



AIR CIRCUIT BREAKERS
FROM 630 A to 2500 A

DMX-SP

EFFICIENT PROTECTION
FOR YOUR
INSTALLATIONS



CATALOGUE
PAGES INSIDE

#legrandImprovingLives

legrand®

LIVE THE ADVANTAGE

DMX-SP, THE IDEAL SOLUTION FOR ROUTINE PROJECTS

With DMX-SP, Legrand offers you a new range of air circuit breakers and trip free switches that meet the performance requirements of any standard installation for current ratings up to 2500 A and breaking capacities up to 50 kA. Quality, reliability and strength are the main attributes of this new range, which provides effective protection for all your installations.



DMX-SP 2500
FIXED OR DRAW-OUT ACBs



DMX-SP-I 2500
Fixed or Draw-out TRIP FREE SWITCHES



**THE DMX-SP RANGE CAN ADAPT
TO ANY INSTALLATION WITHOUT
SPECIAL REQUIREMENTS**

IN TERMS OF BREAKING CAPACITY,
OR CONTINUITY OF SERVICE. IT IS
IDEAL FOR EFFECTIVELY PROTECTING
INSTALLATIONS. SUCH AS RESIDENTIAL,
COMMERCIALS, HOSPITALS,
INFRASTRUCTURE AND INDUSTRIES.

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DMX-SP, A COMPLETE RANGE



DMX - SP 2500
and **DMX-SP-I 2500**
Fixed or draw-out
version

FOR 630 A TO 2500 A INSTALLATIONS

These products are easy to use and install, and provide effective protection for your installation. There is a choice of two sizes, available with 3 and 4 poles, in fixed or draw-out versions and equipped with appropriate electronic protection units depending on the desired service level. This offer also includes a range of control and signalling auxiliaries and connection accessories for perfect integration in any electrical installation, however it is configured.

DMX-SP is equipped with an inbuilt Anti-Pumping feature, which ensures that the mechanism prevents the breaker from repeatedly opening and closing when it receives simultaneous open and close commands.

CONFORMING
TO
STANDARDS

DMX-SP 2500 ACBs CONFORMING TO **STANDARD IEC 60947-2**

DMX-SP-I 2500 TRIP FREE SWITCHES CONFORMING TO **STANDARD IEC 60947-3**

	DMX-SP 2500 and DMX-SP-I 2500 Fixed or draw-out version			
NOMINAL CURRENT I _n (A)				
	3P	4P		
630	✓	✓		
800	✓	✓		
1000	✓	✓		
1250	✓	✓		
1600	✓	✓		
2000	✓	✓		
2500	✓	✓		

RATED OPERATING VOLTAGE U_e (V)	
	690

DIMENSIONS (mm)				
	Fixed version		Draw-out version	
	3P	4P	3P	4P
Height	321	321	358	358
Width	321	406	351	436
Depth	254	254	377	377

BREAKING CAPACITY I_{cu} (kA)	
	DMX - SP 2500
50 kA (415 V~)	x



COMPACT, OPTIMISED DIMENSIONS

The compact dimensions of DMX-SP air circuit breakers optimise the use of space inside the enclosure so the most appropriate size of enclosure can be chosen.

DMX-SP, MAXIMUM ACCURACY & FLEXIBILITY

PROTECTION UNITS

MP2.10 WITH LED MATRIX
SCREEN
FOR DMX-SP 2500



MP2.10
0 283 00

MP4.10 WITH LCD SCREEN
FOR DMX-SP 2500



MP4.10
0 283 02

TWO TYPES OF CONFIGURABLE PROTECTION UNITS

DMX-SP air circuit breakers are factory-fitted with two types of configurable protection units, MP2.10 and MP4.10, which guarantee an excellent level of protection, not to mention maximum accuracy and flexibility due to their multiple setting options.

Advanced functions such as communication or logical selectivity, meet every need at any level, as close as possible to the needs of your installation.

ALL DMX³ BREAKERS ARE FACTORY EQUIPPED WITH MP 2.10 PROTECTION UNITS YOU JUST NEED TO SELECT AND INDICATE THE 2 CATALOGUE NUMBERS WHEN PLACING THE ORDER (1 FOR THE BREAKER AND 1 FOR THE TRIPPING UNIT).

1 MP2.10 & MP4.10 PROTECTION UNITS

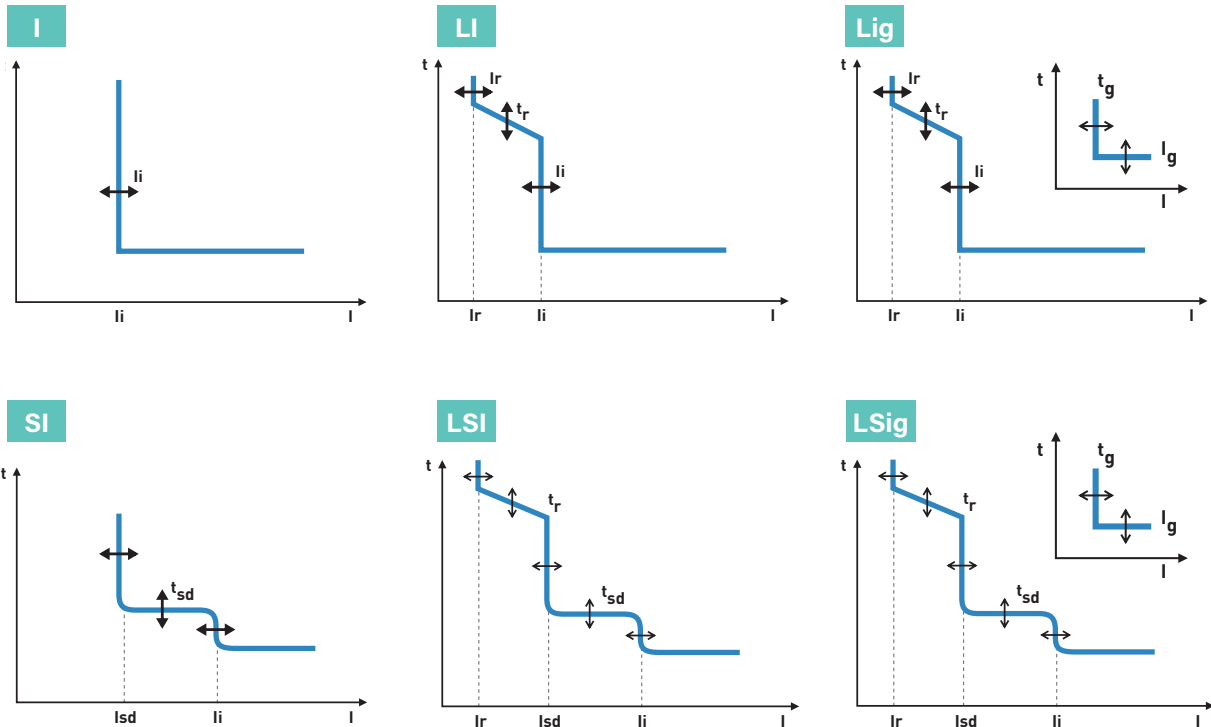


- 1** Display for common measurements and settings
- 2** Rotary selector switch for setting trip thresholds and navigating around the menu
- 3** Micro USB port for either:- connecting the protection unit to a computer (to run tests, configure or manage the protection unit using a PC equipped with the Power Control Station software) or - fitting it with a Bluetooth communication key Cat.No 0 283 10 (to run tests, display parameters or manage the protection unit using a tablet or smartphone, equipped with the EnerUp+ Project app)
- 4** LED indicating that the protection unit is in good working order or an alarm has tripped
- 5** Test button

	MP2.10	MP4.10
	PU WITH LED MATRIX	PU WITH LCD
MEASURES AND VISUALIZATIONS		
Current	▪	▪
Voltage Ph/N and Ph/Ph		
Position: open/closed/tripped	▪	▪
Date, time and reason of last tripping	▪	▪
Protection required	▪	▪
Log		
Trip log	▪	▪
Current not interrupted	▪	▪
Dates, time and reason of last 20 tripping	last trip history	▪
Out of voltage setting	▪	▪
Out of voltage history log reading	▪	▪
External connections		
USB port for SW or App (diagnostic, configuration, monitoring..)	▪	▪
Auxiliaries easy fitting	▪	▪
Supervision (EMS port)	▪	▪
Supervision (Modbus RS485)	with EMS module	with EMS module
Signals and alarms		
Over-temperature 90°C	▪	▪
Logical selectivity	▪	▪

DMX-SP, CONFIGURE YOUR PROTECTION DEVICES IN COMPLETE FREEDOM

EXAMPLES OF TRIPPING CURVES



FULLY CONFIGURABLE PROTECTION UNITS

The new MP 2.10 protection unit is fully configurable. It can be used to adapt settings as closely as possible to the requirements of your installation, either by enabling/disabling the different protection devices (currents and tripping times), or by altering the different trip thresholds. The tripping curve is thus fully customised to suit the real-life conditions of each project.

Protection units with integrated measurement function can also be used to display voltages, active and reactive powers, frequency, power factor, and also energy, in addition to monitoring currents. Alarms can be programmed on a number of these parameters: max. voltage, min. voltage, voltage imbalance, max. and min. frequency, etc.

I_r → Long time delay protection against overloads I_r from 0.2 to 1 x I_n with steps of 1 A. Protection: ON/OFF

t_r → Long delay protection operation time t_r from 40 ms to 30 s (@6 I_r) with steps of 40 ms. Thermal memory: ON/OFF

I_{sd} → Short time delay protection against short circuits I_{sd} from 1.5 to 10 x I_r with steps of 1 A. Protection: ON/OFF

t_{sd} → Short time delay protection operation time t_{sd} from 40 ms to 1 s with steps of 40 ms (both $t=k$ and $I^2t=k$)

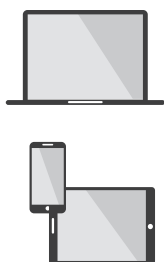
I_i → Instantaneous protection against very high short circuits I_i from 2 to 15 x I_n or I_{cw} with steps of 1 A. Protection: ON/OFF

I_g → Earth fault current I_g from 0.2 to 1 x I_n with steps of 1 A. Protection: ON/OFF

t_g → Time delay on earth fault tripping t_g from 80 ms to 1 s with steps of 40 ms (both $t=k$ and $I^2t=k$)

I_N → Neutral protection OFF - 50% - 100% - 200

OPERATION WITH SOFTWARE AND APP



Protection units can be managed: directly on the protection units (using the rotary selector switch), on a PC pre-equipped with the Power Control Station software or on a tablet or smartphone via the EnerUp+ Project app.

Power Control Station software for PCs or EnerUp+ Project app for smartphone / tablet allow to exchange data with the protection unit of the DMX-SP.

The software or the app allows to:

- monitor the status of the breaker,
- display information (firmware and device versions, alarms, measurements, parameters, fault history, settings),
- configure the different protections⁽¹⁾,

- update the firmware of the protection unit⁽²⁾,
- generate reports based on the data stored and read by the protection unit⁽¹⁾,
- run diagnostic tests,
- upload onto the Cloud the data linked to your profile and installation⁽³⁾.

(1) Only with Power Control Station software - (2) Only for Legrand technical assistance via Power Control Station software - (3) Only with EnerUp+ Project app.

CONFIGURATION ON A PC WITH THE POWER CONTROL STATION SOFTWARE



Any model in the MP 2.10 range



USB-C > USB-3 or USB-C > USB-C cables



Easy reading of the different parameters: current, power, state



Example of Start menu

This menu displays the values of I1, I2, I3, IN and Ig, the type and status of the circuit breaker, the breaking capacity, the number of poles, the neutral position, the temperature and overtemperature intervention threshold.



Example of Configuration menu

This menu allows the setting of the different parameters of the breaker according to the tripping curves (time/current and ground fault curves).

MANAGEMENT ON A SMARTPHONE/TABLET

EnerUp+ Project app (available on the Apple Store and Google Play)



Any model in the MP2.10/4.10 range



O 283 10 Bluetooth dongle



EnerUp+ Project app



Start menu

This menu gives access to different options like: the overview of connected device, real time monitoring, device test, etc...



