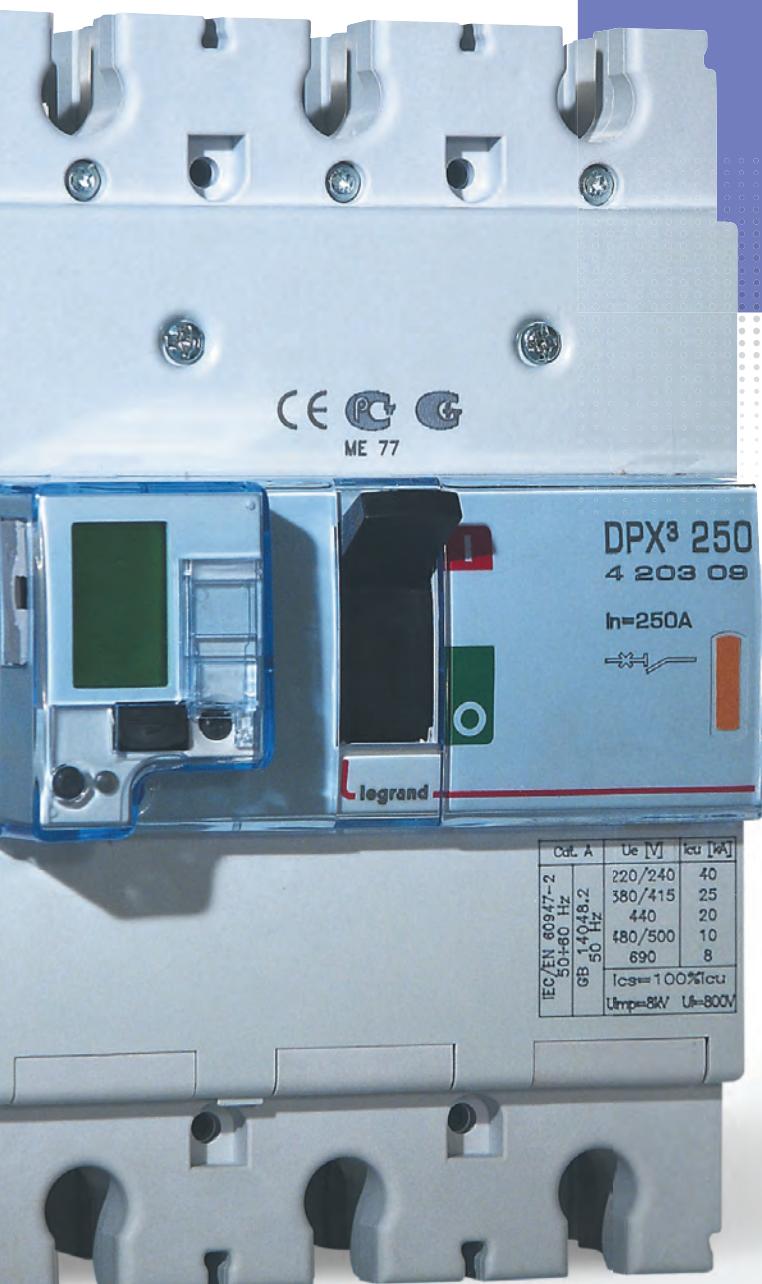


DPX³

PRECISE PROTECTION
AND MEASUREMENT
UP TO 1600 A



CATALOGUE
PAGES
INSIDE
→



DPX³

**PRECISE PROTECTION
AND MEASUREMENT
UP TO 1600 A**

The new DPX³ 630 and 1600 circuit breakers extend the benefits of the DPX³ range up to 1600 A. Not only do DPX³ circuit breakers provide precise, reliable protection, they also include numerous benefits for your low voltage distribution boards. The wide range of characteristics and versions cover the requirements of all installations. Integrated measurement enables you to monitor the parameters and consumption of the installation with no need for any additional device or accessory. The various selectivity techniques available ensure optimum continuity of service. The comprehensive range of electrical auxiliaries makes operation and maintenance easy. The circuit breakers are fully compatible with Legrand XL³ enclosures, making installation easy. The numerous accessories available make them easy to adapt to suit all panel configurations. **Discover the details of the whole DPX³ range and all its benefits in this document.**

Extensive range, high performance and safety

A comprehensive range for all your requirements from 16 to 1600 A	2
Diferent versions for all types of installation	4

New functions to simplify use

Integrated measurement from 40 to 1600 A	6
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Total selectivity for optimum continuity of service	10
A range of auxiliaries and accessories for an optimum configuration	12

Safe, quick and easy installation

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Distribution systems that are safe and reliable	24
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XL Pro ³ software: calculate your installations and install your XL ³ panels	28

Catalogue pages

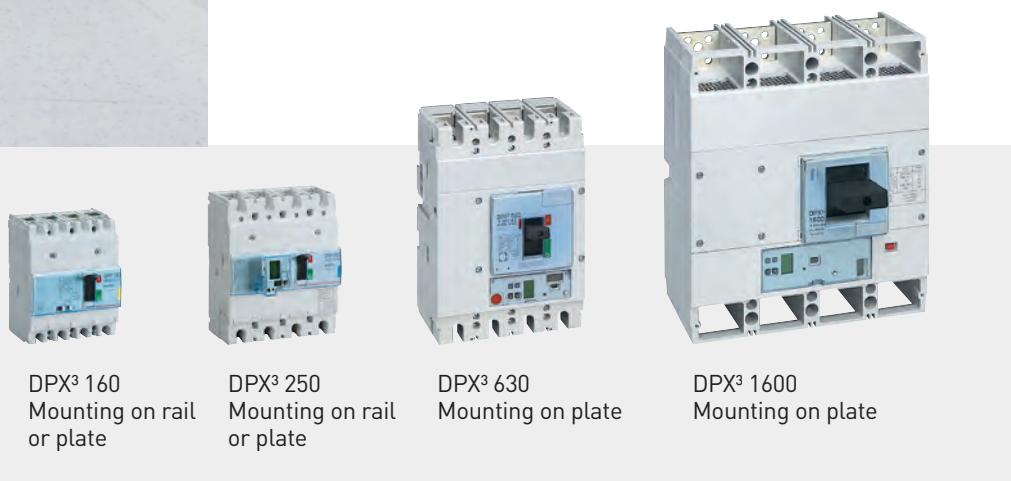
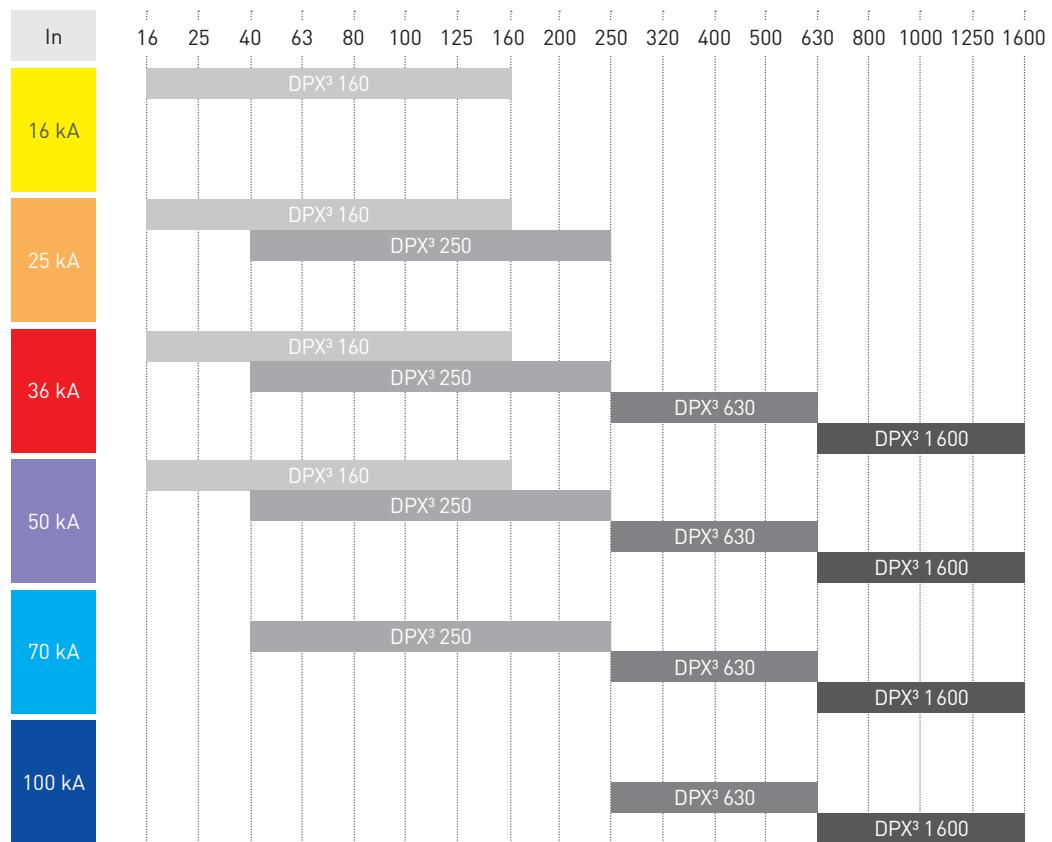
DPX ³ electrical characteristics	30
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DPX ³ 1600 MCCBs	46

EXTENSIVE RANGE, HIGH
PERFORMANCE AND SAFETY



A comprehensive range
for all your requirements
from 16 to 1600 A

The DPX³ range features four sizes of moulded case circuit breakers with breaking capacities ranging from 16 to 100 kA.



Easy identification of the breaking capacity by the coloured tab:

16 kA	25 kA	36 kA
50 kA	70 kA	100 kA



EXTENSIVE RANGE, HIGH
PERFORMANCE AND SAFETY



Different versions for
all types
of installation



The DPX³ range includes a wide range of versions to meet all requirements:

- 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
- RCBOs to protect people, etc.

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		•	•	•	•
Release	Draw-out				•	•
	Thermal-magnetic		•	•	•	•
	S1 electronic				•	•
	S2 electronic			•	•	•
Options	Sg electronic				•	•
	Integrated residual current protection		•	•	• ^[2]	• ^[2]
Integrated measurement				• ^[2]	• ^[2]	• ^[2]

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

SELECTION OF THE TYPE OF RELEASE

	Protection against overloads		Protection against short-circuits		Protection against earth faults	
	Ir	tr	short delay	instantaneous	lg	tg
			lsd	tsd		
thermal-magnetic	A	F			A ^[1]	
S1 electronic	A	F	A	F	F	
S2 electronic	A	A	A	A	A	
Sg electronic	A	A	A	A	A	A

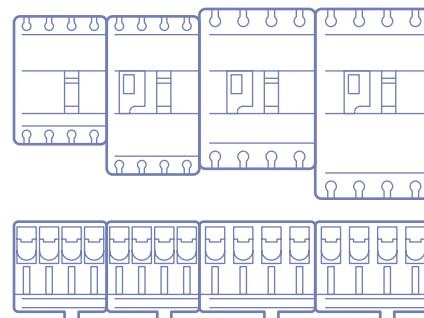
A: adjustable (see catalogue pages for the adjustment ranges)

F: fixed

1: except for DPX³ 160: fixed li



Electronic DPX³ units are adjusted using pushbuttons and the settings are shown on the LCD screen



OPTIMISED INTEGRATION

The DPX³ 160 and 250 are the same depth and can therefore be installed on the same row.

