,900	417081	49	650	417327	46	1,800	417406	47	590
416206	48	4,400	417082	49	650	417328	46	1,800	417407	47	590
416226	48	6,000	417083	49	650	417329	46	1,800	417408	47	590
416660	48	1,200	417084	49	650	417330	46	1,800	417412	47	890
416661	48	1,200	417085	49	650	417331	46	1,900	417421	47	890
416662	48	1,200	417086	49	650	417332	46	1,900	417422	47	890
416663	48	1,200	417087	49	650	417333	46	1,900	417432	47	1,100
416664	48	1,200	417088	49	650	417334	46	1,900	417440	47	180
416665	48	1,200	417089	49	650	417335	46	1,900	417441	47	180
416666	48	1,200	417090	49	650	417340	46	1,700	417442	47	180
416667	48	1,200	417091	49	650	417341	46	1,700	417443	47	180
416668	48	1,200	417092	49	650	417342	46	1,700	417448	47	250
416669	48	1,200	417093	49	650	417343	46	1,700	417449	47	250
416670	48	1,200	417141	49	710	417344	46	1,700	417450	47	250
416671	48	1,200	417146	49	800	417345	46	1,700	417451	47	250
416672	48	1,200	417150	48	220	417346	46	1,700	417452	47	310
416673	48	1,200	417151	48	220	417347	46	1,700	417453	47	310
416674	48	1,200	417152	48	220	417348	46	1,700	417454	47	310
416675	48	1,200	417153	48	270	417349	46	1,700	417455	47	310
416676	48	1,200	417154	48	270	417350	46	1,700	417456	47	390
416677	48	1,200	417155	48	270	417351	46	1,800	417457	47	390
416703	48	2,100	417156	48	270	417352	46	1,800	417458	47	390
416704	48	2,100	417157	48	270	417353	46	1,800	417459	47	390
416705	48	2,100	417158	48	180	417354	46	1,800	417460	47	290
416706	48	2,100	417159	48	180	417355	46	1,800	417461	47	550
416707	48	2,100	417160	48	220	417360	46	4,400	417462	47	650
416708	48	2,100	417176	48	220	417361	46	4,400	417463	47	1,100
416709	48	2,100	417300	46	1,500	417362	46	4,400	417464	47	1,100
416710	48	2,100	417301	46	1,500	417363	46	4,400	417465	47	1,100
416743	48	3,300	417302	46	1,500	417364	46	4,400	417471	47	290
416744	48	3,300	417303	46	1,500	417365	46	4,400	417472	47	590
416745	48	3,300	417304	46	1,500	417366	46	4,400	417473	47	750
416746	48	3,300	417305	46	1,500	417367	46	4,500	417474	47	850
416747	48	3,300	417306	46	1,500	417368	46	4,500	417475	47	290
416748	48	3,300	417307	46	1,500	417370	46	8,100	417476	47	750
416749	48	3,300	417308	46	1,500	417371	46	8,100	417477	47	220
416750	48	3,300	417309	46	1,500	417372	46	8,100	417479	47	50
416751	48	3,300	417310	46	1,500	417373	46	8,100	417480	47	450
416874	48	650	417311	46	1,550	417374	46	8,100	417481	47	850
416875	48	900	417312	46	1,550	417375	46	8,100	419199	31	160
416876	48	900	417313	46	1,550	417376	46	8,100	419200	31	140
417006	49	550	417314	46	1,550	417377	46	8,100	419202	31	140
417016	49	550	417315	46	1,550	417378	46	8,600	419203	31	140