Device overview menu

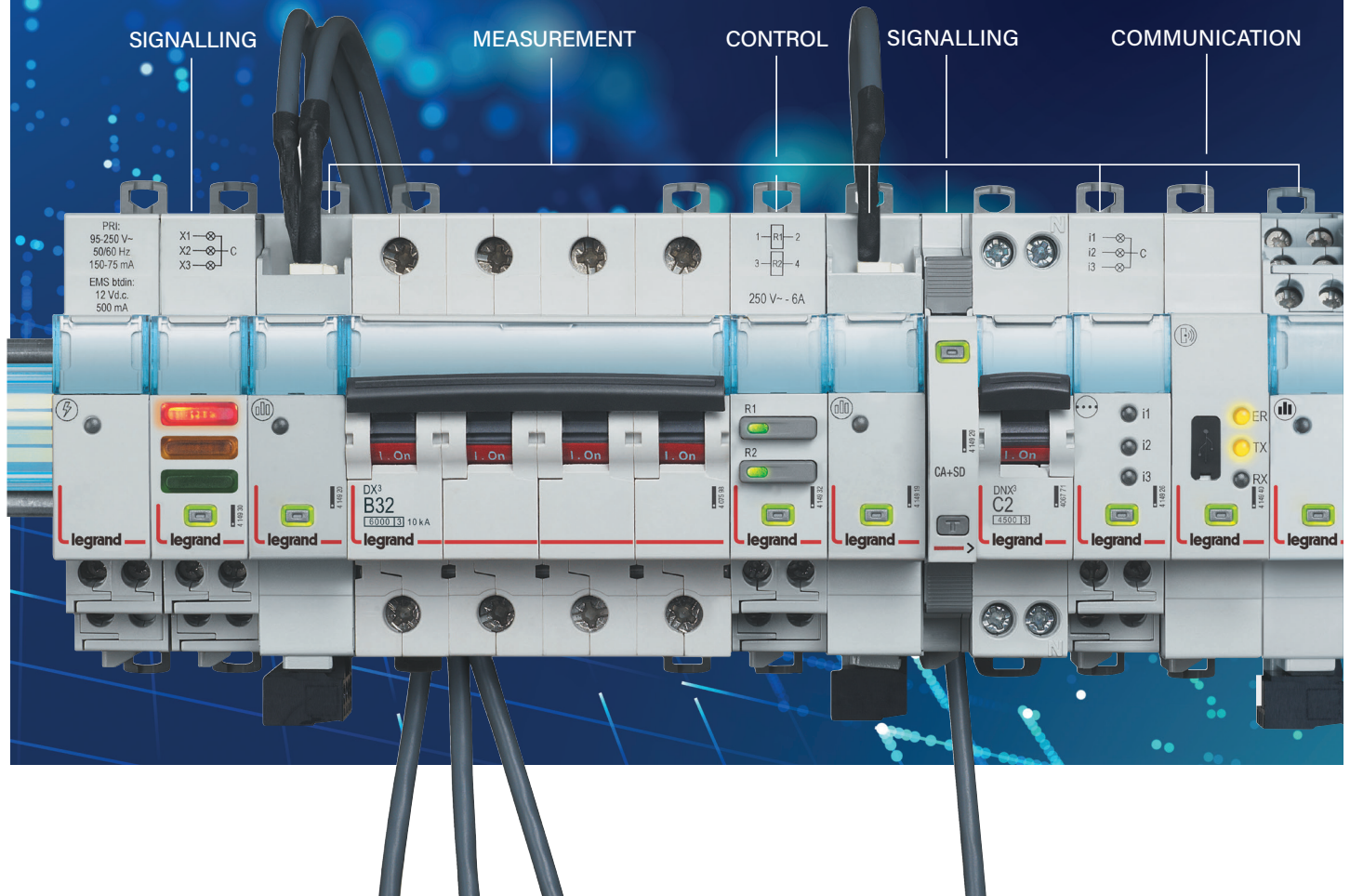
This menu displays the essential information linked to the circuit breaker like: the name, the serial number, the location the status and the parameters of the circuit breaker.



Realtime monitoring menu

This menu displays the values of current, voltage, power and the status of the circuit breaker.

CX³ EMS, A UNIVERSAL & INNOVATIVE ENERGY MANAGEMENT SYSTEM



DISPLAY, MEASURE AND CONTROL THE INSTALLATION REMOTELY AND/OR LOCALLY

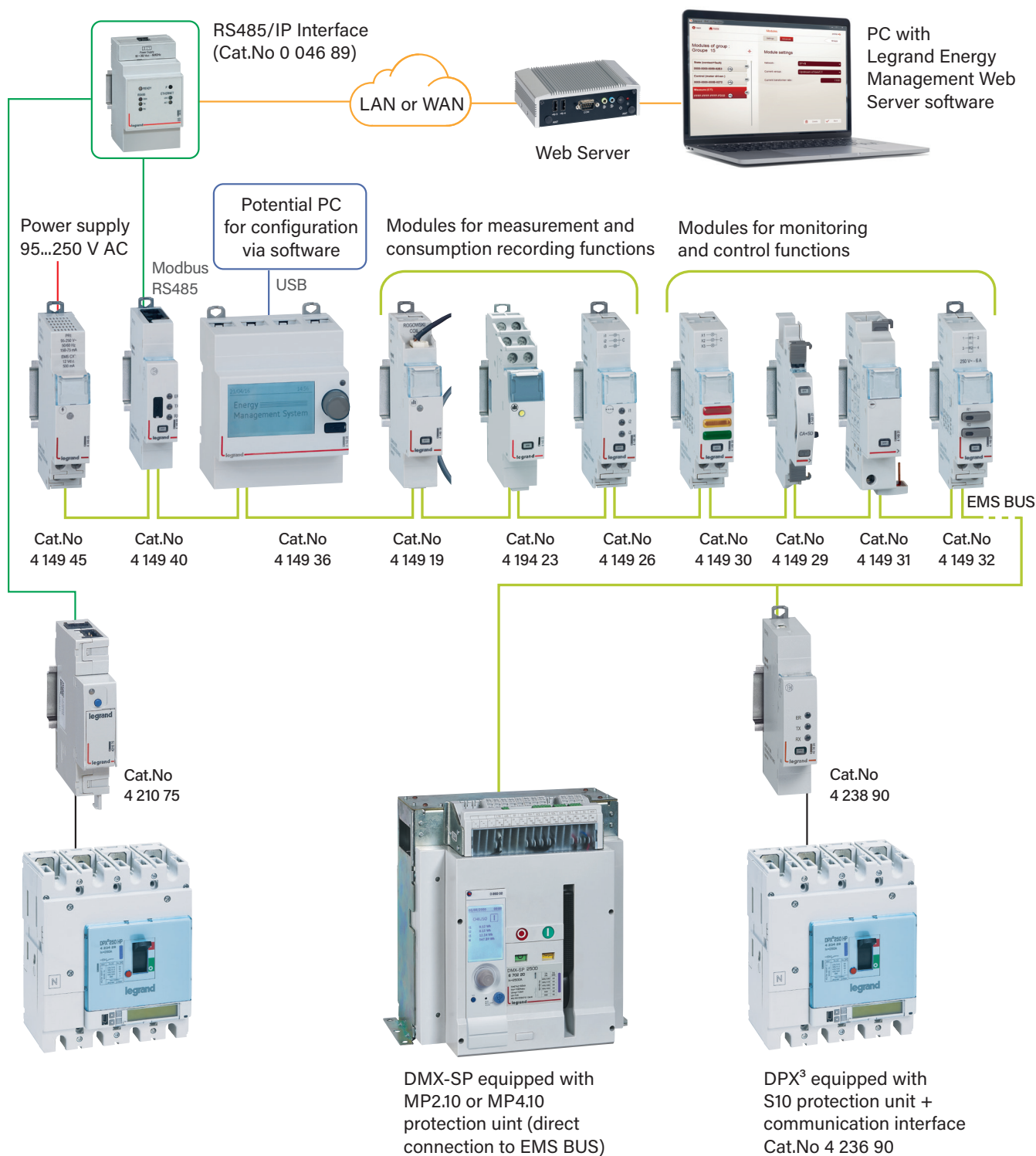
The Legrand CX³ EMS energy management system was created to supervise and manage energy consumption within the building, guaranteeing reliability and continuity of service for maximum efficiency. It is a simplified supervision system able to display, measure and control the installation remotely and/or locally. Thanks to the innovative automatic connection system, it is easy to assemble and does not require any changes to the existing electrical switchboard wiring.

The CX³ EMS system consists of DIN rail mounting modules.

The CX³ EMS system does not require a minimum number of modules and it also makes monitoring easy. Thanks to its scalability, new functions can be added at any time depending on the needs of the installation.

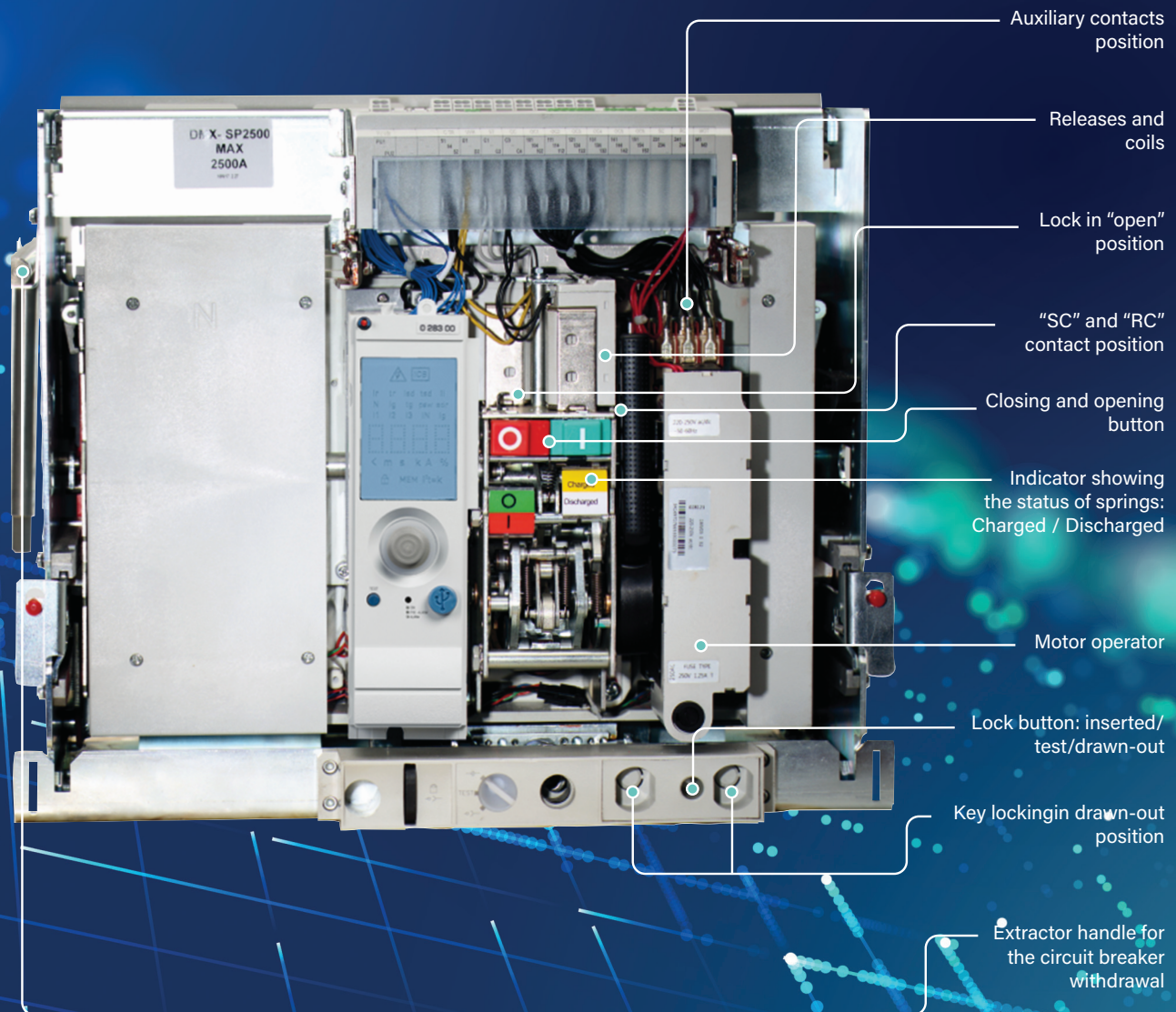
SCHEMATIC DIAGRAM

The EMS CX³ modules are compatible with all Legrand protection devices, from simple modular circuit breakers to DPX³ molded case circuit breakers or DMX-SP air circuit breakers.



For DPX³ and DMX³ devices equipped with protection units with integrated measurement, the measured values are automatically fed back to the Legrand Energy Management Web Server software.

AUXILIARIES, SIMPLICITY AND TIME SAVING

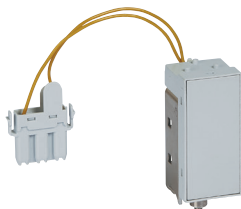


REMOTE CONTROL AND SIGNALLING

The complete range of control and signalling auxiliaries (shunt releases or undervoltage releases, motor operators, auxiliary contacts, etc) can be used to control DMX-SPs remotely and relay information concerning the status of the device contacts. All the control auxiliaries simply clip into the circuit breaker after removing the front panel. They are fitted with quick-connect connectors for maximum time saving when wiring the terminal block provided for this purpose.