NEW FUNCTIONS
TO SIMPLIFY USE



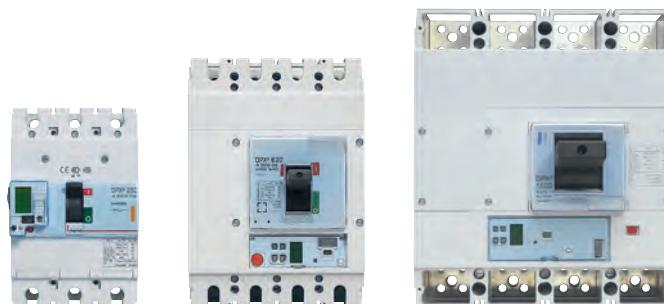
Currents, voltages, frequency,
power, energy, THD.

Integrated measurement
from 40 to 1600 A

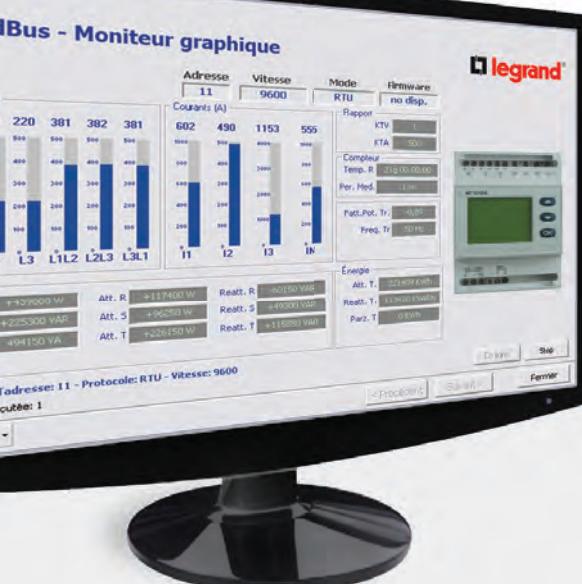


With the new DPX³ electronic circuit breakers with integrated measurement, it is very easy to monitor the parameters of the various circuits in the installation without using any external device.

The measured values are displayed directly on the LCD screen on the front of the devices.



Integrated measurement is available on the DPX³ 250, 630 and 1600.



The measurement data can also be viewed remotely on a PC equipped with supervision software, via a communication interface.



INTERNAL BATTERY

The protection unit has an internal battery, so it can be adjusted even if the circuit breaker is switched off. Tests can be carried out and faults viewed directly via the LCD screen of the MCCBs

NEW FUNCTIONS
TO SIMPLIFY USE



Integrated measurement:
choosing a
more compact solution



DPX³ units with integrated measurement combine an electronic circuit breaker and a high-performance measurement control unit with LCD display in a single device.

Integrated measurement means:

- Protection of the installation against electrical faults
- Measurement and display of the installation's parameters
- Time-saving as a result of simplified installation and wiring
- Space-saving in the enclosure



CONVENTIONAL SOLUTION

Legrand also has a complete range of meters, measurement control units and current transformers for installations equipped with devices without integrated measurement.

Integrated measurement is available on the DMX³, DPX³ and DX³ ranges. The panel board display is an innovative solution, allowing to integrate informations coming from 8 different devices DX³-HP, DPX³, DMX³ or EMDX³.

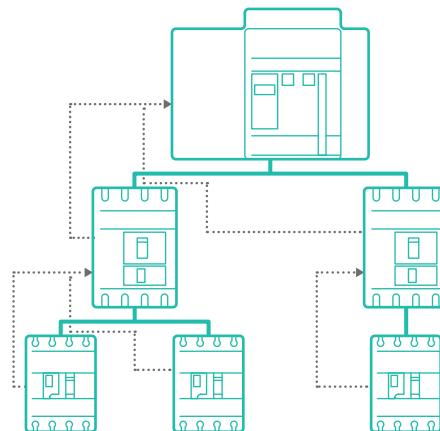
NEW FUNCTIONS
TO SIMPLIFY USE



Total selectivity
for optimum
continuity of service

Selectivity between Legrand circuit breakers, which ensures continuity of service, is optimised by the improved performance of the DPX³ devices.

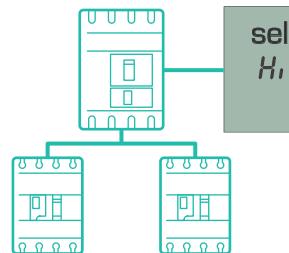
In critical configurations, the dynamic and logical selectivity offered by the new electronic DPX³ protection units provide total selectivity in all situations.



LOGICAL SELECTIVITY

This is "smart" selectivity, obtained by means of communication between DPX³ (and/or DMX³) electronic circuit breakers that are connected together via an external wired link. It enables there to be total selectivity between several levels, as well as a reduction of the thermal and electrodynamic stresses on the cables or bars, thus optimising the installation.

..... Connection cable for logical selectivity

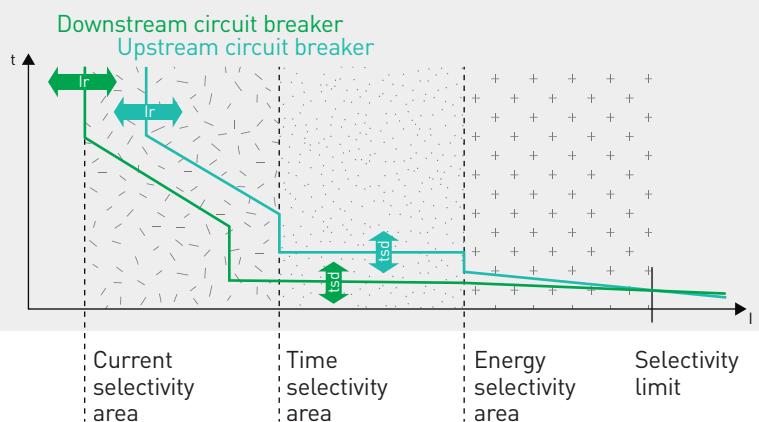


DYNAMIC SELECTIVITY

Electronic DPX³ units have 2-position adjustment:

- Low for normal selectivity level
- High for high selectivity level

When electronic circuit breakers are set to High there is a slight tripping delay, enabling a high level of selectivity to be obtained, even for the highest short-circuit currents.



CURRENT SELECTIVITY AND TIME SELECTIVITY
The precision of the settings on electronic DPX³ units ensures optimum current and time selectivity.



NEW FUNCTIONS
TO SIMPLIFY USE



A range of auxiliaries
and accessories
for an optimum configuration

With the huge range of possibilities offered by the numerous auxiliaries and accessories, DPX³ units can be adapted to fit any installation and any panel configuration.



ELECTRICAL AUXILIARIES (P. 14):

- The same auxiliary or fault signal contacts for the whole range
- Shunt trips or undervoltage releases



ROTARY HANDLES AND MOTOR-DRIVEN HANDLES (P. 16):

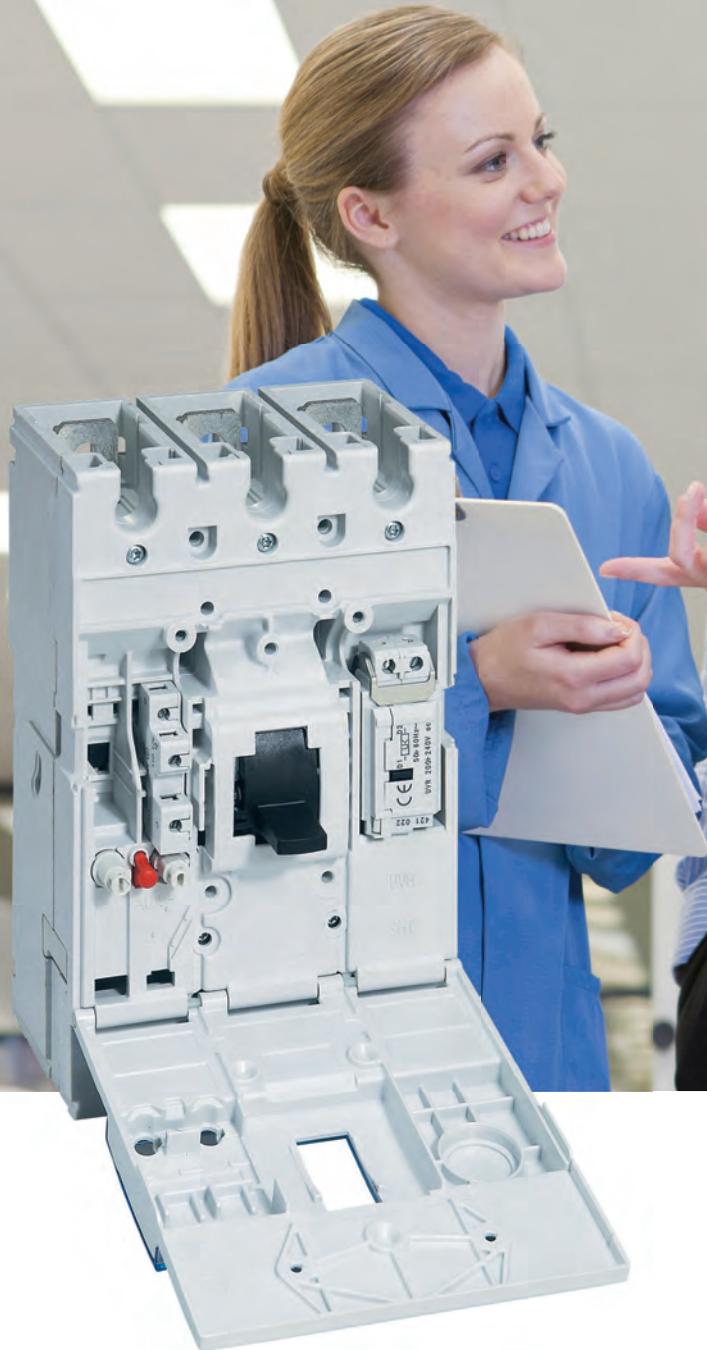
- One version for both DPX³ 160 and 250
- Previous DPX versions for DPX³ 630 and 1600



CONNECTION ACCESSORIES (P. 18):

- Cage terminals, extensions, spreaders, rear terminals, etc. to adapt the DPX³ to suit all wiring configurations and simplify panel builder's work

SAFE, QUICK AND EASY
INSTALLATION



Auxiliaries that are easy
to install and wire

For emergency breaking, automatic or remote control and feedback on the status of the device, all DPX³ circuit breakers can be equipped very easily with a comprehensive range of electrical auxiliaries.



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



CURRENT SHUNT TRIPS
and undervoltage releases
for DPX³ 160 and 250



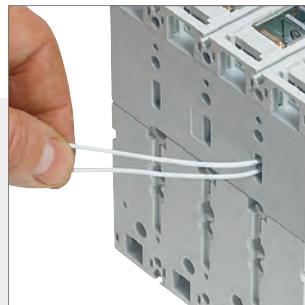
NEW RELEASES
with boxes for DPX³
630 and 1600

NUMBER OF AUXILIARIES THAT CAN BE INSTALLED PER DEVICE

	Auxiliary contacts	Fault signal contacts	Releases
DPX ³ 160	1	1	1
DPX ³ 250	1	1	1
DPX ³ 630	2	2	1
DPX ³ 1600	3	1	1



DPX³ have three options for the outgoing connection wires.



Auxiliaries are installed in dedicated locations under the front panel.

SAFE, QUICK AND EASY
INSTALLATION



The side motor-driven handle is mounted on the rail beside the DPX³.

Motorisation and supply inverters for DPX³ 160/250

Motor-driven handles for DPX³ 160 and 250 are available in two versions, side and front.

They can take a wide range of DC
and AC voltages, from 24 to 230 V.