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419204	31	150	420237	18	6,700	422068	19	31,000	422511	19	23,000
419205	31	160	420238	18	6,700	422069	19	33,000	422512	19	23,000
419206	31	240	420239	18	6,700	422070	19	33,000	422519	19	23,000
419207	31	240	420267	18	7,200	422076	19	35,000	422520	19	23,000
419208	31	240	420268	18	7,200	422077	19	35,000	422521	19	24,500
419221	31	420	420269	18	7,200	422078	19	35,000	422522	19	24,500
419222	31	420	420335	18	17,000	422079	19	37,000	422540	20	45,000
419224	31	420	420337	18	17,000	422080	19	37,000	422541	20	51,000
419225	31	420	420339	18	17,000	422234	25	1,400	422542	20	51,000
419226	31	420	420365	18	18,000	422242	21, 25	2,300	422543	20	67,000
419227	31	420	420367	18	18,000	422248	21, 25	3,500	422552	20	48,000
419228	31	600	420369	18	18,000	422252	20	38,000	422553	20	54,000
419229	31	600	420637	18	19,500	422253	20	44,000	422554	20	54,000
419230	31	600	420638	18	19,500	422254	20	44,000	422555	20	70,000
419232	31	750	420639	18	19,500	422264	20	40,000	422564	20	52,000
419233	31	750	421000	18	1,400	422265	20	47,000	422565	20	59,000
419235	31	750	421004	18	2,300	422266	20	47,000	422566	20	59,000
419236	31	750	421006	18	6,300	422276	20	42,000	422567	20	79,000
419237	31	750	421008	18	8,500	422277	20	50,000	422592	21	3,400
419238	31	750	421010	18	1,700	422278	20	50,000	422680	15	21,000
419239	31	990	421011	18, 21, 25	1,000	422300	20	55,000	422682	15	39,500
419240	31	990	421013	18	1,000	422301	20	62,000	422683	15	63,500
419241	31	990	421016	18	1,000	422302	20	62,000	422686	15	14,500
420040	18	2,950	421019	18	2,600	422303	20	78,000	422687	15	7,000
420041	18	2,950	421022	18	2,800	422312	20	59,000	422688	15	17,000
420042	18	2,950	421049	18	1,100	422313	20	66,000	422689	15	7,000
420043	18	2,950	421058	18	1,600	422314	20	66,000	422690	15	4,500
420044	18	2,950	421061	18	15,500	422315	20	84,000	422691	15	5,000
420045	18	2,950	421062	18	6,500	422324	20	65,000	422692	15	6,200
420046	18	3,100	421071	18	200	422325	20	72,000	426230	25	300
420047	18	3,100	421072	18	280	422326	20	72,000	426240	25	800
420080	18	3,100	422001	19	15,000	422327	20	92,000	426244	25	1,500
420081	18	3,100	422002	19	15,000	422396	20	57,000	426247	25	3,000
420082	18	3,100	422003	19	16,500	422397	20	62,000	426248	25	300
420083	18	3,100	422004	19	16,500	422398	20	63,000	426250	25	6,900
420084	18	3,100	422015	19	16,500	422399	20	80,000	426251	25	7,100
420085	18	3,100	422016	19	16,500	422408	20	62,000	426350	25	6,900
420086	18	3,300	422017	19	17,500	422409	20	70,000	426352	25	7,900
420087	18	3,300	422018	19	17,500	422410	20	70,000	427000	24	1,830
420120	18	3,400	422029	19	17,500	422411	20	88,000	427001	24	1,830
420121	18	3,400	422030	19	17,500	422420	20	65,000	427002	24	1,830
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420123	18	3,400	422032	19	19,000	422422	20	73,000	427004	24	1,830
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420125	18	3,400	422057	19	29,500	422499	19	20,500	427006	24	1,990
420126	18	3,600	422058	19	29,500	422500	19	20,500	427007	24	1,990
420127	18	3,600	422059	19	31,000	422501	19	22,000	427008	24	1,990
420207	18	6,300	422060	19	31,000	422502	19	22,000	427009	24	1,990
420208	18	6,300	422066	19	31,000	422509	19	21,500	427020	24	2,150
420209	18	6,300	422067	19	31,000	422510	19	21,500	427021	24	2,150

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427022	24	2,150
427023	24	2,150
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427025	24	2,150
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427027	24	2,250
427028	24	2,250
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427042	24	1,400
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427044	24	1,290
427045	24	1,290
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427048	24	1,500
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427067	24	2,600
427068	24	2,600
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427116	25	3,800
427117	25	3,900
427124	25	4,500
427125	25	4,500
427126	25	4,700

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427127	25	4,700
427128	25	4,700
427129	25	5,000
427140	24, 25	950
427141	24, 25	950
427142	24, 25	1,400
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427164	24, 25	3,500
427170	24	490
427171	24	490
427174	25	950
427176	24	670
427177	24	1,950
427178	25	870
427179	25	2,100
427180	24, 25	400
427181	24, 25	180
427183	24	440
427185	25	520
427187	24	170
427188	25	430
427189	24	630
427190	24	460
427191	24	400
427220	24	2,250
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427225	24	2,800
427228	25	3,600
427230	25	3,800
427232	25	4,500
427234	25	12,000
427235	25	12,000
427236	25	13,500
427237	25	13,500
427242	25	13,000
427243	25	13,000
427244	25	14,500
427245	25	14,500
427250	25	6,800
427251	25	8,200
427252	24	200
427255	24	1,990
427257	24	2,250
427259	24	2,600
605202	40	1,800
ALPTEC3.2	40	7,300
ALPTEC5.2	40	9,700
ALPTEC8.2	40	15,000

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ATS028621 /00	15	380,380
ATS028622 /00	15	389,180
ATS028623 /00	15	395,780
ATS028624 /00	15	402,380
ATS028625 /00	15	408,980
ATS028626 /00	15	417,780
ATS028627 /00	15	472,780
ATS028628 /00	15	538,780
ATS028641 /00	15	411,180
ATS028642 /00	15	419,980
ATS028643 /00	15	428,780
ATS028644 /00	15	437,580
ATS028645 /00	15	446,380
ATS028646 /00	15	455,180
ATS028647 /00	15	516,780
ATS028648 /00	15	560,780
ATS420045	21	67,650
ATS420046	21	67,980
ATS420047	21	67,980
ATS420085	21	67,980
ATS420086	21	68,420
ATS420087	21	68,420
ATS420125	21	68,640
ATS420126	21	69,080
ATS420127	21	69,080
ATS420208	21	75,020
ATS420209	21	75,020
ATS420238	21	75,900
ATS420239	21	75,900
ATS420268	21	77,000
ATS420269	21	77,000
ATS422001	21	136,950
ATS422002	21	136,950
ATS422003	21	140,250
ATS422004	21	140,250
ATS422015	21	140,250
ATS422016	21	140,250
ATS422017	21	142,450
ATS422018	21	142,450
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ATS422253	21	302,500
ATS422254	21	302,500
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ATS422265	21	309,100
ATS422266	21	309,100
ATS422543	21	353,100
ATS422555	21	327,000
EXT2GR	40	2,000
EXT3GR	40	3,500
EXTETH	40	20,000
EXTRS485	40	6,500

NOTE

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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Cablofil มีให้เลือกหลายขนาดและสี เพื่อให้สามารถใช้งานได้หลากหลายตามความต้องการ
Cablofil มีให้เลือกหลายขนาดและสี เพื่อให้สามารถใช้งานได้หลากหลายตามความต้องการ
Cablofil มีให้เลือกหลายขนาดและสี เพื่อให้สามารถใช้งานได้หลากหลายตามความต้องการ

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