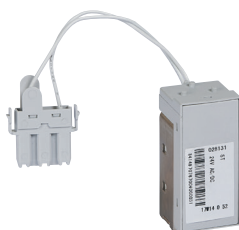
All control accessories can be easily installed without any special tool and very short time. The installation is to be done on the front panel of the air circuit breaker. In that way, the separation between power and control circuits is guaranteed.

1 SHUNT RELEASES



Shunt trips are devices used for the remote instantaneous opening of the air circuit breaker. They are generally controlled through an N/O type contact. The actual offer of shunt trips proposes different supply voltages from 24 V to 480 V (440 V for DMX-SP 2500 frame), compatibles with AC and DC currents. The shunt trips are already equipped with a special fast connector, to be directly inserted into auxiliary contacts block. An auxiliary contact is connected in series with the coil, cutting off its power supply when the main poles are open.

2 UNDERVOLTAGE RELEASES



Undervoltage releases are devices which are generally controlled by an N/C type contact. The trigger instantaneous opening of the circuit breaker if their supply voltage drops below a certain threshold and in particular if the control contact opens. These releases are equipped with a device for limiting their consumption after the circuit has been closed.

3 CLOSING COIL



These coils are used for remotely controlling the closing of the power contacts of the circuit breaker. The springs of the circuit breaker are to be loaded prior to the action of the closing coils. They are controlled by an N/O type contact.

4 MOTOR OPERATORS



Motor operators, are used for remotely reloading the springs of the circuit breaker mechanism immediately after the device closes. The device can thus be re-closed almost immediately after an opening operation. To motorise a DMX-SP it is necessary to add a release coil (undervoltage release or shunt trip) and a closing coil. If the supply voltage of the controls fails, it is still possible to reload the springs manually. Motor-driven controls have "limit switch" contacts which cut off the power supply of their motor after the springs have been reloaded. Motor operators are easy to mount, with only three screws.

DMX-SP, QUICK INSTALLATION & ADAPTABILITY



CONNECTION ACCESSORIES

Connection accessories are quick to install and are totally adaptable to different busbar configurations in the distribution board: flat, vertical or horizontal connection.

1 DMX-SP FIXED VERSION

→ Flat connection with bars

The type of rear terminals can be easily changed according to your needs.

DMX-SP 2500: Cat.Nos 0 288 84/85

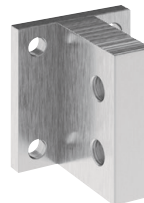
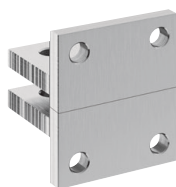


→ Horizontal connection : directly on the device

→ Vertical connection with bars

This type of connection uses 2 accessories: the previous rear terminals for flat connection, which must be equipped with the vertical ones.

DMX-SP 2500
Cat.Nos 0 288 84/85 + 0 288 96/97



→ Spreaders strips - DMX-SP 2500 only

For any situation requiring a bigger width for a safe connection (i.e. aluminium bus bars).



Flat connection

3P : Cat.No 0 288 86

4P : Cat.No 0 288 87



Vertical connection

3P : Cat.No 0 288 88

4P : Cat.No 0 288 89



Horizontal

3P : Cat.No 0 288 90

4P : Cat.No 0 288 91

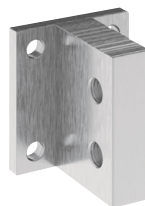
2 DMX-SP DRAW-OUT VERSION

→ Flat connection : directly on the device

→ Horizontal/vertical connection with bars

Draw-out version of the DMX-SP breakers is supplied with rear terminals for flat connection with bars. You can easily transform those terminals into vertical or horizontal type by using the unique reversible connector.

DMX-SP 2500: Cat.Nos 0 288 96/97



OR



90°

Air circuit breakers DMX-SP 2500

from 630 to 2500 A



6 702 44 + 0 283 00



Dimensions **p. 22**
Technical characteristics **p. 15**

Automatic air circuit breakers must be equipped with DMX-SP 2500 electronic protection units Cat.No 0 283 00/01/02/03, imperatively ordered together for factory assembly
Please ask for DMX-SP order form
Conform to IEC 60947-2

Pack	Cat.Nos	Fixed version
		Supplied with - 4 Auxiliary contacts: NO/NC - door sealing
	Frame 2500 3P	Breaking capacity Icu 50 kA (415 V~) In(A)
1	DMXS106N3MFxx	630
1	DMXS108N3MFxx	800
1	DMXS110N3MFxx	1000
1	DMXS112N3MFxx	1250
1	DMXS116N3MFxx	1600
1	DMXS120N3MFxx	2000
1	DMXS125N3MFxx	2500
	4P	Breaking capacity Icu 50 kA (415 V~)
1	DMXS106N4MFxx	630
1	DMXS108N4MFxx	800
1	DMXS110N4MFxx	1000
1	DMXS112N4MFxx	1250
1	DMXS116N4MFxx	1600
1	DMXS120N4MFxx	2000
1	DMXS125N4MFxx	2500

		Draw-out version
		Supplied with: - 4 Auxiliary contacts: NO/NC - door sealing To be installed on a draw-out base
	Frame 2500 3P	Breaking capacity Icu 50 kA (415 V~) In(A)
1	DMXS106N3MDxx	630
1	DMXS108N3MDxx	800
1	DMXS110N3MDxx	1000
1	DMXS112N3MDxx	1250
1	DMXS116N3MDxx	1600
1	DMXS120N3MDxx	2000
1	DMXS125N3MDxx	2500
	4P	Breaking capacity Icu 50 kA (415 V~)
1	DMXS106N4MDxx	630
1	DMXS108N4MDxx	800
1	DMXS110N4MDxx	1000
1	DMXS112N4MDxx	1250
1	DMXS116N4MDxx	1600
1	DMXS120N4MDxx	2000
1	DMXS125N4MDxx	2500

DMX-SP 2500 electronic protection units



0 283 00

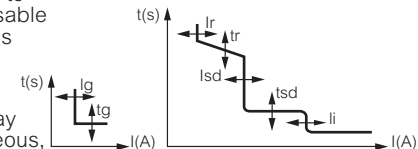
0 283 02



Settings and curves **see e-catalogue**

DMX-SP circuit breakers must be equipped with electronic protection units (to be ordered together for factory assembly) enabling very precise adjustments of the protection conditions, while maintaining total discrimination with downstream devices
Conform to IEC 60947-2

Pack	Cat.Nos	MP2.10 protection units with LED matrix screen
1	0 283 00	Integrated LED matrix screen to show electrical values and settings Adjustment via rotating encoder Adjustment of Ir, tr, isd, tsd, li, lg and tg Possibility to enable/disable protections Without measure and display instantaneous, maximum and average values of different electrical values and protection conditions Fault signaling and log



Pack	Cat.Nos	MP4.10 protection units with LCD screen
1	0 283 02	Integrated LCD screen for displaying electrical values, settings and log Equipped with batteries for powering in case of main fault or when the breaker is open or not connected Adjustment via rotating encoder Adjustmen of Ir, tr, isd, tsd, li, lg and tg Possibility to enable/disable protections and display instantaneous, maximum and average values of different electrical values and protection conditions Fault signaling and log

- Protection unit MP2.10, MP4.10 LSIG**
- **Long time delay protection against overloads**
Ir from 0.2 to 1 x In (Step 1A) - OFF
 - **Long delay protection operation time**
tr = 40 ms ÷ 30 s (step 40 ms)
 - **Short time delay protection against short circuits**
Isd from 1,5Ir to 10 Ir - OFF (step 1A)
 - **Short time delay protection operation time**
(t=k, I2t=k)
tsd = 40 ms ÷ 1 s (step 40 ms)
 - **Instantaneous protection against very high short circuits**
li from 2 to 15 In - OFF (step 1A)
 - **Earth fault current**
lg from 0.2 ÷ 1In - OFF (step 0.1In)
 - **Time delay on earth fault tripping (t=k, I2t=k)**
tg from 80 ms ÷ 1s (step 40 ms)
 - **Neutral protection**
IN = 50% - 100% - 150% - 200% - OFF

1: For detailed cat. No, refer page no.30

2: For the correct working of metering function it's necessary to connect a CX³ EMS power supply module Cat.No 4 149 45

3: EnerUp + Project App for smartphone and tablet available on Apple Store and Google Play. Configuration, monitoring and management software (PCS) available for download via e-catalogue (does not require the use of Bluetooth communication key Cat.No 0 283 10)

4: Optional accessories, to be ordered when ordering electronic protection unit and DMX-SP air circuit breakers for factory assembly

DMX-SP 2500 electronic protection units

Settings and curves **see e-catalogue**

DMX-SP circuit breakers must be equipped with electronic protection units (to be ordered together for factory assembly) enabling very precise adjustments of the protection conditions, while maintaining total discrimination with downstream devices
Conform to IEC 60947-2

1	4 149 45	Power supply module 500 mA 12V = stabilized power supply module for CX ³ energy management system	Number of modules 1
1	4 149 40	Communication interface RS485 / CX ³ energy management system conversion Consumption: 0.344 W - 28.7 mV (12 V =)	Number of modules 1
1	6 696 20 ³	External neutral For DMX-SP 2500	
1	0 283 10 ²	Bluetooth communication key USB key for Bluetooth communication with DMX-SP protection units. Needed to remotely configure, monitor and manage the DMX ³ protection units through EnerUp + Project App USB connection port on front of protection unit	

Temperature derating

Fixed / draw-out version

DMX-SP DMX-SP-I 2500	Temperature									
	up to 40°C		50°C		60°C		65°C		70°C	
	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n
Fixed version	630	1	630	1	630	1	630	1	630	1
	800	1	800	1	800	1	800	1	800	1
	1000	1	1000	1	1000	1	1000	1	1000	1
	1250	1	1250	1	1250	1	1250	1	1250	1
	1600	1	1600	1	1600	1	1600	1	1552	0.97
	2000	1	2000	1	1940	0.97	1840	0.92	1760	0.88
	2500	1	2500	1	2350	0.94	2250	0.9	2150	0.86
Draw-out version	630	1	630	1	630	1	630	1	630	1
	800	1	800	1	800	1	800	1	800	1
	1000	1	1000	1	1000	1	1000	1	1000	1
	1250	1	1250	1	1250	1	1250	1	1250	1
	1600	1	1600	1	1600	1	1552	0.97	1488	0.93
	2000	1	1920	0.96	1840	0.92	1760	0.88	1660	0.83
	2500	1	2400	0.96	2250	0.9	2100	0.84	1950	0.78

Trip free switches DMX-SP-I 2500

from 630 to 2500 A



6 702 29

Dimensions p. 22

Conform to IEC 60947-3

Pack	Cat.Nos	Fixed version
	Frame 2500	Supplied with: - 4 Auxiliary contacts: NO/NC - door sealing
	3P	In(A)
1	DMXS106S3MFxx	630
1	DMXS108S3MFxx	800
1	DMXS110S3MFxx	1000
1	DMXS112S3MFxx	1250
1	DMXS116S3MFxx	1600
1	DMXS120S3MFxx	2000
1	DMXS125S3MFxx	2500
	4P	
1	DMXS106S4MFxx	630
1	DMXS108S4MFxx	800
1	DMXS110S4MFxx	1000
1	DMXS112S4MFxx	1250
1	DMXS116S4MFxx	1600
1	DMXS120S4MFxx	2000
1	DMXS125S4MFxx	2500
	Frame 2500	Draw-out version
	3P	Supplied with: - 4 Auxiliary contacts: NO/NC - door sealing To be installed on a draw-out base
	In(A)	
1	DMXS106S3MDxx	630
1	DMXS108S3MDxx	800
1	DMXS110S3MDxx	1000
1	DMXS112S3MDxx	1250
1	DMXS116S3MDxx	1600
1	DMXS120S3MDxx	2000
1	DMXS125S3MDxx	2500
	4P	
1	DMXS106S4MDxx	630
1	DMXS108S4MDxx	800
1	DMXS110S4MDxx	1000
1	DMXS112S4MDxx	1250
1	DMXS116S4MDxx	1600
1	DMXS120S4MDxx	2000
1	DMXS125S4MDxx	2500