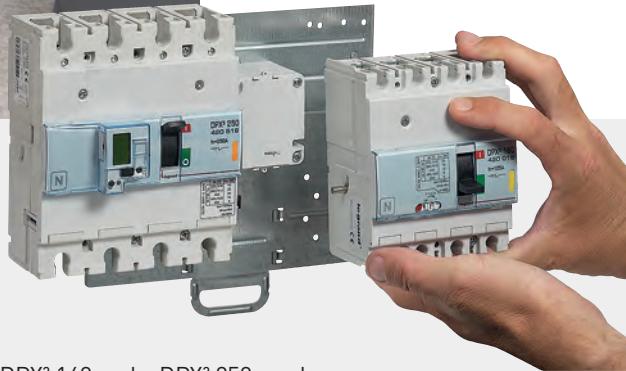


The front motor-driven handle leaves space for
access to the connections and for adjustment.

DPX³ 630 and 1600 can be
equipped with front motor-
driven handles. Supply
inverters consist of a plate
and an interlocking device,
and are factory-assembled.

The interlocking device for DPX³ 160 and 250 greatly
simplifies the installation of a supply inverter:

- Extremely easy to install
- Compact
- No adjustment required
- Rail mounting, enabling installation in small cabinets



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.

SAFE, QUICK AND EASY
INSTALLATION



Connection accessories
for all configurations



Connection plates, cage terminals, spreaders, rear terminals, etc.

The DPX³ range has all the accessories needed for upstream and downstream connection of the circuit breakers via cables or bars in all configurations.

ALL CONNECTION ACCESSORIES

	Cage terminals		Screw terminals for bars	Connection extensions	Adaptors for lugs	Spreaders	Rear terminals
	Standard capacity	Large capacity					
DPX ³ 160	•	•	•			•	•
DPX ³ 250	•	•	•			•	•
DPX ³ 630	•	•		•	•	•	•
DPX ³ 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.



DPX³ 160 AND 250

The large capacity cage terminals enable connection via large cross-section copper or aluminium cables (see catalogue pages for more detailed information).

SAFE, QUICK AND EASY
INSTALLATION



Plug-in and
draw-out DPX³ for
optimum continuity
of service

The plug-in and draw-out versions enable a faulty device to be replaced in just a few minutes without having to switch off the power supply to the other circuits.

The bases for plug-in and draw-out devices have the same connection options as fixed circuit breakers.



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.



DRAW-OUT DPX³ 630 AND 1600

The “debro-lift” mechanism is very easy to install and fixes onto the support bases. Connection/disconnection is carried out via a mechanism with a handle.

The mechanism has three positions, shown by coloured indicators:

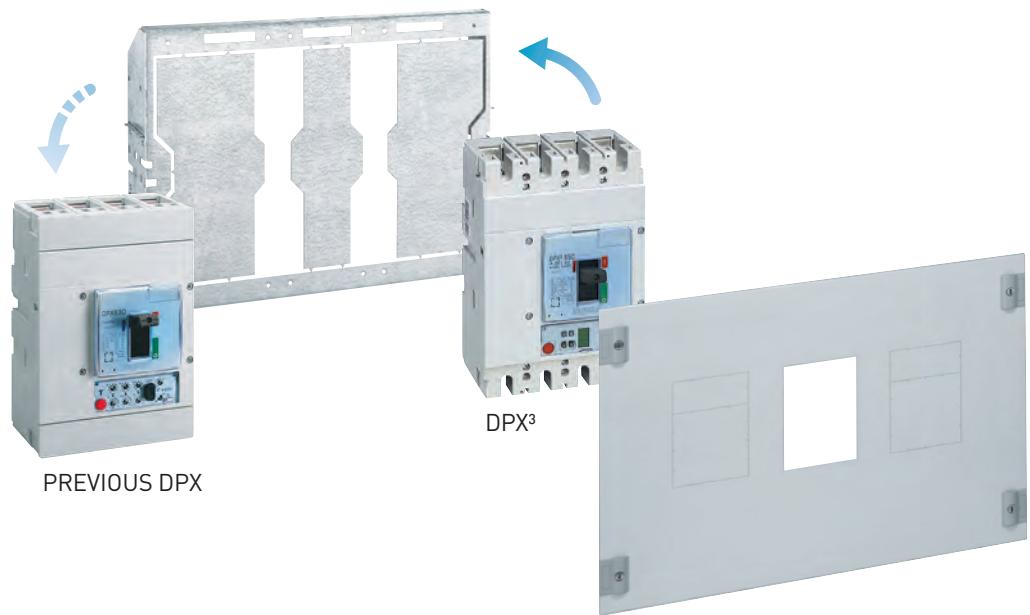
—	—	—
connected	test	drawn out

SAFE, QUICK AND EASY
INSTALLATION



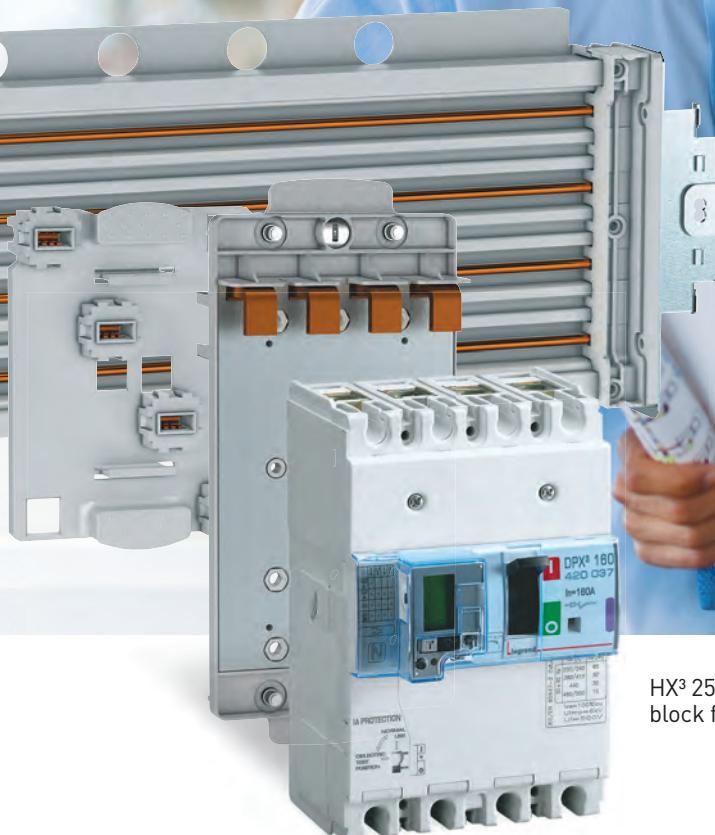
DPX³ 630/1600:
easy maintenance
and upgrades

Retrofitting: to ensure Legrand panels are easy to maintain and upgrade, the new DPX³ 630 and 1600 use the same mounting equipment and the same XL³ faceplates as the previous DPX 630 and 1600.



The fixed version DPX³ 160 and 250 with front terminals are mounted on \square rails using an adaptor. Mounting DPX³ 160 on \square rails enables them to be installed in XL³ 125 or XL³ 160 cabinets or DPX³ units to be installed on the same row as modular devices.

SAFE, QUICK AND EASY
INSTALLATION



HX³ 250 and 400 A row distribution
block for DPX³ and modular devices

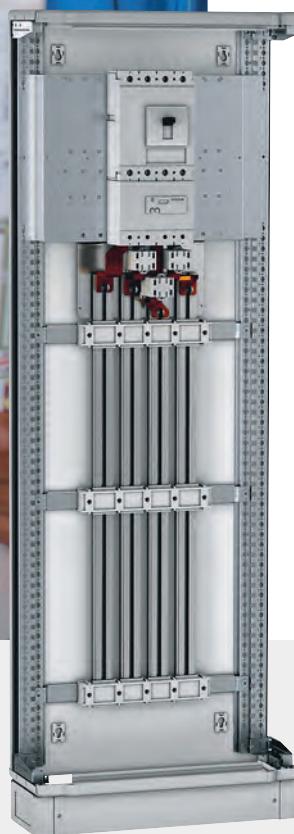
Distribution systems
that are safe
and reliable



**Optimised distribution provides
a complete, coherent system for
distributing electricity in the panel:**

- Optimised busbars (C-section zinc-plated copper aluminium)
- Prefabricated links for connecting devices to busbars
- Horizontal distribution blocks with automatic connection of devices (can be connected while power is on)

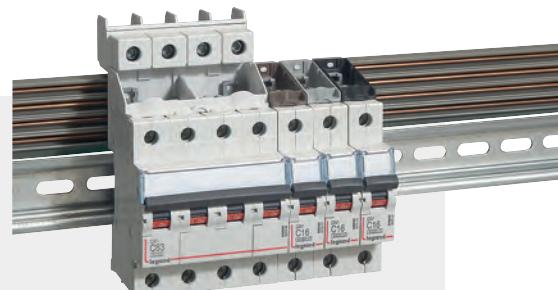
All these components, which have been tested with Legrand devices, can be used to create safe, easy to maintain panels that comply with standard IEC 61439, reduce installation times and optimise the size of the enclosures.



VX³ C-section busbar and power supply kit



Prefabricated connection kits for DPX³



Plug-in HX³ 80/125 A row distribution block for modular devices

SAFE, QUICK AND EASY
INSTALLATION



The XL³ range:
enclosures
for all requirements

From the XL³ 125 cabinet to the XL³ 6300 enclosure, the Legrand range fulfils all requirements for quality, strength and attractive appearance.

The XL³ range includes numerous practical innovations for quick, safe assembly, real freedom of configuration and considerable time-saving during maintenance and extension operations.



A comprehensive range for all distribution panels up to 6300 A



Ergonomic or locking handle, and solid or glazed doors.



Faster access and work with faceplates on hinges.



1/4 turn faceplates with handle.



XL³ 160: After complete removal of the frame and side panels, full access for wiring.

SAFE, QUICK AND EASY
INSTALLATION

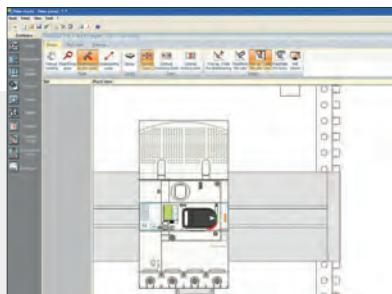


XL Pro³ software:
calculate your installations
and install your XL³ panels

**XL PRO³ incorporates
the whole Legrand
power range, including
the new DPX³.**

This is, more than ever, the essential software for creating your electric panels:

- Guided selection of products and accessories
- Display of the enclosure and the layout of the components
- Automatic creation of the folder for costing and ordering



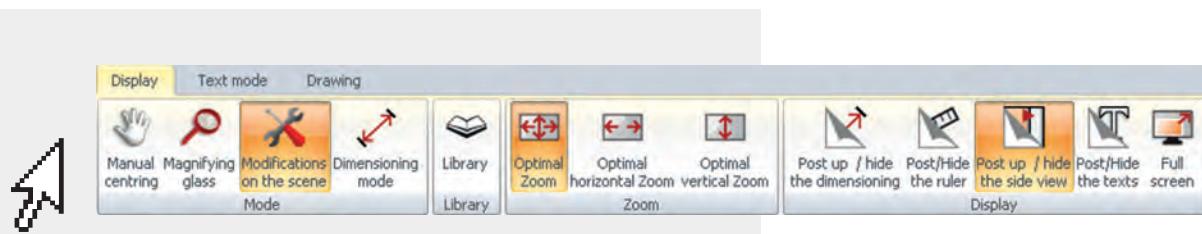
The new DPX³ range is included in the databases.



HX³ and VX³ distribution managed directly in the Arrangement, Circuit diagram and Parts list modules.

XL PRO³ Calcul can be used to create single-line diagrams, carry out calculations, draw up the power analysis and calculate the necessary protection devices and their settings. It interfaces fully with XL PRO³.

To order either software package, contact your Legrand sales office. Updates are provided for life and are available at www.export.legrand.com



A redesigned interface for more intuitive use.

DEVICES	DPX³ 160 thermal magnetic		DPX³ 250 thermal magnetic			
Mounting	On rail or on plate		On rail or on plate			
Breaking capacity (kA) (EN 60947-2 and IEC 60947-2)	16 kA	25 kA	36 kA	50 kA		
380/415 V~	16	25	36	50		
220/240 V~	25	35	50	65		
Breaking capacity (% Icu)	100	100	100	100		
Characteristic of use						
Nominal frequency	50/60 Hz					
Maximum rated operating voltage Ue	690 V (500 V with integrated e.l.c.bs)		690 V (500 V with integrated e.l.c.bs)			
Category of use	A		A			
Thermal magnetic adjustment						
	Thermal	0,8 to 1 ln		0,8 to 1 ln		
	Magnetic	10 ln (400 A for 16 A and 25 A sizes)		5 to 10 ln		
Electronic protection adjustment						
S2						
Sg						
I(A) : 0,4 to 1 ln						
I(A) : 1,5 to 10 Ir						
Maximum cable cross-section						
Rigid cable	95 mm ²	150 mm ²	150 mm ²	150 mm ²		
Flexible cable	70 mm ²	120 mm ²	120 mm ²	120 mm ²		
Copper bar and lug width	14 mm	18 mm	28.5 mm ⁽¹⁾	28.5 mm ⁽¹⁾		
Tightening torque	8 Nm	8 Nm	10 Nm	10 Nm		
Nominal current (In) at 40 °C (A)						
In (A)	16	25	40	63		
Phase	16	25	40	63		
N	16	25	40	63		
N/2	-	-	-	-		
Magnetic threshold (Im) (A) ⁽²⁾ of DPX ³ thermal magnetic						
In (A)	16	25	40	63		
Phase	400	400	400	630		
N	400	400	400	630		
N/2	-	-	-	-		
Endurance (cycles)						
Electrical	8000		8000			
Mechanical	25000		20000			
Electronic earth leakage module						
Type	without or integrated		without or integrated			

1: Copper bars only

2: Trip current for 50/60 Hz. For direct current, multiply by 1.5

3: For maximum values related to In phase limit

DPX³ 630 thermal magnetic		DPX³ 630 electronic release		DPX³ 1600 thermal magnetic		DPX³ 1600 electronic release														
On plate		On plate		On plate		On plate														
36 kA	50 kA	70 kA	100 kA	36 kA	50 kA	70 kA	100 kA	36 kA	50 kA	70 kA	100 kA	36 kA	50 kA	70 kA	100 kA					
36	50	70	100	36	50	70	100	36	50	70	100	36	50	70	100					
70	100	120	170	70	100	120	170	70	100	120	170	70	100	120	170					
100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100					
50/60 Hz					690 V~					690 V~					690 V~					
A		A: In 630 A - B: In 200 to 400 A			A		B													
0.8 to 1 ln		-		0.8 to 1 ln		-								-						
5 to 10 ln		-		5 to 10 ln		-								-						
-		S2		Sg		-		-		-		S2		Sg						
Ir = 0.4 - 1 x ln		•		•		-		-		-		-		•						
tr = 3-30 s		•		•		-		-		-		-		•						
Isd = 1.5 - 10 lr		•		•		-		-		-		-		•						
tsd (I=K) = 0-500 ms		•		•		-		-		-		-		•						
tsd(I²t=K) = 0-500 ms		•		•		-		-		-		-		•						
lg = 0.2 - 1 x ln		•				-								•						
tg = 0.1 - 1 s		•				-								•						
300 mm² or 2 x 240 mm²		300 mm² or 2 x 240 mm²		2 or 4 x 240 mm²		2 or 4 x 240 mm²		240 mm² or 2 x 185 mm²		2 or 4 x 185 mm²		240 mm		50 mm						
32 mm		32 mm		32 mm		50 mm		50 mm		50 mm		50 mm		50 mm						
15 Nm					20 Nm															
250	320	400	500	630	250	320	400	500	630	500	630	800	1000	1250	500	630	800	1000	1250	1600
250	320	400	500	630	250	320	400	500	630	500	630	800	1000	1250	500	630	800	1000	1250	1600
250	320	400	500	630	0 - 50 - 100 % of phase value ⁽³⁾					500	630	800	1000	1250	0 - 50 - 100 % of phase value ⁽³⁾					
-	250	250	250	320	-					-	-	-	-	500	630	-				
Adjustable																				
250	320	400	500	630	-					500	630	800	1000	1250	-					
1250- 2500	1600- 3200	2000- 4000	2500- 5000	3150- 6300	-					2500- 5000	3150- 6300	4000- 8000	5000- 10000	6250- 12500	-					
1250- 2500	1600- 3200	2000- 4000	2500- 5000	3150- 6300	-					2500- 5000	3150- 6300	4000- 8000	5000- 10000	6250- 12500	-					
-	1000- 2000	1250- 2500	1600- 4000	2000- 4000	-					-	-	-	2500- 5000	3150- 5000	-					
5000					5000					4000					4000					
10000					20000					10000					10000					
downstream e.l.c.bs.					downstream e.l.c.bs.					-					-					

DPX³ 160 thermal magnetic

MCCBs from 16 to 160 A



4 200 00



4 200 10



4 200 37



4 201 57

Electrical characteristics p. 58-60
Dimensions p. 53

Can be mounted on rail L or on plate in XL³ cabinets and enclosures

MCCBs for switching, control isolation and protection of low voltage electrical lines

Supplied with fixing screws, cage terminals 70 mm² max. (flexible cable) or 95 mm² max. rigid cable

Can be fitted with DPX³ 160 and 250 common auxiliaires and accessories (p. 38)

Conform to IEC 60947-2

Pack	Cat.Nos		MCCBs - fixed version	Pack	Cat.Nos		MCCBs with electronic earth leakage module - fixed version
	3P	4P	Thermal adjustable from 0,8 to 1 In Magnetic fixed at 10 In (fixed at 400 A for In 16 A and 25 A)		4P		Thermal adjustable from 0,8 to 1 In Magnetic fixed at 10 In (fixed at 400 A for In 16 A and 25 A)
			Breaking capacity Icu 16 kA (400 V~) In (A)				Equipped with earth leakage module with LCD screen
1	4 200 00	4 200 10	16	1	4 200 30	16	Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A
1	4 200 01	4 200 11	25	1	4 200 31	25	Adjustable tripping: 0 - 0.3 - 1 - 3s (with 0.03 A possible only 0 s)
1	4 200 02	4 200 12	40	1	4 200 32	40	Breaking capacity Icu 16 kA (400 V~)
1	4 200 03	4 200 13	63	1	4 200 33	63	In (A)
1	4 200 04	4 200 14	80	1	4 200 34	80	16
1	4 200 05	4 200 15	100	1	4 200 35	100	25
1	4 200 06	4 200 16	125	1	4 200 36	125	40
1	4 200 07	4 200 17	160	1	4 200 37	160	63
			Breaking capacity Icu 25 kA (400 V~)				80
1	4 200 40	4 200 50	16	1	4 200 70	16	100
1	4 200 41	4 200 51	25	1	4 200 71	25	125
1	4 200 42	4 200 52	40	1	4 200 72	40	160
1	4 200 43	4 200 53	63	1	4 200 73	63	Breaking capacity Icu 25 kA (400 V~)
1	4 200 44	4 200 54	80	1	4 200 74	80	In (A)
1	4 200 45	4 200 55	100	1	4 200 75	100	16
1	4 200 46	4 200 56	125	1	4 200 76	125	25
1	4 200 47	4 200 57	160	1	4 200 77	160	40
			Breaking capacity Icu 36 kA (400 V~)				63
1	4 200 80	4 200 90	16	1	4 201 10	16	80
1	4 200 81	4 200 91	25	1	4 201 11	25	100
1	4 200 82	4 200 92	40	1	4 201 12	40	125
1	4 200 83	4 200 93	63	1	4 201 13	63	160
1	4 200 84	4 200 94	80	1	4 201 14	80	Breaking capacity Icu 36 kA (400 V~)
1	4 200 85	4 200 95	100	1	4 201 15	100	In (A)
1	4 200 86	4 200 96	125	1	4 201 16	125	16
1	4 200 87	4 200 97	160	1	4 201 17	160	25
			Breaking capacity Icu 50 kA (400 V~)				40
1	4 201 20	4 201 30	16	1	4 201 50	16	63
1	4 201 21	4 201 31	25	1	4 201 51	25	80
1	4 201 22	4 201 32	40	1	4 201 52	40	100
1	4 201 23	4 201 33	63	1	4 201 53	63	125
1	4 201 24	4 201 34	80	1	4 201 54	80	160
1	4 201 25	4 201 35	100	1	4 201 55	100	Breaking capacity Icu 50 kA (400 V~)
1	4 201 26	4 201 36	125	1	4 201 56	125	In (A)
1	4 201 27	4 201 37	160	1	4 201 57	160	16

DPX³ 160 equipment and mounting accessories



4 210 40



4 210 36

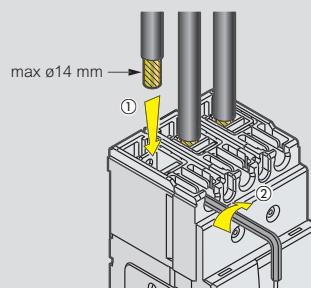
Pack	Cat.Nos	Equipment for plug-in version
		A plug-in version DPX ³ is a fixed version DPX ³ mounted on a plug-in base
		Plug-in bases for DPX³ 160
1	4 210 40	Front or rear terminal mounting base
1	4 210 41	For DPX ³ 160 - 3P For DPX ³ 160 - 4P with or without earth leakage module
1	4 210 44	Connectors for auxiliary contacts Set of connectors
1	4 210 45	Padlocks for plug-in base Key barrel and flat key N° ABA90GEL6149
1	4 210 46	Key barrel and star key N° HBA90GPS6149
1	4 210 47	Padlock accessory
		Connection accessories
		High capacity cage terminals
1	4 210 26	For Cu/Al cables, 1 x 120 mm ² for flexible cables and 1 x 150 mm ² for rigid cable
1	4 210 27	Set of 3 terminals Set of 4 terminals
		Cage terminals
1	4 210 93	For Cu/Al cables, 1 x 70 mm ² for flexible cables and 1 x 95 mm ² for rigid cables
1	4 210 94	and 14 mm bars Set of 3 terminals Set of 4 terminals
1	4 210 70	Insulated shields (phase barriers) Set of 3 insulated shields
		Screw terminals for bars connection
1	4 210 28	For copper bars Set of 3 terminals
1	4 210 29	Set of 4 terminals
		Spreaders
1	4 210 32	For incoming bars or cable lugs Set of 3 spreaders for DPX ³ 160 3P
1	4 210 33	Set of 4 spreaders for DPX ³ 160 4P
		Rear terminals
1	4 210 36	Flat swivel terminals Used to convert a fixed version with front terminals to a fixed version with rear terminals
1	4 210 37	Set of 3 rear terminals for DPX ³ 160 3P Set of 4 rear terminals for DPX ³ 160 4P
		Sealable terminal shields
1	4 210 54	For front terminals For DPX ³ 160 3P
1	4 210 55	For DPX ³ 160 3P
1	4 210 50	For rear terminals For DPX ³ 160 3P
1	4 210 51	For DPX ³ 160 4P
		Fixing plates
1	4 210 71	For fixing DPX ³ 160 on L rail or on plate
1	4 210 73	For DPX ³ 160 3P/4P without earth leakage module
1	4 210 68	For DPX ³ 160 4P with earth leakage module
		For DPX ³ 160 3P/4P with side mounting motor operator