Auxiliaries and accessories
for DMX-SP 2500 p. 16-17



DMX SP 2500 and DMX-SP-I 2500

from 630 to 2500 A

Technical characteristics

Device	DMX-SP 2500	DMX-SP-I 2500
Frame	2500	2500
Rated current In (A)	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500	630 / 800 / 1000 / 1250 / 1600 / 2000 / 2500
Rated insulation voltage (50/60Hz) Ui (V)	1000	1000
Rated operational voltage (50/60Hz) Ue (V)	690	690
Rated impulse withstand voltage Uimp (kV)	12	12
Category of use	B	AC23A
Suitable for isolation	Yes	Yes
Breaking capacity at 415 V~ (kA)	50	-
	220 / 240 V~	50
	380 / 415 V~	50
Rated ultimate short-circuit breaking capacity Icu (kA)	50	-
	440 / 460 V~	50
	480 / 500 V~	50
IEC 60947-2	600 V~	42
	690 V~	42
Rated service short-circuit breaking capacity Ics (%Icu)	100	-
	220 / 240 V~	105
	380 / 415 V~	105
Rated short-circuit making capacity Icm (kA)	105	105
	440 / 460 V~	105
	480 / 500 V~	105
IEC 60947-2	600 V~	88
	690 V~	88
	220 / 240 V~	50
	380 / 415 V~	50
Rated short time withstand current Icw (kA) for t = 1 s	50	50
	440 / 460 V~	50
	480 / 500 V~	50
IEC 60947-2	600 V~	42
	690 V~	42
	220 / 240 V~	25
	380 / 415 V~	25
Rated Short time withstand current Icw (kA) for t = 3 s	25	25
	440 / 460 V~	25
	480 / 500 V~	25
IEC 60947-2	600 V~	25
	690 V~	25
	mechanical without maintenance	5000
Endurance (cycles)	mechanical with maintenance	10000
	electrical without maintenance	3000
	operation	-25°C to +70°C
Temperature	storage	-25°C to +85°C
	minimum Opening time (ms)	15
	minimum Breaking time (ms)	30
	maximum Closing time (ms)	50
	3P - Fixed	22
Weight (Kg)	3P - Drawout (2)	44
	4P - Fixed	27
	4P - Drawout (2)	54
	3P - Fixed	321
Height (mm)	3P - Drawout	357
	4P - Fixed	321
	4P - Drawout	357
	3P - Fixed	217
Depth (mm)	3P - Drawout	378
	4P - Fixed	217
	4P - Drawout	378
	3P - Fixed	321
Width (mm)	3P - Drawout	351
	4P - Fixed	406
	4P - Drawout	436
	operation	-25°C to +70°C
Temperature	storage	-25°C to +85°C

DMX-SP 2500 circuit breakers

DMX-SP-I 2500 switch disconnectors

Overview

Equipped with

ACBs are equipped with auxiliary contacts (4 NO/NC, expandable upto 6) and doorframe; besides:

- Fixed version: equipped with horizontal fixed terminals
- Draw-out version (only mobile part): to complete with the base, to get the complete draw-out version.
- Base for draw-out version: equipped with flat terminals, for connection with bars

Electrical Connections

Use only as a general guideline to select products. Due to extensive variety of switchgear installation shapes and conditions of use, the solution used must always be verified. If inter-poles air distance is less than 20mm, it's recommended use of phase insulators or insulated bars.

Minimum cross section of COPPER busbars per pole

Fixed version

Current (A)	Vertical bars (mm)	Horizontal bars (mm)
630	2 bars 40 x 5	2 bars 40 x 5
800	2 bars 50 x 5	2 bars 50 x 5
1000	1 bar 60 x 10 / 2 bars 60 x 5	1 bar 60 x 10 / 2 bars 60 x 5
1250	1 bar 80 x 10 / 2 bars 80 x 5	1 bar 80 x 10 / 2 bars 80 x 5
1600	2 bars 50 x 10	2 bars 50 x 10
2000	3 bars 50 x 10	3 bars 50 x 10
2500	3 bars 80 x 10	4 bars 80 x 10 / 5 bars 60 x 10

Draw-out version

Current (A)	Vertical bars (mm)	Horizontal bars (mm)
630	2 bars 40 x 5	2 bars 40 x 5
800	2 bars 50 x 5	2 bars 50 x 5
1000	2 bars 60 x 5	2 bars 60 x 5
1250	2 bars 80 x 5	2 bars 80 x 5
1600	2 bars 50 x 10	2 bars 50 x 10
2000	3 bars 50 x 10	3 bars 50 x 10
2500	3 bars 80 x 10	4 bars 80 x 10

For minimum recommended dimensions of aluminium busbars
Please, consult us

Equipments And Accessories

Control auxiliaries

• shunt trip: device trips when coil is energised

Rated operating voltage (U _e)	AC: 24V; 48V; 110V ÷ 130V; 220V ÷ 250V; 415V ÷ 440V DC: 24V; 48V; 110V ÷ 130V; 220V ÷ 250V
Voltage range (%U _e)	70 ÷ 110
Pick-up consumption (W / VA)	400 / 400
Pick-up time (ms)	300
Hold consumption (W / VA)	50 / 50
Minimum opening time (ms)	50
Insulation voltage (kV)	2.5

• undervoltage release: device trips when coil is de-energised

Rated operating voltage (U _e)	AC: 24V; 48V; 110V ÷ 130V; 220V ÷ 250V; 415V ÷ 440V DC: 24V; 48V; 110V ÷ 130V; 220V ÷ 250V
Voltage range (%U _e)	85 ÷ 110
Pick-up consumption (W / VA)	400 / 400
Pick-up time (ms)	300
Hold consumption (W / VA)	50 / 50
Minimum opening time (ms)	60
Insulation voltage (kV)	2.5

• Modules for delayed tripping (to be used with undervoltage releases)

Rated operating voltage (U _e)	AC: 110V / 230V DC: 110V / 230V
Voltage range (%U _e)	85 ÷ 110
Pick-up consumption (W / VA)	16.5 (@110V) / 34.5 (@230V)
Time delay (s)	1 ⁽¹⁾
Hold consumption (W / VA)	5 (@110V) / 10 (@230V)
Opening threshold	0.3 ÷ 0.75 U _e
Closing threshold	0.85 U _e
Operating temperature (°C)	-10 ÷ +55

⁽¹⁾ It is possible to connect up to 3 modules in series in order to get 3s of delay

• Motor operators

To motorize a DMX-SP, it is possible to connect to the motor operators a release coil (undervoltage or trip on energising) and a closing coil

Rated operating voltage (U _e)	AC: 24V; 48V; 110V ÷ 130V; 220V ÷ 250V; 415V ÷ 440V DC: 24V; 48V; 110V ÷ 130V; 220V ÷ 250V
Voltage range (%U _e)	85 ÷ 110
Maximum Power consumption (W / VA)	240 / 240
Maximum peak current for 80ms	(2 ÷ 3) × I _n
Charging time (s)	5
Operating frequency (cycles / min)	2

• Closing coils

To enable remote closing of the circuit breaker if the closing spring is charged

Rated operating voltage (U _e)	AC: 24V; 48V; 110V ÷ 130V; 220V ÷ 250V; 415V ÷ 440V DC: 24V; 48V; 110V ÷ 130V; 220V ÷ 250V
Voltage range (%U _e)	85 ÷ 110
Pick-up consumption (W / VA)	400 / 400
Pick-up time (ms)	300
Hold consumption (W / VA)	50 / 50
Minimum opening time (ms)	50
Isolation voltage (kV)	2.5

Signalling auxiliaries

• Signalling contact for draw-out version

Inserted / test / draw-out signalling contact

1 changeover contact per position (up to 2 contacts with double accessory if the lock button ref. 0 281 87 is not mounted) ref. 0 281 73

Rated operating voltage (U _e)	DC	250V 0.3A
	AC	250V 16A

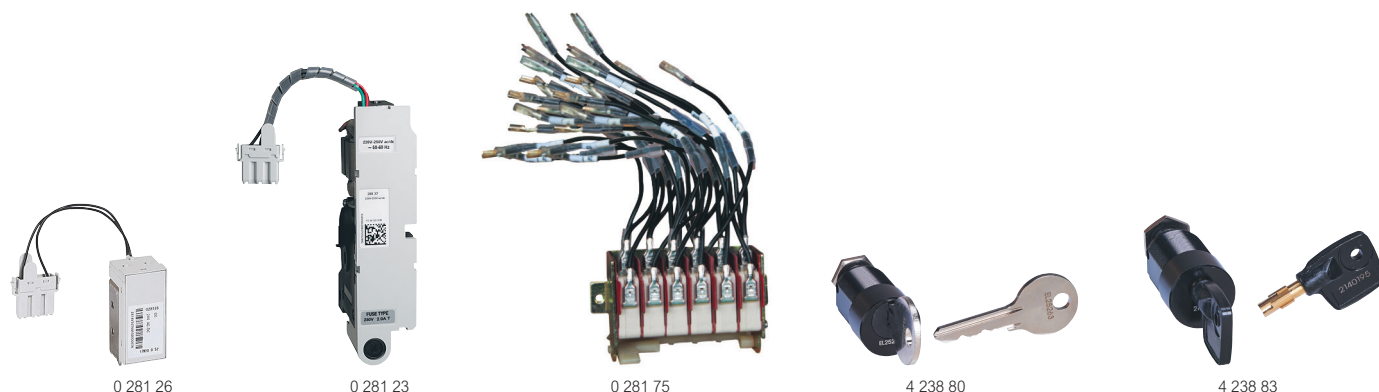
• Contact “ready to close” with charged springs ref. 0 281 74

Rated operating voltage (U _e)	DC	250V 0.5A
	AC	250V 3A

• Module with 6 auxiliary contacts ref. 0 281 75

Rated operating voltage (U _e)	DC	250V 0.3A
	AC	250V 16A

Auxiliaries, accessories for DMX-SP 2500



0 281 26

0 281 23

0 281 75

4 238 80

4 238 83

Pack	Cat.Nos	Control and signalling auxiliaries
		Shunt trip When energised the circuit breaker will be tripped For DMX-SP 2500
1	0 281 31	24 V~/=
1	0 281 32	48 V~/=
1	0 281 33	110 - 130 V~/=
1	0 281 34	220 - 250 V~/=
1	0 281 35	415 - 440 V~
		Undervoltage releases When the coil is de-energised, the circuit breaker will be tripped For DMX-SP 2500
1	0 281 36	24 V~/=
1	0 281 37	48 V~/=
1	0 281 38	110 - 130 V~/=
1	0 281 39	220 - 250 V~/=
1	0 281 40	415 - 440 V~
		Module for delayed tripping To be used with above undervoltage releases For DMX-SP 2500
1	0 288 62	110 V~/=
1	0 288 63	230 V~/=
		Motor operators To motorize a DMX-SP, it is possible to connect, to the motor operators, a release coil (undervoltage or trip on energising) and a closing coil For DMX-SP 2500
1	0 281 20	24 V~/=
1	0 281 21	48 V~/=
1	0 281 22	110 - 130 V~/=
1	0 281 23	220 - 250 V~/=
1	0 281 24	415 - 440 V~
		Closing coils Enables remote closing of the circuit breaker if the closing spring is charged For DMX-SP 2500
1	0 281 26	24 V~/=
1	0 281 27	48 V~/=
1	0 281 28	110 - 130 V~/=
1	0 281 29	220 - 250 V~/=
1	0 281 30	415 - 440 V~
		Signalling contact for draw-out version Inserted / test / draw-out signalling contact 1 changeover contact per position (up to 2 contacts with double accessory if the safety button for test position Cat.No 6 696 08 is not mounted) For DMX-SP 2500
1	0 281 73	

Pack	Cat.Nos	Locking
		For DMX-SP 2500
		Universal key locks To be used in combination with key locking support Cat.No 0 281 91
1	4 238 80	Key barrel and flat key with random mapping
1	4 238 81	Key barrel and flat key with fixed mapping EL43525
1	4 238 82	Key barrel and flat key with fixed mapping EL43363
1	4 238 83	Key barrel and star key with random mapping
		Key locking support in "open" or draw-out position
1	0 281 91	For locking a DMX-SP 2500 in "open" or draw-out position To be equipped with universal keylocks Cat.Nos 4 238 80/81/82/83
		Door locking Prevents opening of the door with the circuit breaker closed
1	0 281 84	Left-hand and right-hand side mounting
		Accessories
		For DMX-SP 2500
1	0 281 88	Mechanical counter Counts total number of operation cycles of the device
1	0 281 74	Contact «ready to close» with charged springs
1	0 281 75	Module with 6 auxiliary contacts
1	0 281 76	Module with 4 auxiliary contacts
1	0 281 89	Rating mis-insertion device Prevents the insertion of a draw-out circuit breaker in an incompatible base
		For DMX-SP 2500 draw-out version
1	6 696 08	Inserted / test / draw-out lock button

Auxiliaries, accessories for DMX-SP 2500 Equipment for DMX-SP 2500 transfer switches

(continued)



0 288 84



0 288 82



0 288 96



0 288 91



Dimensions **p. 22**

Pack	Cat.Nos		Rear terminals
	3P	4P	For DMX-SP 2500 and DMX ³ frame 2500
1	0 288 84	0 288 85	For fixed version For flat connection with bars To be fixed onto horizontal rear terminals of the circuit breaker
1	0 288 82	0 288 83	For vertical connection with bars Those terminals are used in order to transform a flat connection into a vertical one To be fixed onto Cat.Nos 0 288 84/85 according to the number of poles
1	0 288 96	0 288 97	For draw-out version For vertical or horizontal connection with bars To be fixed onto plate rear terminals of the circuit breaker
			Spreaders for fixed version
	3P	4P	To be fixed onto horizontal rear terminals of the circuit breaker
1	0 288 86	0 288 87	For DMX-SP 2500
1	0 288 88	0 288 89	For flat connection with bars
1	0 288 90	0 288 91	For vertical connection with bars For horizontal connection with bars
			Insulation shields
	3P	4P	For fixed version
1	6 696 00	6 696 01	For DMX-SP 2500
			For draw-out version
1	6 696 02	6 696 03	For DMX-SP 2500