DPX³ 160

connection

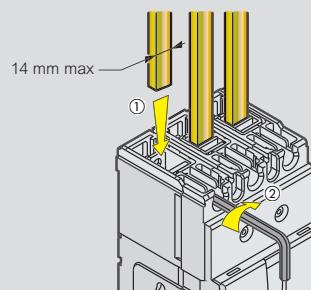
■ Connection

Direct connection

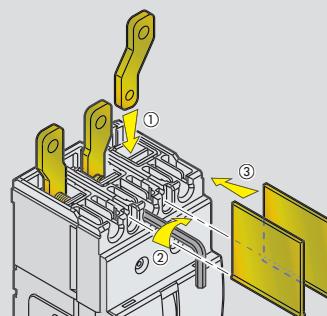


Flexible
1,5 → 70 mm²
#16 → #2/0 AWG

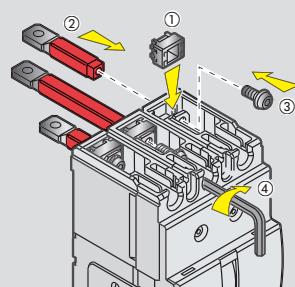
or
Solid
1,5 → 95 mm²
#16 → #4/0 AWG



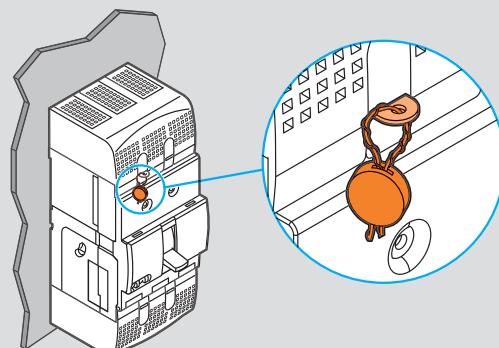
Spreaders



Rear terminals



Sealable terminal shield



DPX³ 250 thermal magnetic

MCCBs from 100 to 250 A



4 202 05



4 202 25



Electrical characteristics p. 58-60
Dimensions p. 54

Can be mounted on rail L or on plate in XL³ cabinets and enclosures

MCCBs for switching, control isolation and protection of low voltage electrical lines

Supplied with fixing screws, connection plates for bars and cable lugs and insulated shileds (phase barriers)

Can be fitted with cage terminals (p.37) 120 mm² max. (flexible cable) or 150 mm² max. rigid cable

and with DPX³ 160 and 250 common auxiliaires and accessories (p. 38)

Conform to IEC 60947-2

Pack	Cat.Nos		MCCBs - fixed version		Pack	Cat.Nos		MCCBs with electronic earth leakage module - fixed version	
	3P	4P	Thermal adjustable from 0,8 to 1 In Magnetic adjustable from 5 to 10 In			4P		Thermal adjustable from 0,8 to 1 In Magnetic adjustable from 5 to 10 In	
1	4 202 05	4 202 15	In (A)		1	4 202 25		Equipped with earth leakage module with LCD screen	
1	4 202 07	4 202 17	100		1	4 202 27		Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A	
1	4 202 08	4 202 18	160		1	4 202 28		Adjustable tripping: 0 - 0.3 - 1 - 3s (with 0.03 A possible only 0s)	
1	4 202 09	4 202 19	200		1	4 202 29		Breaking capacity Icu 25 kA (400 V~)	
			250					In (A)	
								100	
								160	
								200	
								250	
								Breaking capacity Icu 36 kA (400 V~)	
1	4 202 35	4 202 45	100		1	4 202 55		In (A)	
1	4 202 37	4 202 47	160		1	4 202 57		100	
1	4 202 38	4 202 48	200		1	4 202 58		160	
1	4 202 39	4 202 49	250		1	4 202 59		200	
								250	
								Breaking capacity Icu 50 kA (400 V~)	
1	4 202 65	4 202 75	100		1	4 202 85		In (A)	
1	4 202 67	4 202 77	160		1	4 202 87		100	
1	4 202 68	4 202 78	200		1	4 202 88		160	
1	4 202 69	4 202 79	250		1	4 202 89		200	
								250	
								Breaking capacity Icu 70 kA (400 V~)	
1	4 206 05	4 206 15	100		1	4 206 25		In (A)	
1	4 206 07	4 206 17	160		1	4 206 27		100	
1	4 206 08	4 206 18	200		1	4 206 28		160	
1	4 206 09	4 206 19	250		1	4 206 29		200	
								250	

DPX³ 250 electronic release

MCCBs from 40 to 250 A



4 203 69



4 203 25

Electrical characteristics p. 58-60
Dimensions p. 54

Can be mounted on rail or on plate in XL³ cabinets and enclosures
MCCBs for switching, control isolation and protection of low voltage electrical lines
Supplied with ifixing screws, connection plates for bars and cable lugs and insulated shileds (phase barriers)
Can be fitted with cage terminals (p.37) 120 mm² max. (flexible cable) or 150 mm² max. rigid cable
and with DPX³ 160 and 250 common auxiliaires and accessories (p. 38)
Conform to IEC 60947-2

Pack	Cat.Nos		MCCBs - fixed version	Pack	Cat.Nos		MCCBs with electronic earth leakage module - fixed version
			Protection against overloads: Ir adjustable from 0.4 to 1 x In tr adjustable from 3 to 15s Protection against short circuits: Isd adjustable from 1.5 to 10 x Ir tsd adjustable from 0 to 0.5s				Protection against overloads: Ir adjustable from 0.4 to 1 x In tr adjustable from 3 to 15s Protection against short circuits: Isd adjustable from 1.5 to 10 x Ir tsd adjustable from 0 to 0.5s Equipped with earth leakage module with LCD screen Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A Adjustable tripping: 0 - 0.3 - 1 - 3s (with 0.03 A possible only 0s)
			Breaking capacity Icu 25 kA (400 V~)				Breaking capacity Icu 25 kA (400 V~)
1	3P	4P	In (A)	1	4P	In (A)	In (A)
1	4 203 02	4 203 12	40	1	4 203 22	40	40
1	4 203 05	4 203 15	100	1	4 203 25	100	100
1	4 203 07	4 203 17	160	1	4 203 27	160	160
1	4 203 09	4 203 19	250	1	4 203 29	250	250
			Breaking capacity Icu 36 kA (400 V~)				Breaking capacity Icu 36 kA (400 V~)
1	4 203 32	4 203 42	40	1	4 203 52	40	40
1	4 203 35	4 203 45	100	1	4 203 55	100	100
1	4 203 37	4 203 47	160	1	4 203 57	160	160
1	4 203 39	4 203 49	250	1	4 203 59	250	250
			Breaking capacity Icu 50 kA (400 V~)				Breaking capacity Icu 50 kA (400 V~)
1	4 203 62	4 203 72	40	1	4 203 82	40	40
1	4 203 65	4 203 75	100	1	4 203 85	100	100
1	4 203 67	4 203 77	160	1	4 203 87	160	160
1	4 203 69	4 203 79	250	1	4 203 89	250	250
			Breaking capacity Icu 70 kA (400 V~)				Breaking capacity Icu 70 kA (400 V~)
1	4 206 35	4 206 45	40	1	4 206 55	40	40
1	4 206 37	4 206 47	100	1	4 206 57	100	100
1	4 206 38	4 206 48	160	1	4 206 58	160	160
1	4 206 39	4 206 49	250	1	4 206 59	250	250

DPX³ 250 electronic release

MCCBs from 40 to 250 A (continued)



4 206 79



4 204 25

Electrical characteristics p. 58-60
Dimensions p. 54

Can be mounted on rail or on plate in XL³ cabinets and enclosures
MCCBs for switching, control isolation and protection of low voltage electrical lines
Supplied with fixing screws, connection plates for bars and cable lugs and insulated shileds (phase barriers)
Can be fitted with cage terminals (p.37) 120 mm² max. (flexible cable) or 150 mm² max. rigid cable
and with DPX³ 160 and 250 common auxiliaires and accessories (p. 38)
Conform to IEC 60947-2

Pack	Cat.Nos	MCCBs with energy metering central unit - fixed version	Pack	Cat.Nos	MCCBs with energy metering central unit and electronic earth leakage module - fixed version
		Protection against overloads: Ir adjustable from 0.4 to 1 x In tr adjustable from 3 to 15s Protection against short circuits: Lsd adjustable from 1.5 to 10 x Ir tsd adjustable from 0 to 0.5s Integrated energy metering central unit with LCD screen; currents, voltage, frequency, power, energy and harmonics			Protection against overloads: Ir adjustable from 0.4 to 1 x In tr adjustable from 3 to 15s Protection against short circuits: Lsd adjustable from 1.5 to 10 x Ir tsd adjustable from 0 to 0.5s Equipped with earth leakage module with LCD screen
		Breaking capacity Icu 25 kA (400 V~)			Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A Adjustable tripping: 0 - 0.3 - 1 - 3s (with 0.03 A possible only 0s)
1	3P 4 204 02	4P 4 204 12 In (A) 40	1	4 204 22	40
1	4 204 05	4 204 15 100	1	4 204 25	100
1	4 204 07	4 204 17 160	1	4 204 27	160
1	4 204 09	4 204 19 250	1	4 204 29	250
		Breaking capacity Icu 36 kA (400 V~)			Breaking capacity Icu 25 kA (400 V~)
1	4 204 32	4 204 42 40	1	4 204 52	40
1	4 204 35	4 204 45 100	1	4 204 55	100
1	4 204 37	4 204 47 160	1	4 204 57	160
1	4 204 39	4 204 49 250	1	4 204 59	250
		Breaking capacity Icu 50 kA (400 V~)			Breaking capacity Icu 36 kA (400 V~)
1	4 204 62	4 204 72 40	1	4 204 82	40
1	4 204 65	4 204 75 100	1	4 204 85	100
1	4 204 67	4 204 77 160	1	4 204 87	160
1	4 204 69	4 204 79 250	1	4 204 89	250
		Breaking capacity Icu 70 kA (400 V~)			Breaking capacity Icu 50 kA (400 V~)
1	4 206 65	4 206 75 40	1	4 206 85	40
1	4 206 67	4 206 77 100	1	4 206 87	100
1	4 206 68	4 206 78 160	1	4 206 88	160
1	4 206 69	4 206 79 250	1	4 206 89	250
		Breaking capacity Icu 70 kA (400 V~)			Breaking capacity Icu 70 kA (400 V~)

DPX³ 250 electronic release

MCCBs from 40 to 250 A (continued)



4 205 49

Electrical characteristics p. 58-60
Dimensions p. 54

Can be mounted on rail or on plate in XL³ cabinets and enclosures MCCBs for switching, control isolation and protection of low voltage electrical lines
Supplied fixing screws, connection plates for bars and cable lugs and insulated shields (phase barriers).
Can be fitted with cage terminals (p.37) 120 mm² max. (flexible cable) or 150 mm² max. rigid cable and with DPX³ 160 and 250 common auxiliaires and accessories (p. 38). Conform to IEC 60947-2

Pack	Cat.Nos		Electronic release Sg MCCBs - fixed version
			Protection against overloads: Ir adjustable from 0.4 to 1 x In tr adjustable from 3 to 15s Protection against short circuits: lsd adjustable from 1.5 to 10 x Ir tsd adjustable from 0 to 0.5s Protection against earth fault: Ig adjustable: from 0.2 to 1 x In and OFF position tg adjustable from 0.1 to 1s
			Breaking capacity Icu 25 kA (400 V\sim)
		In (A)	
1	4 205 02	4 205 12	40
1	4 205 05	4 205 15	100
1	4 205 07	4 205 17	160
1	4 205 09	4 205 19	250
			Breaking capacity Icu 36 kA (400 V\sim)
1	4 205 22	4 205 32	40
1	4 205 25	4 205 35	100
1	4 205 27	4 205 37	160
1	4 205 29	4 205 39	250
			Breaking capacity Icu 50 kA (400 V\sim)
1	4 205 42	4 205 52	40
1	4 205 45	4 205 55	100
1	4 205 47	4 205 57	160
1	4 205 49	4 205 59	250
			Breaking capacity Icu 70 kA (400 V\sim)
1	4 206 92	4 207 02	40
1	4 206 95	4 207 05	100
1	4 206 97	4 207 07	160
1	4 206 99	4 207 09	250

DPX³ 250 equipment and mounting accessories



4 210 44 4 210 31 4 210 72

Pack Cat.Nos Equipment for plug-in version

A plug-in version DPX³ is a fixed version DPX³ mounted on a plug-in base

Plug-in bases for DPX³ 250

Front or rear terminal mounting base

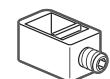
For DPX³ 250 - 3P
For DPX³ 250 - 4P with or without earth leakage module

Connectors for auxiliary contacts

Set of connectors

Padlocks for plug-in base

Key barrel and flat key N° ABA90GEL6149
Key barrel and star key N° HBA90GPS6149
Padlock accessory



Connection accessories

Cage terminals

For Cu/Al cables, 1 x 120 mm² for flexible cables and 1 x 150 mm² for rigid cables and lugs 28.5 x 8 x 8.5 mm

Set of 3 terminals

Set of 4 terminals



Screw terminals for bar connections

Set of 3 terminals

Set of 4 terminals



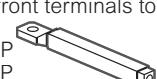
Insulated shields (phase barriers)

Set of 3 insulated shields



Spreaders

For incoming bars or cable lugs
Set of 3 spreaders for DPX³ 250 3P
Set of 4 spreaders for DPX³ 250 4P



Rear terminals

Flat swivel terminals

Used to convert a fixed version with front terminals to a fixed version with rear terminals

Set of 3 rear terminals for DPX³ 250 3P
Set of 4 rear terminals for DPX³ 250 4P



Sealable terminal shields

For front terminals

For DPX³ 250 3P

For DPX³ 250 4P



For rear terminals

For DPX³ 250 3P

For DPX³ 250 4P



Fixing plates

For fixing DPX³ 250 on rail or on plate

For DPX³ 250 3P/4P without earth leakage module

For DPX³ 250 4P with earth leakage module

For DPX³ 250 3P/4P with side mounting motor operator

DPX³ 160 and 250 common auxiliaries and accessories



4 210 58



4 210 00



4 210 10



4 210 11



4 210 16



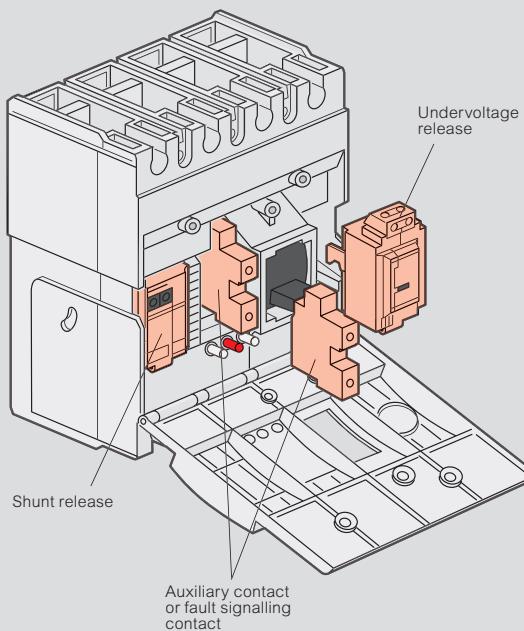
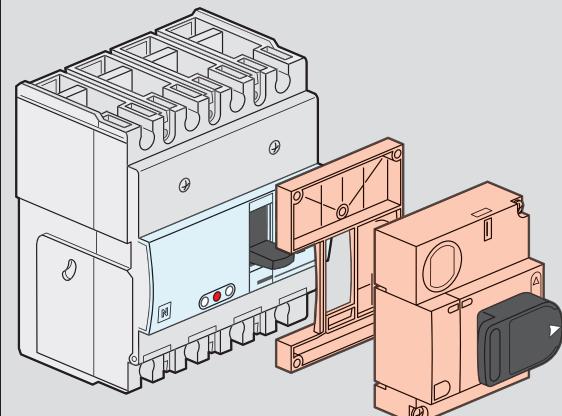
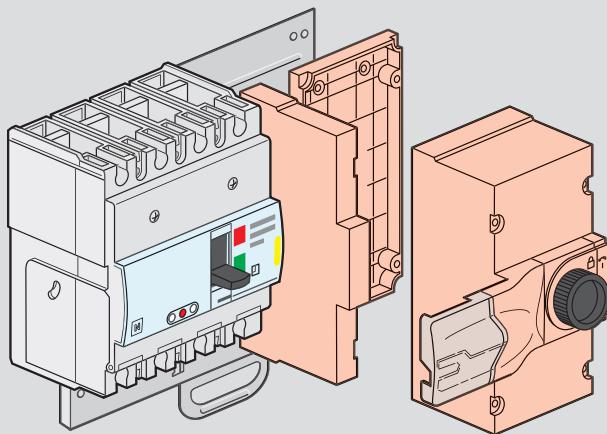
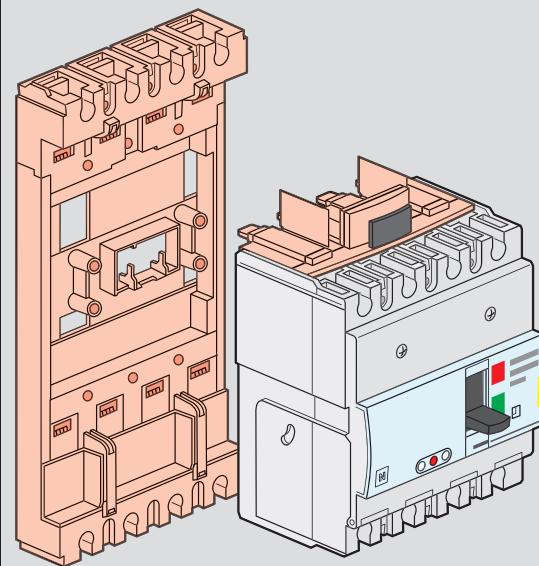
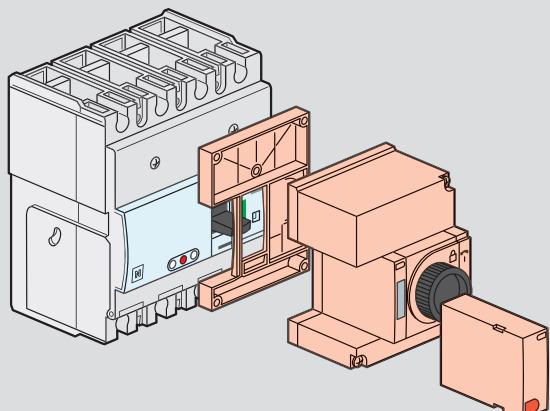
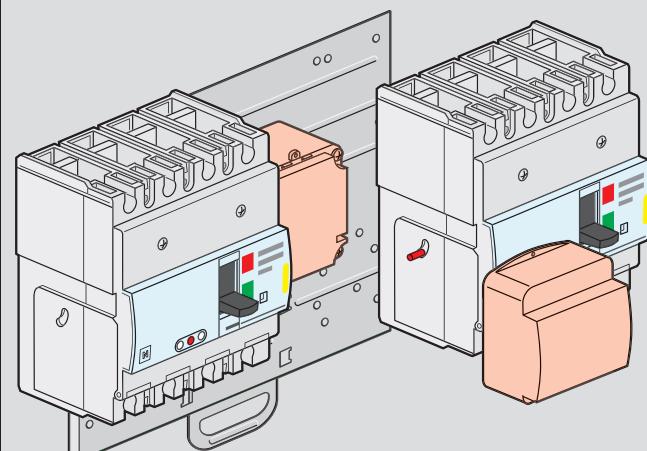
4 210 22

Pack	Cat.Nos	Supply inverter type
1	4 210 58	Plate for mounting and interlocking of 2 DPX ³ For 2 DPX ³ 160 or 2 DPX ³ 250 or 1 DPX ³ 160 and 1 DPX ³ 250
1	4 210 59	For fixed version For plug-in and draw-out version
Rotary handles		
Direct on DPX		
1	4 210 00	Standard handle for thermal magnetic DPX ³ without earth leakage module
1	4 210 01	Standard handle for electronic DPX ³ and/or with earth leakage module
1	4 210 02	Handle for emergency use for thermal magnetic DPX ³ without earth leakage module
1	4 210 03	Handle for emergency use for electronic DPX ³ and/or with earth leakage module
Vari-depth handles		
1	4 210 04	For all version of DPX ³
1	4 210 05	Standard handle Handle for emergency use
Locking accessories		
1	4 210 06	Key barrel and flat key N° ABA90GEL6149 for direct handle
1	4 210 07	Key barrel and star key N° HBA90GPS6149 for direct handle
1	4 210 08	Key barrel and flat key N° ABA90GEL6149 for vari-depth handle
1	4 210 09	Key barrel and star key N° HBA90GPS6149 for vari-depth handle
Motor-driven handles		
Motor operators 24 to 230 V~/=		
1	4 210 60	Side motor operator
1	4 210 61	Front motor operator
Locking accessories		
1	4 210 62	Key barrel and flat key N° ABA90GEL6149 for front motor operator
1	4 210 63	Key barrel and star key N° HBA90GPS6149 for front motor operator
1	4 210 64	Padlock for front motor operator
1	4 210 65	Key barrel and flat key N° ABA90GEL6149 for side motor operator
1	4 210 66	Key barrel and star key N° HBA90GPS6149 for side motor operator
1	4 210 67	Padlock for side motor operator

Pack	Cat.Nos	Auxiliaries
Auxiliary contacts		
1	4 210 10	1 N/C + 1 N/O auxiliary contact for rotary handles
1	4 210 11	Auxiliary contact or fault signalling contact
1	4 210 48	Signalling contact plugged-in / drawn-out (for DPX ³ plug-in version)
Shunt releases		
1	4 210 12	12 V~/=
1	4 210 13	24 V~/=
1	4 210 14	48 V~/=
1	4 210 15	110-130 V~/=
1	4 210 16	200-277 V~/=
1	4 210 17	380-480 V~/=
Undervoltage releases		
1	4 210 18	12 V~/=
1	4 210 19	24 V~/=
1	4 210 20	48 V~/=
1	4 210 21	110-130 V~/=
1	4 210 22	200-240 V~/=
1	4 210 23	277 V~
1	4 210 24	380-415 V~
1	4 210 25	440-480 V~
Locking accessory		
1	4 210 49	Padlock for locking in "open" position
Communication interface		
1	4 210 75	Modbus

DPX³ 160/250

installation principle

Auxiliaries mounting**Direct rotary handle****Side mounting motor-driven handle****Plug-in version****Front mounting motor-driven handle****Supply invertor type**

DPX³ 630

thermal magnetic release MCCBs from 250 to 630 A



4 220 02



4 220 07



Dimensions p. 56

Electrical characteristics p. 60-61

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines

Can be fitted with auxiliaries (p. 50)

Can be used with earth leakage modules (p. 44) or with residual current relays (p. 51)

Supplied with:

- fixing screws

- connection plates for bars

- insulated shields (phase barriers)