0 289 20



Technical characteristics **see e-catalogue**

Pack	Cat.Nos	Equipment for transfer switches
		The mechanical interlock is set up using cables and can interlock devices, which may be different type in a vertical or horizontal configuration The interlock unit is mounted on the right-hand side of the device Cable interlock to be ordered separately (cable length to be specified according to every configuration - see below) Interlock for two DMX-SP 2500
1	0 281 90	
		Cable interlock
		For DMX-SP 2500
		Length
1	0 289 17	1000 mm
1	0 289 18	1500 mm
1	0 289 20	2600 mm
1	0 289 21	3000 mm
1	0 289 22	3600 mm
1	0 289 23	4000 mm
1	0 289 24	4600 mm
1	0 289 25	5600 mm

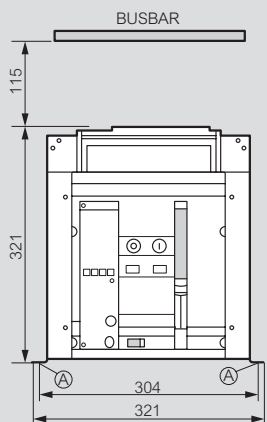
DMX-SP 2500

dimensions

Fixed version

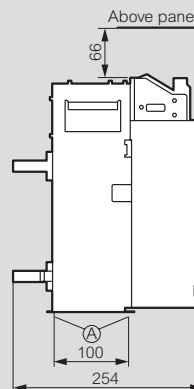
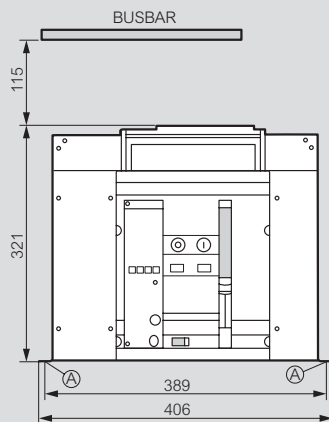
Overall dimensions

3P version



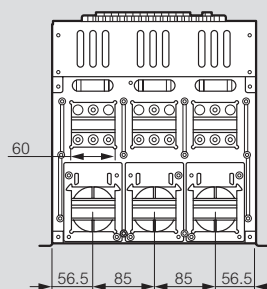
A = fixing point on plate of enclosure

4P version

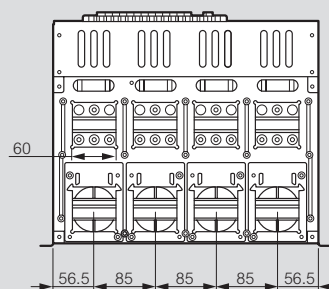


Rear terminals for horizontal connection with bars

3P version

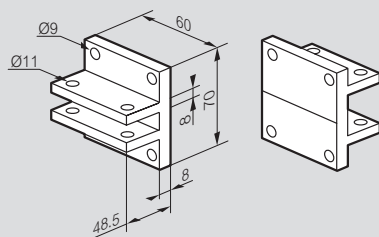


4P version



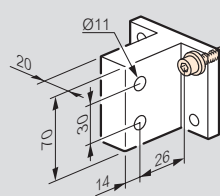
Rear terminals for flat connection with bars

Cat.Nos 0 288 84/85



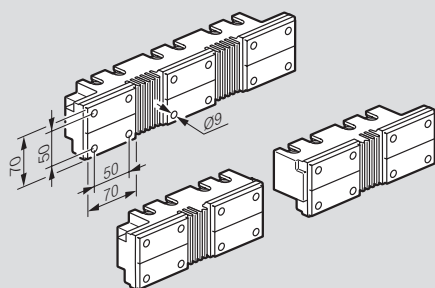
Rear terminals for vertical connection with bars

Cat.Nos 0 288 82/83



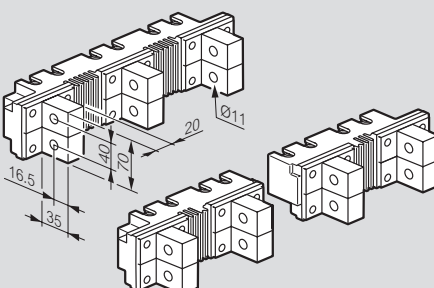
Spreaders for flat connection with bars

Cat.Nos 0 288 86/87



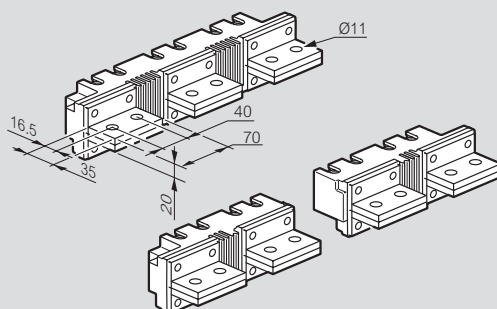
Spreaders for vertical connection with bars

Cat.Nos 0 288 88/89



Spreaders for horizontal connection with bars

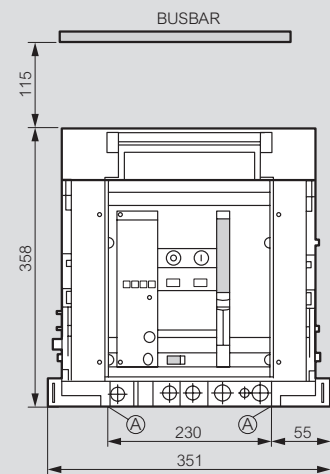
Cat.Nos 0 288 90/91



Draw-out version

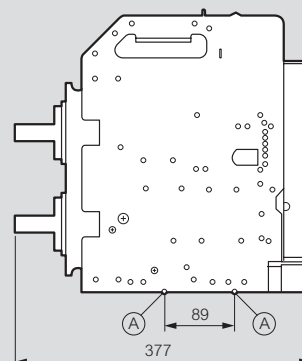
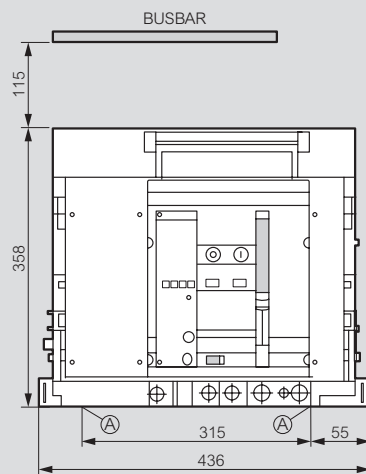
Overall dimensions

3P version



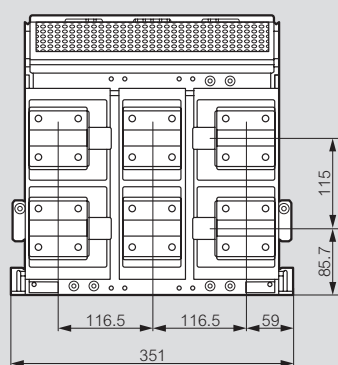
A = fixing point on plate of enclosure

4P version

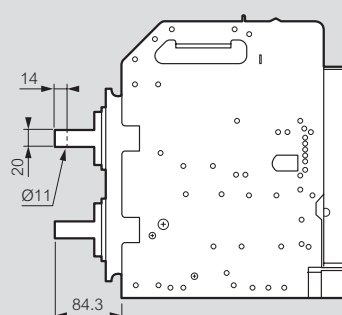
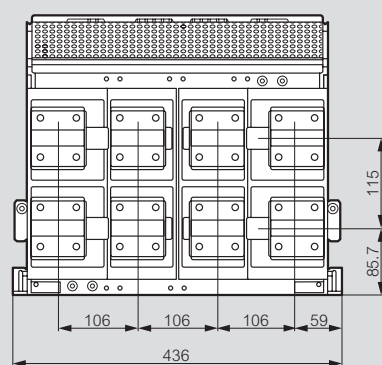


Rear terminals for horizontal connection with bars

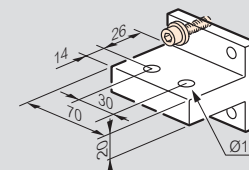
3P version



4P version

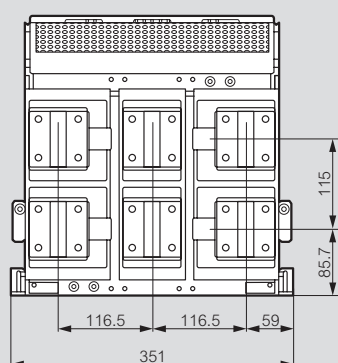


Reversible rear terminals Cat.Nos 0 288 96/97

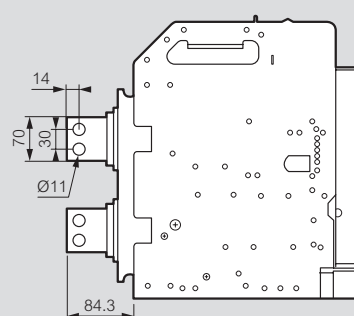
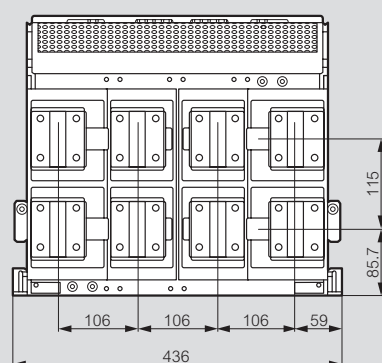


Rear terminals for vertical connection with bars

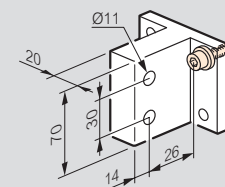
3P version



4P version

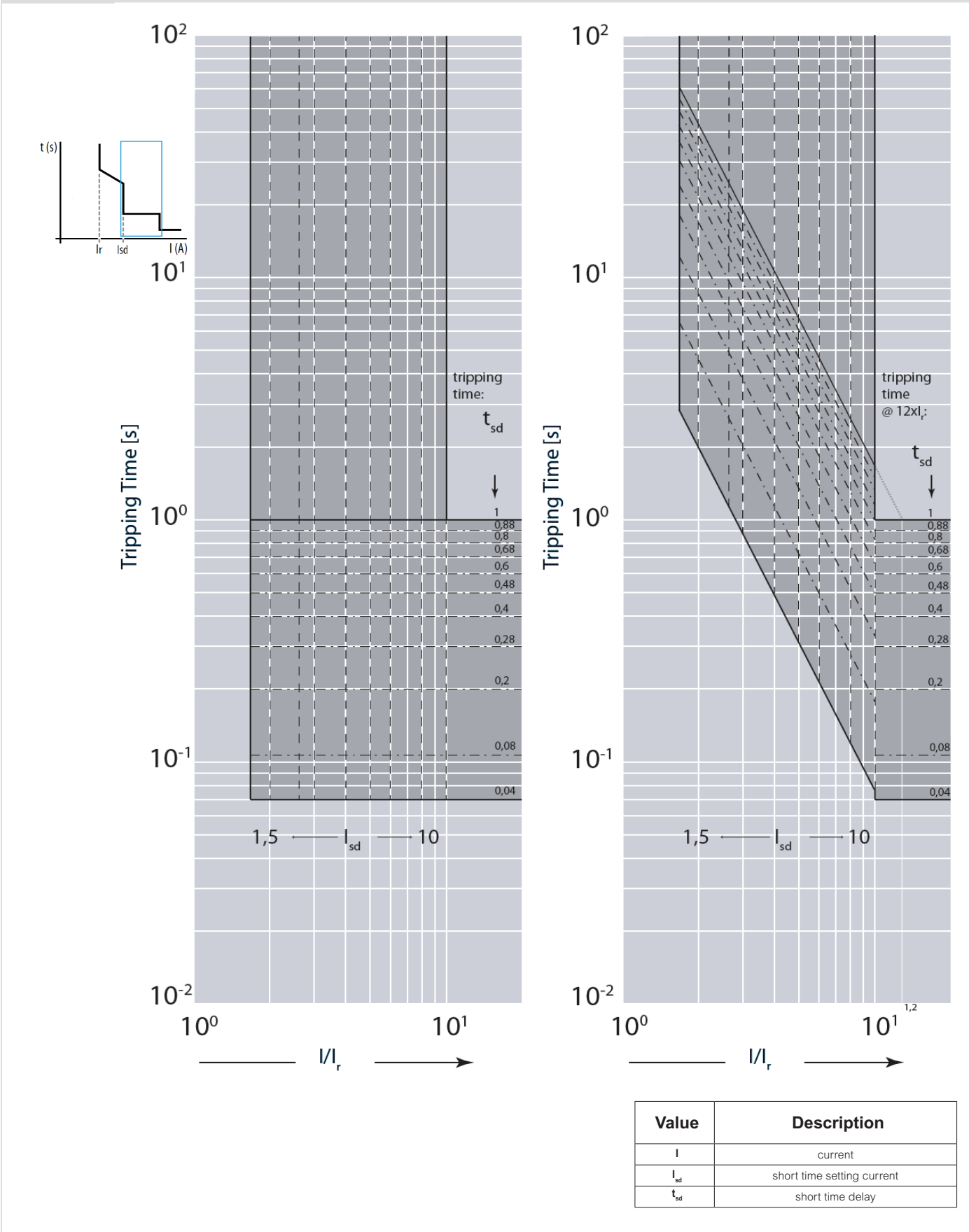


Reversible rear terminals Cat.Nos 0 288 96/97



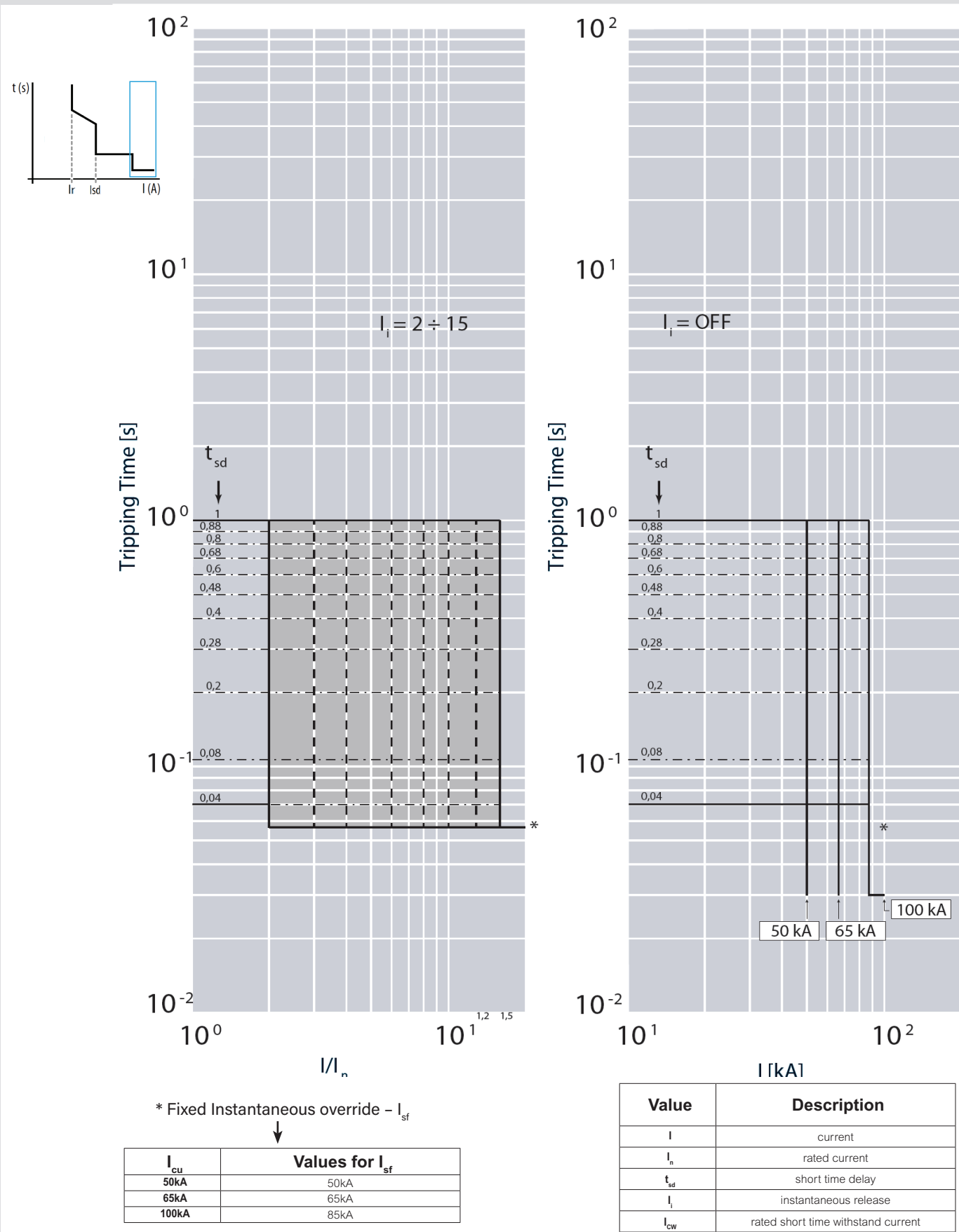
DMX-SP circuit breakers (PU MP2.10 & MP4.10 PU)
DMX-SP switch disconnectors

TRIPPING CURVE FOR DMX-SP MPx.10 protection units: short time trip protection detail



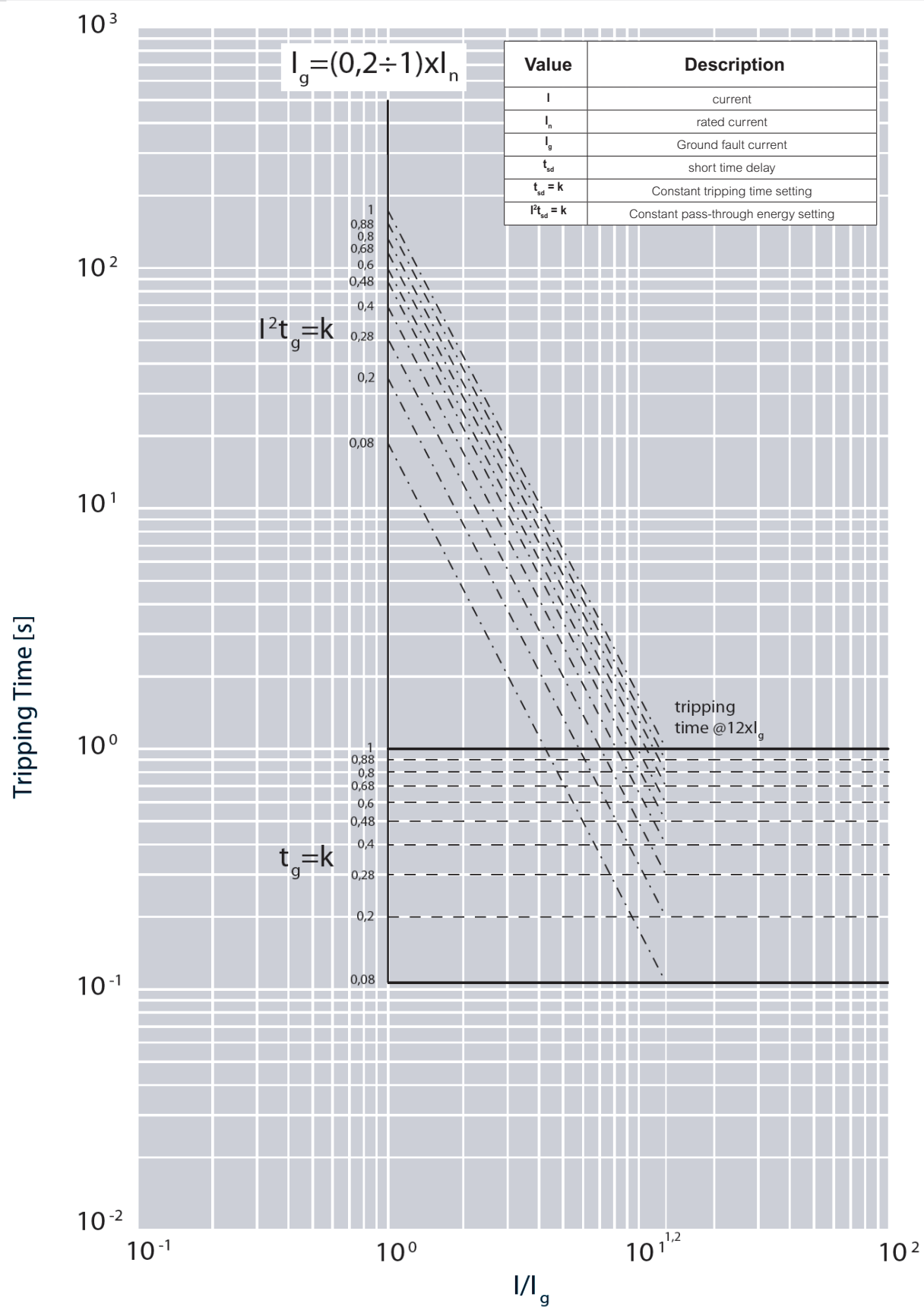
DMX-SP circuit breakers (PU MP2.10 & MP4.10 PU)
DMX-SP switch disconnectors

TRIPPING CURVE FOR DMX-SP MPx.10 protection units: instantaneous trip protection detail



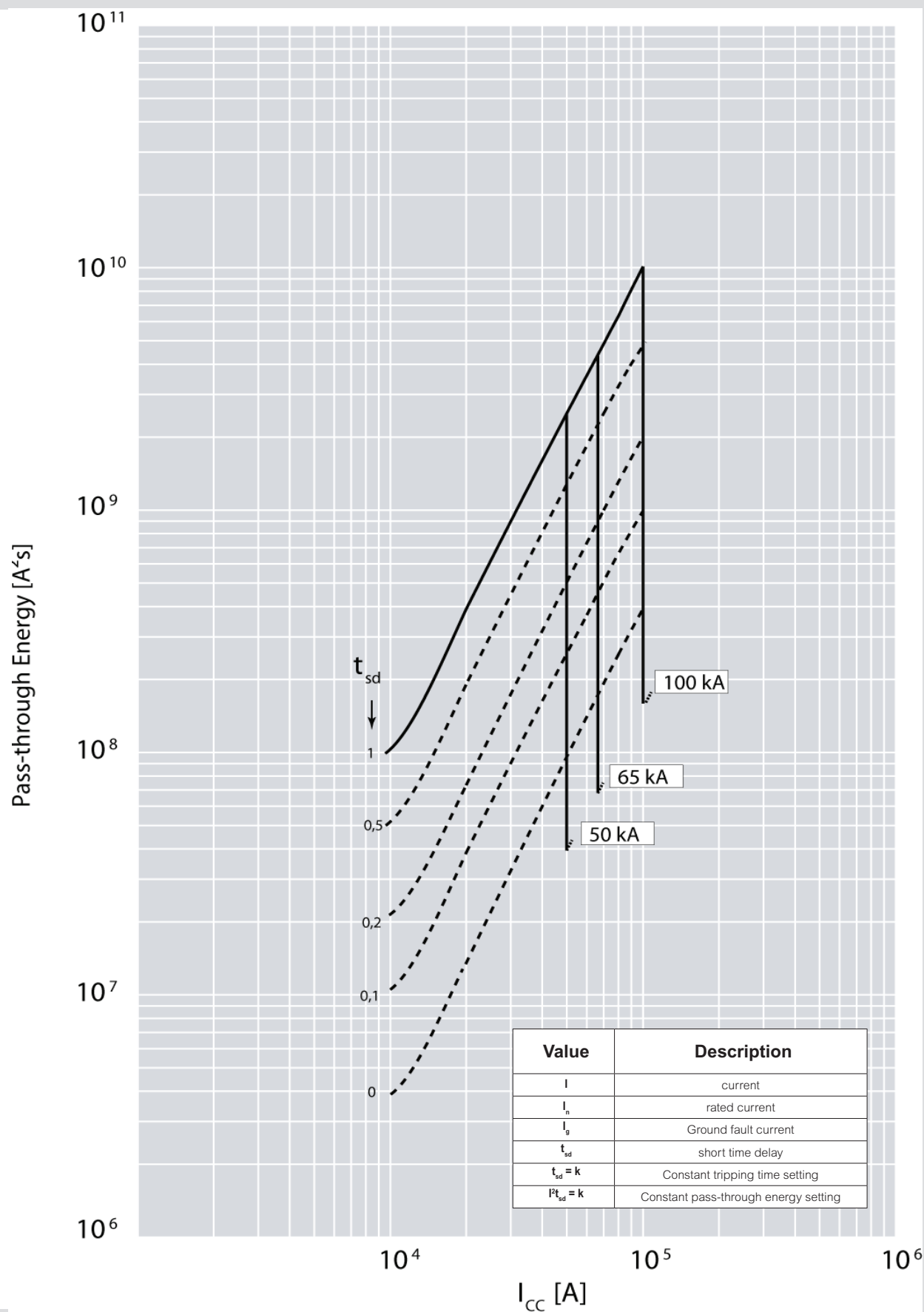
DMX-SP circuit breakers (PU MP2.10 & MP4.10 PU)
DMX-SP switch disconnectors