Conform to IEC 60947-2 - Sealable adjustment

Can be mounted on plate in XL³ cabinets and enclosures

Pack	Cat.Nos	
	MCCBs thermal magnetic release - fixed version	
	Thermal adjustable from 0.8 to 1 In Magnetic adjustable from 5 to 10 In	
	Breaking capacity Icu 36 kA (400 V~)	
	In (A)	
1	3P	4P
1	4 220 00	4 220 05
1	250	
1	4 220 01	4 220 06
1	320	
1	4 220 02	4 220 07
1	400	
1	4 220 03	4 220 08
1	500	
1	4 220 04	4 220 09
1	630	
	3P + N/2	
1	4 220 10	320
1	4 220 11	400
1	4 220 12	500
1	4 220 13	630
	Breaking capacity Icu 50 kA (400 V~)	
	In (A)	
1	3P	4P
1	4 220 14	4 220 19
1	250	
1	4 220 15	4 220 20
1	320	
1	4 220 16	4 220 21
1	400	
1	4 220 17	4 220 22
1	500	
1	4 220 18	4 220 23
1	630	
	3P + N/2	
1	4 220 24	320
1	4 220 25	400
1	4 220 26	500
1	4 220 27	630

Pack	Cat.Nos	
	MCCBs thermal magnetic release - fixed version (continued)	
	Breaking capacity Icu 70 kA (400 V~)	
	In (A)	
1	3P	4P
1	4 220 28	4 220 33
1	250	
1	4 220 29	4 220 34
1	320	
1	4 220 30	4 220 35
1	400	
1	4 220 31	4 220 36
1	500	
1	4 220 32	4 220 37
1	630	
	3P + N/2	
1	4 220 38	320
1	4 220 39	400
1	4 220 40	500
1	4 220 41	630
	Breaking capacity Icu 100 kA (400 V~)	
	In (A)	
1	3P	4P
1	4 220 42	4 220 47
1	250	
1	4 220 43	4 220 48
1	320	
1	4 220 44	4 220 49
1	400	
1	4 220 45	4 220 50
1	500	
1	4 220 46	4 220 51
1	630	
	3P + N/2	
1	4 220 52	320
1	4 220 53	400
1	4 220 54	500
1	4 220 55	630

DPX³ 630

S1 electronic release MCCBs from 250 to 630 A



4 225 15

Dimensions p. 56 Electrical characteristics p. 60-61

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines

Can be fitted with auxiliaries (p. 50)

Can be used with earth leakage modules (p. 44) or with residual current relays (p. 51)

Supplied with:

- fixing screws
- connection plates for bars
- insulated shields (phase barriers)

Conform to IEC 60947-2 - Sealable adjustment

Can be mounted on plate in XL³ cabinets and enclosures

Pack	Cat.Nos		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
			Breaking capacity Icu 36 kA (400 V\sim)
	3P	4P	In (A)
1	4 224 98	4 225 03	250
1	4 224 99	4 225 04	320
1	4 225 00	4 225 05	400
1	4 225 01	4 225 06	500
1	4 225 02	4 225 07	630
			Breaking capacity Icu 50 kA (400 V\sim)
1	4 225 08	4 225 13	250
1	4 225 09	4 225 14	320
1	4 225 10	4 225 15	400
1	4 225 11	4 225 16	500
1	4 225 12	4 225 17	630
			Breaking capacity Icu 70 kA (400 V\sim)
1	4 225 18	4 225 23	250
1	4 225 19	4 225 24	320
1	4 225 20	4 225 25	400
1	4 225 21	4 225 26	500
1	4 225 22	4 225 27	630
			Breaking capacity Icu 100 kA (400 V\sim)
1	4 225 28	4 225 33	250
1	4 225 29	4 225 34	320
1	4 225 30	4 225 35	400
1	4 225 31	4 225 36	500
1	4 225 32	4 225 37	630

For DPX 630 electronic release S1 **please consult us**

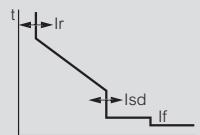


DPX³ 630/1600

electronic release

Performance data

S1 - Adjustment of Ir, Isd



Protection against overloads:

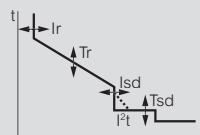
- Ir adjustable from 0.4 to 1 x In

Protection against short circuits:

- Isd adjustable from 1.5 to 10 x Ir

Instantaneous protection If = 5 kA

S2 - Adjustment of Ir, tr, Isd, tsd



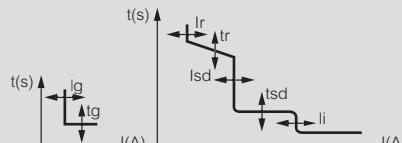
Protection against overloads:

- Ir adjustable from 0.4 to 1 x In
- tr adjustable from 3 to 15 s

Protection against short circuits:

- Isd adjustable from 1.5 to 10 x Ir
- tsd adjustable from 0 to 0.5 s

Sg - Adjustment of Ir, tr, Isd, tsd, Ig, tg



Protection against overloads:

- Ir adjustable from 0.4 to 1 x In
- tr adjustable from 3 to 15 s

Protection against short circuits:

- Isd adjustable from 1.5 to 10 x Ir
- tsd adjustable from 0 to 0.5 s

Protection against earth fault:

- Ig adjustable: from 0.2 to 1 x In and OFF position
- tg adjustable from 0.1 to 1 s

DPX³ 630

S2 electronic release MCCBs from 250 to 630 A



4 220 60



4 220 65

Dimensions p. 56
Electrical characteristics p. 60-61

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines

Can be fitted with auxiliaries (p. 50)

Can be used with earth leakage modules (p. 44) or with residual current relays (p. 51)

Supplied with:

- fixing screws
- connection plates for bars
- insulated shields (phase barriers)

Conform to IEC 60947-2 - Sealable adjustment

Can be mounted on plate in XL³ cabinets and enclosures

Pack	Cat.Nos		MCCBs electronic release S2 - fixed version	
			Adjustment of Ir, Isd, tr, tsd (p. 41) Instantaneous protection If = 5 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel	
			Breaking capacity Icu 36 kA (400 V~)	
			In (A)	
1	3P	4 220 56 4 220 61	250	
1		4 220 57 4 220 62	320	
1		4 220 58 4 220 63	400	
1		4 220 59 4 220 64	500	
1		4 220 60 4 220 65	630	
			Breaking capacity Icu 50 kA (400 V~)	
1		4 220 66 4 220 71	250	
1		4 220 67 4 220 72	320	
1		4 220 68 4 220 73	400	
1		4 220 69 4 220 74	500	
1		4 220 70 4 220 75	630	
			Breaking capacity Icu 70 kA (400 V~)	
1		4 220 76 4 220 81	250	
1		4 220 77 4 220 82	320	
1		4 220 78 4 220 83	400	
1		4 220 79 4 220 84	500	
1		4 220 80 4 220 85	630	
			Breaking capacity Icu 100 kA (400 V~)	
1		4 220 86 4 220 91	250	
1		4 220 87 4 220 92	320	
1		4 220 88 4 220 93	400	
1		4 220 89 4 220 94	500	
1		4 220 90 4 220 95	630	

Pack	Cat.Nos		MCCBs electronic release S2 with energy metering central unit - fixed version	
			Adjustment of Ir, Isd, tr, tsd (p. 41) Instantaneous protection If = 5 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel	
			Breaking capacity Icu 36 kA (400 V~)	
			In (A)	
1	3P	4 220 96 4 221 01	250	
1		4 220 97 4 221 02	320	
1		4 220 98 4 221 03	400	
1		4 220 99 4 221 04	500	
1		4 221 00 4 221 05	630	
			Breaking capacity Icu 50 kA (400 V~)	
1		4 221 06 4 221 11	250	
1		4 221 07 4 221 12	320	
1		4 221 08 4 221 13	400	
1		4 221 09 4 221 14	500	
1		4 221 10 4 221 15	630	
			Breaking capacity Icu 70 kA (400 V~)	
1		4 221 16 4 221 21	250	
1		4 221 17 4 221 22	320	
1		4 221 18 4 221 23	400	
1		4 221 19 4 221 24	500	
1		4 221 20 4 221 25	630	
			Breaking capacity Icu 100 kA (400 V~)	
1		4 221 26 4 221 31	250	
1		4 221 27 4 221 32	320	
1		4 221 28 4 221 33	400	
1		4 221 29 4 221 34	500	
1		4 221 30 4 221 35	630	

DPX³ 630

Sg electronic release MCCBs from 250 to 630 A



4 221 38



4 221 43

Dimensions p. 56
Electrical characteristics p. 60-61

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines

Can be fitted with auxiliaries (p. 50)

Can be used with earth leakage modules (p. 44) or with residual current relays (p. 51)

Supplied with:

- fixing screws
- connection plates for bars
- insulated shields (phase barriers)

Conform to IEC 60947-2 - Sealable adjustment

Can be mounted on plate in XL³ cabinets and enclosures

Pack	Cat.Nos		MCCBs electronic release Sg - fixed version				
			Adjustment of Ir, Isd, Ig, tr, tsd, tg (p. 41) Instantaneous protection If = 5 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel				
			Breaking capacity Icu 36 kA (400 V\sim)				
		In (A)					
1	4 221 36	4 221 41	250	1	4 221 76	4 221 81	250
1	4 221 37	4 221 42	320	1	4 221 77	4 221 82	320
1	4 221 38	4 221 43	400	1	4 221 78	4 221 83	400
1	4 221 39	4 221 44	500	1	4 221 79	4 221 84	500
1	4 221 40	4 221 45	630	1	4 221 80	4 221 85	630
			Breaking capacity Icu 50 kA (400 V\sim)				
1	4 221 46	4 221 51	250	1	4 221 86	4 221 91	250
1	4 221 47	4 221 52	320	1	4 221 87	4 221 92	320
1	4 221 48	4 221 53	400	1	4 221 88	4 221 93	400
1	4 221 49	4 221 54	500	1	4 221 89	4 221 94	500
1	4 221 50	4 221 55	630	1	4 221 90	4 221 95	630
			Breaking capacity Icu 70 kA (400 V\sim)				
1	4 221 56	4 221 61	250	1	4 221 96	4 222 01	250
1	4 221 57	4 221 62	320	1	4 221 97	4 222 02	320
1	4 221 58	4 221 63	400	1	4 221 98	4 222 03	400
1	4 221 59	4 221 64	500	1	4 221 99	4 222 04	500
1	4 221 60	4 221 65	630	1	4 222 00	4 222 05	630
			Breaking capacity Icu 100 kA (400 V\sim)				
1	4 221 66	4 221 71	250	1	4 222 06	4 222 11	250
1	4 221 67	4 221 72	320	1	4 222 07	4 222 12	320
1	4 221 68	4 221 73	400	1	4 222 08	4 222 13	400
1	4 221 69	4 221 74	500	1	4 222 09	4 222 14	500
1	4 221 70	4 221 75	630	1	4 222 10	4 222 15	630

Pack	Cat.Nos		MCCBs electronic release Sg with energy metering central unit - fixed version				
			Adjustment of Ir, Isd, Ig, tr, tsd, tg (p. 41) Instantaneous protection If = 5 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel				
			Breaking capacity Icu 36 kA (400 V\sim)				
1	4 221 76	4 221 81	250	1	4 221 86	4 221 91	250
1	4 221 77	4 221 82	320	1	4 221 87	4 221 92	320
1	4 221 78	4 221 83	400	1	4 221 88	4 221 93	400
1	4 221 79	4 221 84	500	1	4 221 89	4 221 94	500
1	4 221 80	4 221 85	630	1	4 221 90	4 221 95	630
			Breaking capacity Icu 50 kA (400 V\sim)				
1	4 221 86	4 221 91	250	1	4 221 96	4 222 01	250
1	4 221 87	4 221 92	320	1	4 221 97	4 222 02	320
1	4 221 88	4 221 93	400	1	4 221 98	4 222 03	400
1	4 221 89	4 221 94	500	1	4 221 99	4 222 04	500
1	4 221 90	4 221 95	630	1	4 222 00	4 222 05	630
			Breaking capacity Icu 70 kA (400 V\sim)				
1	4 221 96	4 222 01	250	1	4 221 96	4 222 01	250
1	4 221 97	4 222 02	320	1	4 221 97	4 222 02	320
1	4 221 98	4 222 03	400	1	4 221 98	4 222 03	400
1	4 221 99	4 222 04	500	1	4 221 99	4 222 04	500
1	4 222 00	4 222 05	630	1	4 222 00	4 222 05	630
			Breaking capacity Icu 100 kA (400 V\sim)				
1	4 222 06	4 222 11	250	1	4 222 06	4 222 11	250
1	4 222 07	4 222 12	320	1	4 222 07	4 222 12	320
1	4 222 08	4 222 13	400	1	4 222 08	4 222 13	400
1	4 222 09	4 222 14	500	1	4 222 09	4 222 14	500
1	4 222 10	4 222 15	630	1	4 222 10	4 222 15	630