Ground fault curve for DMX-SP MPx.10 protection units

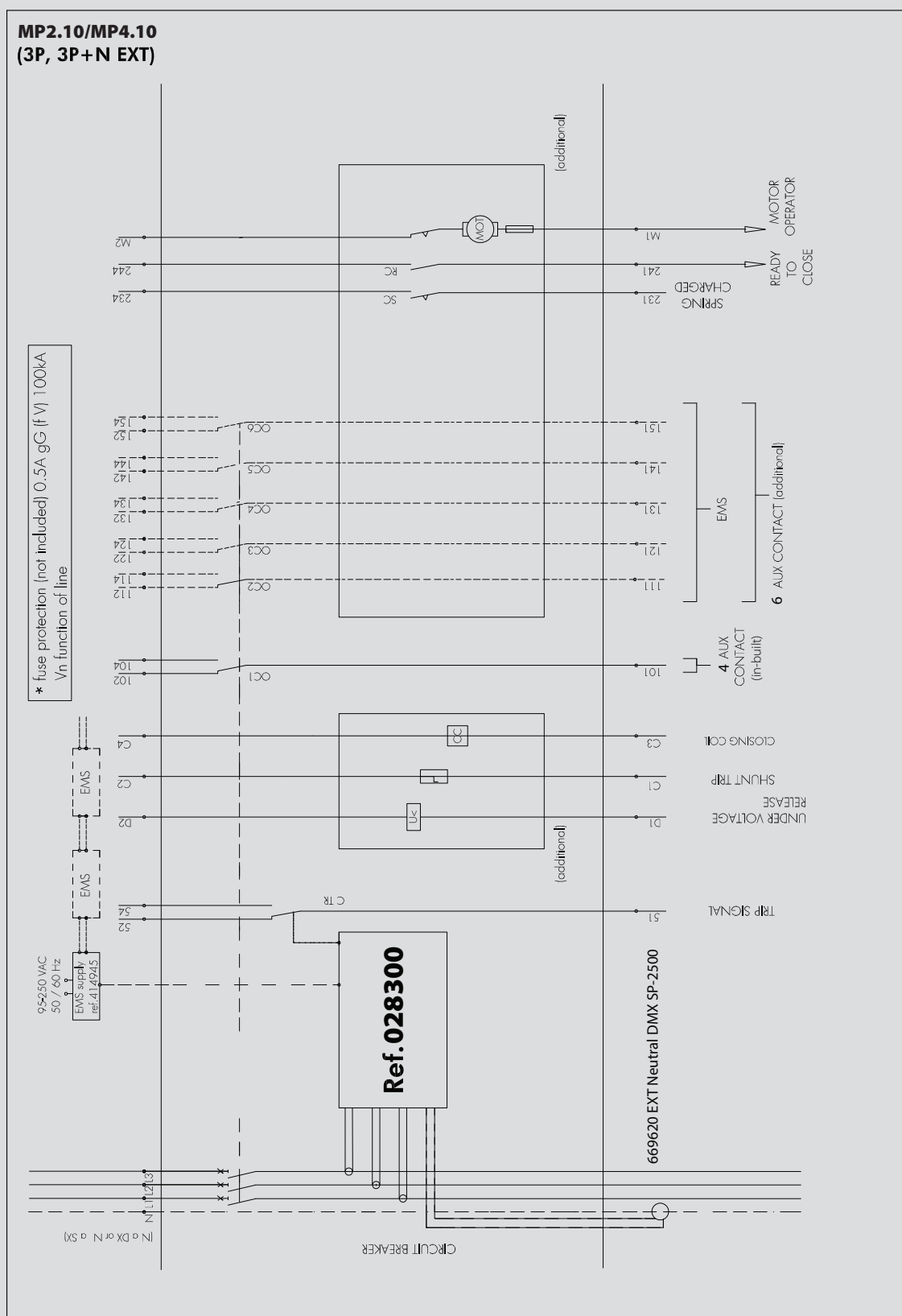


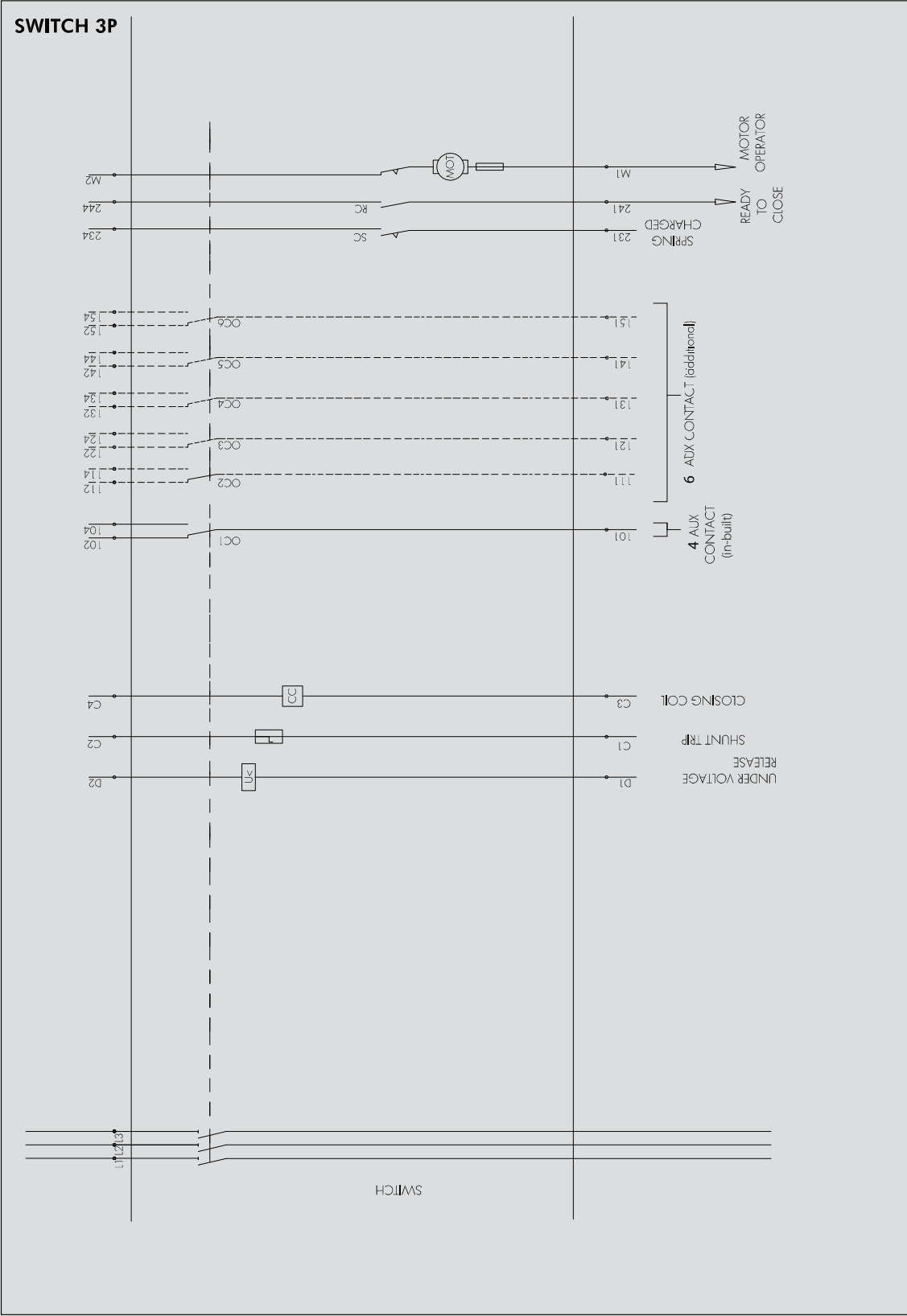
DMX-SP circuit breakers (PU MP2.10 & MP4.10 PU)
DMX-SP switch disconnectors

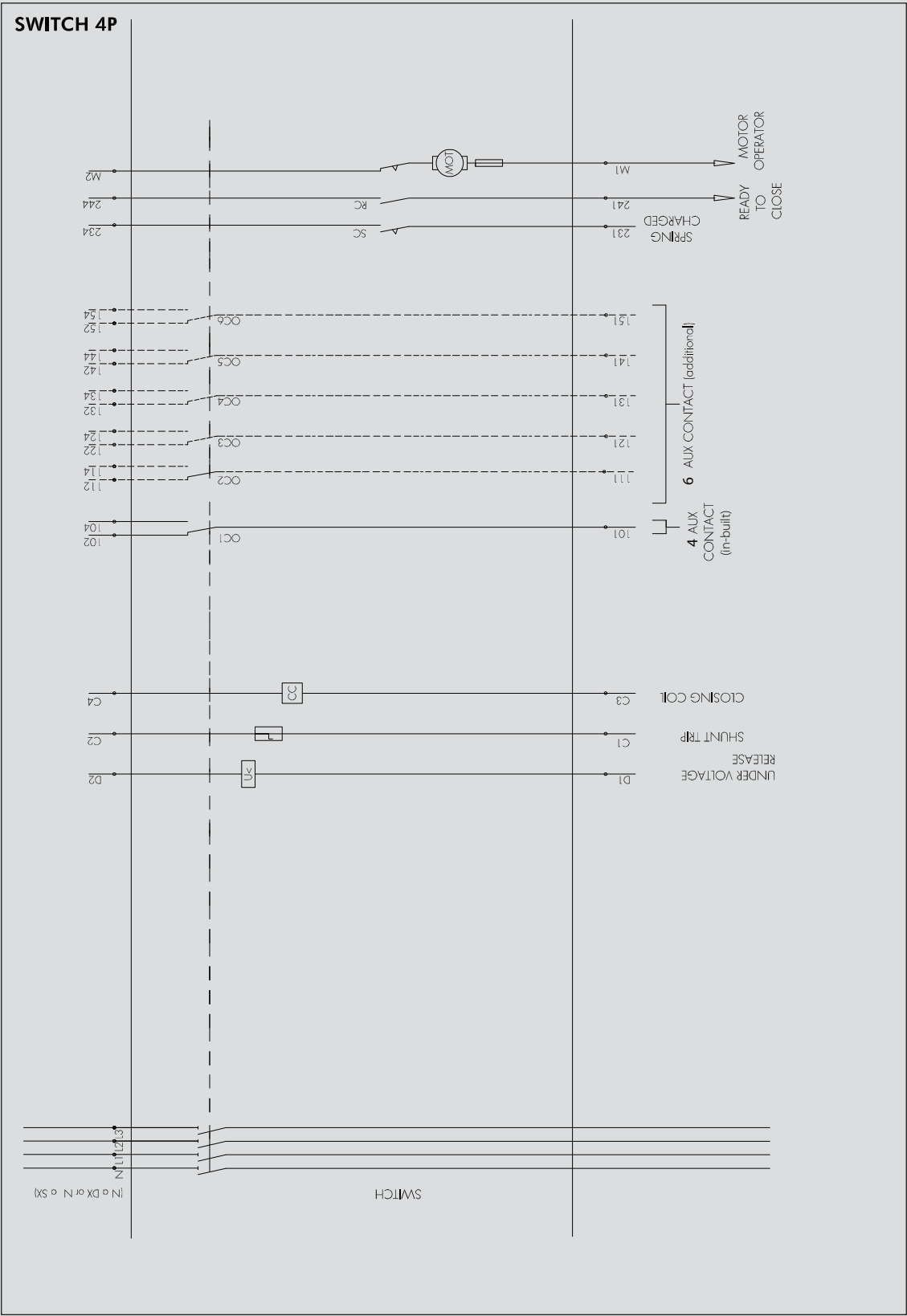
PASS-THROUGH SPECIFIC ENERGY CURVE (at 415V)



MP2.10/MP4.10 (3P, 3P+N EXT)







Ordering Catalogue reference - Combo Codes

DMXS	1	08	N	4	E	D	2N
↓	↓	↓	↓	↓	↓	↓	↓
CB Series	Frame	Rating	BC	No. of Poles	Type of Spring Charging	Type of Mechanism	Type of Release
DMXS=DMX SP	1=DMX SP 2500	06=630A	N=50kA	3=3Pole	M=Manual	F=Fixed	00=Trip Free
		08=800A		4=4Pole	E=Electrical with 240V AC ECD+CC & 240V AC S/T	D=Drawout	2N=MP2.10 LSIG
		10=1000A					4N= MP4.10 LSIG
		12=1250A					
		16=1600A					
		20=2000A					
		25=2500A					

Pack	Cat.Nos	Manually Fixed (MF)
		Supplied with - 4 auxiliary contacts: NO/NC - door sealing Breaking capacity Icu 50 kA (415 V~)
	Frame 2500 3P	
1	DMXS106N3MF2N	DMXSP 630A 50kA 3P MF MP2.10
1	DMXS108N3MF2N	DMXSP 800A 50kA 3P MF MP2.10
1	DMXS110N3MF2N	DMXSP 1000A 50kA 3P MF MP2.10
1	DMXS112N3MF2N	DMXSP 1250A 50kA 3P MF MP2.10
1	DMXS116N3MF2N	DMXSP 1600A 50kA 3P MF MP2.10
1	DMXS120N3MF2N	DMXSP 2000A 50kA 3P MF MP2.10
1	DMXS125N3MF2N	DMXSP 2500A 50kA 3P MF MP2.10
		Breaking capacity Icu 50 kA (415 V~)
	4P	
1	DMXS106N4MF2N	DMXSP 630A 50kA 4P MF MP2.10
1	DMXS108N4MF2N	DMXSP 800A 50kA 4P MF MP2.10
1	DMXS110N4MF2N	DMXSP 1000A 50kA 4P MF MP2.10
1	DMXS112N4MF2N	DMXSP 1250A 50kA 4P MF MP2.10
1	DMXS116N4MF2N	DMXSP 1600A 50kA 4P MF MP2.10
1	DMXS120N4MF2N	DMXSP 2000A 50kA 4P MF MP2.10
1	DMXS125N4MF2N	DMXSP 2500A 50kA 4P MF MP2.10

Pack	Cat.Nos	Electrically Fixed (EF)
		Supplied with - 4 auxiliary contacts: NO/NC - Protection Unit - Motor Operator (220 - 250 V AC/DC)* - Shunt Trip (220 - 250 V AC and DC)* - Closing Coil (220 - 250 V AC and DC)* - door sealing Breaking capacity Icu 50 kA (415 V~)
	Frame 2500 3P	
1	DMXS106N3EF2N	DMXSP 630A 50kA 3P EF MP2.10
1	DMXS108N3EF2N	DMXSP 800A 50kA 3P EF MP2.10
1	DMXS110N3EF2N	DMXSP 1000A 50kA 3P EF MP2.10
1	DMXS112N3EF2N	DMXSP 1250A 50kA 3P EF MP2.10
1	DMXS116N3EF2N	DMXSP 1600A 50kA 3P EF MP2.10
1	DMXS120N3EF2N	DMXSP 2000A 50kA 3P EF MP2.10
1	DMXS125N3EF2N	DMXSP 2500A 50kA 3P EF MP2.10
		Breaking capacity Icu 50 kA (415 V~)
	4P	
1	DMXS106N4EF2N	DMXSP 630A 50kA 4P EF MP2.10
1	DMXS108N4EF2N	DMXSP 800A 50kA 4P EF MP2.10
1	DMXS110N4EF2N	DMXSP 1000A 50kA 4P EF MP2.10
1	DMXS112N4EF2N	DMXSP 1250A 50kA 4P EF MP2.10
1	DMXS116N4EF2N	DMXSP 1600A 50kA 4P EF MP2.10
1	DMXS120N4EF2N	DMXSP 2000A 50kA 4P EF MP2.10
1	DMXS125N4EF2N	DMXSP 2500A 50kA 4P EF MP2.10

Pack	Cat.Nos	Manually Draw Out (MDO)
		Supplied with - 4 auxiliary contacts: NO/NC - draw-out base and kit - horizontal rear terminals with bars (upto 1600A) - door sealing Breaking capacity Icu 50 kA (415 V~)
	Frame 2500 3P	
1	DMXS106N3MD2N	DMXSP 630A 50kA 3P MDO MP2.10
1	DMXS108N3MD2N	DMXSP 800A 50kA 3P MDO MP2.10
1	DMXS110N3MD2N	DMXSP 1000A 50kA 3P MDO MP2.10
1	DMXS112N3MD2N	DMXSP 1250A 50kA 3P MDO MP2.10
1	DMXS116N3MD2N	DMXSP 1600A 50kA 3P MDO MP2.10
1	DMXS120N3MD2N	DMXSP 2000A 50kA 3P MDO MP2.10
1	DMXS125N3MD2N	DMXSP 2500A 50kA 3P MDO MP2.10
		Breaking capacity Icu 50 kA (415 V~)
	4P	
1	DMXS106N4MD2N	DMXSP 630A 50kA 4P MDO MP2.10
1	DMXS108N4MD2N	DMXSP 800A 50kA 4P MDO MP2.10
1	DMXS110N4MD2N	DMXSP 1000A 50kA 4P MDO MP2.10
1	DMXS112N4MD2N	DMXSP 1250A 50kA 4P MDO MP2.10
1	DMXS116N4MD2N	DMXSP 1600A 50kA 4P MDO MP2.10
1	DMXS120N4MD2N	DMXSP 2000A 50kA 4P MDO MP2.10
1	DMXS125N4MD2N	DMXSP 2500A 50kA 4P MDO MP2.10

* - For Voltages other than 220 - 250 V AC and DC, please order MF/MDO ACB and select the required Voltage accessories

Pack	Cat.Nos	Electrical Draw Out (EDO)
		Supplied with - 4 auxiliary contacts: NO/NC - Protection Unit - Motor Operator (220 - 250 V AC/DC)* - Shunt Trip (220 - 250 V AC and DC)* - Closing Coil (220 - 250 V AC and DC)* - draw-out base and kit - horizontal rear terminals with bars (upto 1600A) - door sealing
	Frame 2500 3P	Breaking capacity Icu 50 kA (415 V~)
1	DMXS106N3ED2N	DMXSP 630A 50kA 3P EDO MP2.10
1	DMXS108N3ED2N	DMXSP 800A 50kA 3P EDO MP2.10
1	DMXS110N3ED2N	DMXSP 1000A 50kA 3P EDO MP2.10
1	DMXS112N3ED2N	DMXSP 1250A 50kA 3P EDO MP2.10
1	DMXS116N3ED2N	DMXSP 1600A 50kA 3P EDO MP2.10
1	DMXS120N3ED2N	DMXSP 2000A 50kA 3P EDO MP2.10
1	DMXS125N3ED2N	DMXSP 2500A 50kA 3P EDO MP2.10
	4P	Breaking capacity Icu 50 kA (415 V~)
1	DMXS106N4ED2N	DMXSP 630A 50kA 4P EDO MP2.10
1	DMXS108N4ED2N	DMXSP 800A 50kA 4P EDO MP2.10
1	DMXS110N4ED2N	DMXSP 1000A 50kA 4P EDO MP2.10
1	DMXS112N4ED2N	DMXSP 1250A 50kA 4P EDO MP2.10
1	DMXS116N4ED2N	DMXSP 1600A 50kA 4P EDO MP2.10
1	DMXS120N4ED2N	DMXSP 2000A 50kA 4P EDO MP2.10
1	DMXS125N4ED2N	DMXSP 2500A 50kA 4P EDO MP2.10

Pack	Cat.Nos	Trip Free (Switch Disconnecter) Manually Fixed (MF)
	Frame 2500 3P	Trip Free (Switch Disconnecter)
1	DMXS106S3MF00	DMXSP 630A 3P MF Trip Free
1	DMXS108S3MF00	DMXSP 800A 3P MF Trip Free
1	DMXS110S3MF00	DMXSP 1000A 3P MF Trip Free
1	DMXS112S3MF00	DMXSP 1250A 3P MF Trip Free
1	DMXS116S3MF00	DMXSP 1600A 3P MF Trip Free
1	DMXS120S3MF00	DMXSP 2000A 3P MF Trip Free
1	DMXS125S3MF00	DMXSP 2500A 3P MF Trip Free
	4P	Trip Free (Switch Disconnecter)
1	DMXS106S4MF00	DMXSP 630A 4P MF Trip Free
1	DMXS108S4MF00	DMXSP 800A 4P MF Trip Free
1	DMXS110S4MF00	DMXSP 1000A 4P MF Trip Free
1	DMXS112S4MF00	DMXSP 1250A 4P MF Trip Free
1	DMXS116S4MF00	DMXSP 1600A 4P MF Trip Free
1	DMXS120S4MF00	DMXSP 2000A 4P MF Trip Free
1	DMXS125S4MF00	DMXSP 2500A 4P MF Trip Free

Pack	Cat.Nos	Electrically Fixed (EF) Trip Free (Switch Disconnecter)
	Frame 2500 3P	
1	DMXS106S3EF00	DMXSP 630A 3P EF Trip Free
1	DMXS108S3EF00	DMXSP 800A 3P EF Trip Free
1	DMXS110S3EF00	DMXSP 1000A 3P EF Trip Free
1	DMXS112S3EF00	DMXSP 1250A 3P EF Trip Free
1	DMXS116S3EF00	DMXSP 1600A 3P EF Trip Free
1	DMXS120S3EF00	DMXSP 2000A 3P EF Trip Free
1	DMXS125S3EF00	DMXSP 2500A 3P EF Trip Free
	4P	Trip Free (Switch Disconnecter)
1	DMXS106S4EF00	DMXSP 630A 4P EF Trip Free
1	DMXS108S4EF00	DMXSP 800A 4P EF Trip Free
1	DMXS110S4EF00	DMXSP 1000A 4P EF Trip Free
1	DMXS112S4EF00	DMXSP 1250A 4P EF Trip Free
1	DMXS116S4EF00	DMXSP 1600A 4P EF Trip Free
1	DMXS120S4EF00	DMXSP 2000A 4P EF Trip Free
1	DMXS125S4EF00	DMXSP 2500A 4P EF Trip Free

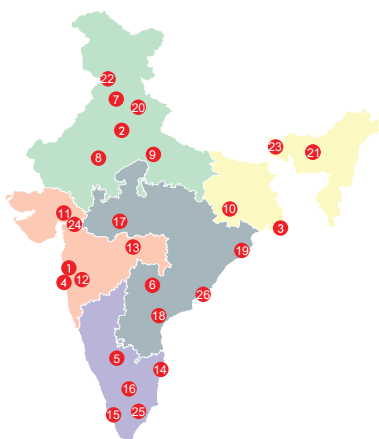
Pack	Cat.Nos	Manually Draw Out (MDO)
	Frame 2500 3P	Icu 50 kA (415 V~)
1	DMXS106S3MD00	DMXSP 630A 3P MDO Trip Free
1	DMXS108S3MD00	DMXSP 800A 3P MDO Trip Free
1	DMXS110S3MD00	DMXSP 1000A 3P MDO Trip Free
1	DMXS112S3MD00	DMXSP 1250A 3P MDO Trip Free
1	DMXS116S3MD00	DMXSP 1600A 3P MDO Trip Free
1	DMXS120S3MD00	DMXSP 2000A 3P MDO Trip Free
1	DMXS125S3MD00	DMXSP 2500A 3P MDO Trip Free
	4P	Icu 50 kA (415 V~)
1	DMXS106S4MD00	DMXSP 630A 4P MDO Trip Free
1	DMXS108S4MD00	DMXSP 800A 4P MDO Trip Free
1	DMXS110S4MD00	DMXSP 1000A 4P MDO Trip Free
1	DMXS112S4MD00	DMXSP 1250A 4P MDO Trip Free
1	DMXS116S4MD00	DMXSP 1600A 4P MDO Trip Free
1	DMXS120S4MD00	DMXSP 2000A 4P MDO Trip Free
1	DMXS125S4MD00	DMXSP 2500A 4P MDO Trip Free

Pack	Cat.Nos	Electrical Draw Out (EDO) Trip Free (Switch Disconnecter)
	Frame 2500 3P	
1	DMXS106S3ED00	DMXSP 630A 3P EDO Trip Free
1	DMXS108S3ED00	DMXSP 800A 3P EDO Trip Free
1	DMXS110S3ED00	DMXSP 1000A 3P EDO Trip Free
1	DMXS112S3ED00	DMXSP 1250A 3P EDO Trip Free
1	DMXS116S3ED00	DMXSP 1600A 3P EDO Trip Free
1	DMXS120S3ED00	DMXSP 2000A 3P EDO Trip Free
1	DMXS125S3ED00	DMXSP 2500A 3P EDO Trip Free
	4P	Trip Free (Switch Disconnecter)
1	DMXS106S4ED00	DMXSP 630A 4P EDO Trip Free
1	DMXS108S4ED00	DMXSP 800A 4P EDO Trip Free
1	DMXS110S4ED00	DMXSP 1000A 4P EDO Trip Free
1	DMXS112S4ED00	DMXSP 1250A 4P EDO Trip Free
1	DMXS116S4ED00	DMXSP 1600A 4P EDO Trip Free
1	DMXS120S4ED00	DMXSP 2000A 4P EDO Trip Free
1	DMXS125S4ED00	DMXSP 2500A 4P EDO Trip Free

* - For Voltages other than 220 - 250 V AC and DC, please order MF/MDO ACB and select the required Voltage accessories

Notes

Notes



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