DPX³ 630

earth leakage modules



0 260 63

Pack	Cat.Nos
1	3P 0 260 60 4P 0 260 61 0 260 64 0 260 65
1	Standard In (A) 400 630
1	LED version Monitors the isolation state of the installation via a series of LEDs In (A) 400 630
1	4P 0 260 63 0 260 67

Earth leakage modules

Can be fitted onto DPX³/DPX³-I 630
Adjustable, sealable sensitivity:
0.03 - 0.3 - 1 - 3 A
Adjustable, time delay: 0 - 0.3 - 1 - 3 s
Test push-button
Reset push-button
Remote earth fault signalling contact
Switch for mechanical tests (installation insulation test)
Mounted underneath
230-500 V~

Standard

In (A)
400
630

LED version

Monitors the isolation state of the installation via a series of LEDs
In (A)

400
630

DPX³ 630

equipment and accessories



4 222 22



4 222 32

Pack	Cat.Nos
1	3P 4 222 20 4P 4 222 21
1	4 222 22 4 222 23 4 222 24 4 222 25
1	4P 4 222 26 4 222 27
1	4 222 37
1	4 222 28 4 222 29

Plug-in version

A plug-in is a DPX³ fitted with special terminals and mounted on a plug-in base

Special terminals for plug-in/draw-out base

Set of incoming and outgoing terminals (6 terminals for 3P DPX³ or 8 terminals for 4P DPX³)

Bases for DPX³ only

Accept DPX³/DPX³-I fitted with special terminals

Front terminal mounting base
Flat rear terminal mounting base

Bases for DPX³ with earth leakage module

Front terminal mounting base
Flat rear terminal mounting base

Conversion kit DPX/DPX³

Allows the installation of a DPX³ instead of a DPX

Accessories

Set of 2 extractor handle
Set of connectors (24-pin)

Pack	Cat.Nos
1	3P 4 222 31 4P 4 222 32 4 222 33
1	Flat key 0 265 76 Star key 0 263 48 0 265 78 0 265 77
1	0 265 75 0 265 74 0 263 99
1	4 222 36
1	4 222 30

Draw-out version

A DPX³ draw-out version is a plug-in DPX³ fitted with a "Debro-lift" mechanism which can be used to withdraw the DPX³ while keeping it on its base

"Debro-lift" mechanism

Supplied with a rigid slide and handle for drawing-out

For DPX³ base only

For DPX³ base with earth leakage module

Key-lock for "Debro-lift" mechanism

Enable locking of DPX³ in drawn-out position

Flat key n°HBA90GPS6149

Star key n°ABA90GEL6149

One key for DPX³ only

Two keys (one key supplied) for motorised DPX³ or with rotary handle

Accessories for "Debro-lift" mechanism

Handle for drawing-out

Signalling contact (plugged-in/drawn-out)

Set of connectors (8 contacts)

Fixing plate for connectors

For fixing the sets of connectors

Cat.Nos 0 098 19 and 0 263 99 on a DPX³ plug-in or draw-out version

Blocks of auxiliairy contacts

Block of 6 automatic auxiliairy contacts for DPX³ draw-out version (up to 2 blocks by DPX³)



For the old range of accessories for DPX 630
plug-in and draw-out versions
please consult us

DPX³ 630

equipment and accessories (continued)



0 261 40



0 262 50



0 262 51



0 262 48

Pack	Cat.Nos.	Supply inverter type
1	0 264 09	Factory assembled
1	0 264 04	A supply inverter type is composed of one plate with interlock for 2 devices Plate for MCCB or trip-free switch fixed version Plate for MCCB or trip-free switch plug-in and draw-out version
Rotary handles		
1	0 262 41	Direct on DPX³ Standard (grey)
1	4 222 38	For emergency use (red/yellow) - can be fitted on Cat.Nos 0 262 22, 0 262 41 or 0 262 81
Vari-depth handle IP 55		
1	0 262 81	Comprising: connection rod, bracket, self-adhesive drilling template, mounting accessories and door lock mechanism Standard (grey)
1	0 262 82	For emergency use (red/yellow) can be fitted on Cat.Nos 0 262 81 or 0 262 41
Locking accessories		
1	0 262 93	For vary-depth handle Key barrel and flat key N° ABA90GEL6149
1	0 262 94	Key barrel and star key N° HBA90GPS6149
Motor-driven handles		
Front operated		
1	0 261 40	24 V~/=
1	0 261 41	48 V~/=
1	0 261 44	230 V~
Accessories		
1	0 261 59	Lock and flat key N° ABA90GEL6149
1	0 261 58	Lock and star key N° HBA90GPS6149

Pack	Cat.Nos.	Accessories
1	0 262 30	Insulated shields (phase barriers) Set of 3
1	0 262 44 0 262 45	Sealable terminal shields Set of 2
1	0 262 40	Padlock For locking in "OPEN" position
1	0 262 50	Cage terminals Set of 4 terminals for cable 300 mm ² max. (rigid) or 240 mm ² max. (flexible)
1	0 262 51	Set of 4 high-capacity terminals for cable 2 x 240 mm ² (rigid) or 2 x 185 mm ² (flexible)
1	0 262 46	Adaptor for lug For connecting bare cables with wide lugs Set of 4 adaptors + insulated shields
1	0 262 47	Extended front terminals Set of 4
1	0 262 48 0 262 49	Spreaders Set of incoming or outgoing spreaders
1	0 263 50 0 263 51	Rear terminals Used to convert the fixed version with front terminals to the fixed version with rear terminals Set of incoming or outgoing swivel terminals
1	0 263 52 0 263 53	Set of incoming or outgoing flat terminals
1	4 222 34 4 222 35	IP 20 terminal covers Set of 2 terminal covers

DPX³ 1600

thermal magnetic release MCCBs from 630 to 1250 A



4 222 78



4 222 83

Dimensions p. 57
Electrical characteristics p. 60-61

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines. Can be fitted with auxiliaries (p. 50)
Can be used with residual current relays (p. 51)

Supplied with:

- fixing screws
- connection plates for bars
- insulated shields (phase barriers)

Conform to IEC 60947-2 - Sealable adjustment

Can be mounted on plate in XL³ cabinets and enclosures

Pack	Cat.Nos		MCCBs thermal magnetic release fixed version	
			Thermal adjustable from 0.8 to 1 In Magnetic adjustable from 5 to 10 In	
			Breaking capacity Icu 36 kA (400 V~)	
1	3P	4P	In (A)	
1	4 222 51	4 222 56	630	
1	4 222 52	4 222 57	800	
1	4 222 53	4 222 58	1000	
1	4 222 54	4 222 59	1250	
	3P + N/2			
1	4 222 60		1000	
1	4 222 61		1250	
	Breaking capacity Icu 50 kA (400 V~)			
1	3P	4P	In (A)	
1	4 222 63	4 222 68	630	
1	4 222 64	4 222 69	800	
1	4 222 65	4 222 70	1000	
1	4 222 66	4 222 71	1250	
	3P + N/2			
1	4 222 72		1000	
1	4 222 73		1250	
	Breaking capacity Icu 70 kA (400 V~)			
1	3P	4P	In (A)	
1	4 222 75	4 222 80	630	
1	4 222 76	4 222 81	800	
1	4 222 77	4 222 82	1000	
1	4 222 78	4 222 83	1250	
	3P + N/2			
1	4 222 84		1000	
1	4 222 85		1250	
	Breaking capacity Icu 100 kA (400 V~)			
1	3P	4P	In (A)	
1	4 222 87	4 222 92	630	
1	4 222 88	4 222 93	800	
1	4 222 89	4 222 94	1000	
1	4 222 90	4 222 95	1250	
	3P + N/2			
1	4 222 96		1000	
1	4 222 97		1250	

DPX³ 1600

S1 electronic release MCCBs from 630 to 1600 A



4 225 59

Dimensions p. 57
Electrical characteristics p. 60-61

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines. Can be fitted with auxiliaries (p. 50)
Can be used with residual current relays (p. 51)

Supplied with:

- fixing screws
- connection plates for bars
- insulated shields (phase barriers)

Conform to IEC 60947-2 - Sealable adjustment

Can be mounted on plate in XL³ cabinets and enclosures

Pack	Cat.Nos		MCCBs electronic release S1 fixed version	
			Adjustment of Ir, lsd (p. 41) Instantaneous protection If = 20 kA Green indicator lamp Connector for test unit Dynamic selectivity 4P version: adjustment of neutral on front panel	
	Breaking capacity Icu 36 kA (400 V~)			
1	3P	4P	In (A)	
1	4 225 39	4 225 45	630	
1	4 225 40	4 225 46	800	
1	4 225 41	4 225 47	1000	
1	4 225 42	4 225 48	1250	
1	4 225 43	4 225 49	1600	
	Breaking capacity Icu 50 kA (400 V~)			
1	3P	4P	In (A)	
1	4 225 51	4 225 57	630	
1	4 225 52	4 225 58	800	
1	4 225 53	4 225 59	1000	
1	4 225 54	4 225 60	1250	
1	4 225 55	4 225 61	1600	
	Breaking capacity Icu 70 kA (400 V~)			
1	3P	4P	In (A)	
1	4 225 63	4 225 69	630	
1	4 225 64	4 225 70	800	
1	4 225 65	4 225 71	1000	
1	4 225 66	4 225 72	1250	
1	4 225 67	4 225 73	1600	
	Breaking capacity Icu 100 kA (400 V~)			
1	3P	4P	In (A)	
1	4 225 75	4 225 81	630	
1	4 225 76	4 225 82	800	
1	4 225 77	4 225 83	1000	
1	4 225 78	4 225 84	1250	

For DPX 1600 electronic release S1 please consult us



DPX³ 1600

S2 electronic release MCCBs from 630 to 1600 A



4 223 27



4 223 33

Dimensions p. 57
Electrical characteristics p. 60-61

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines

Can be fitted with auxiliaries (p. 50)

Can be used with residual current relays (p. 51)

Supplied with:

- fixing screws
- connection plates for bars
- insulated shields (phase barriers)

Conform to IEC 60947-2 - Sealable adjustment

Can be mounted on plate in XL³ cabinets and enclosures

Pack	Cat.Nos		MCCBs electronic release S2 fixed version	
			Adjustment of Ir, Isd, tr, tsd (p. 41) Instantaneous protection If = 20 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel	
			Breaking capacity Icu 36 kA (400 V~)	
			In (A)	
1	3P 4 223 99	4 223 05	630	
1	4 223 00	4 223 06	800	
1	4 223 01	4 223 07	1000	
1	4 223 02	4 223 08	1250	
1	4 223 03	4 223 09	1600	
			Breaking capacity Icu 50 kA (400 V~)	
1	4 223 11 4 223 17		630	
1	4 223 12 4 223 18		800	
1	4 223 13 4 223 19		1000	
1	4 223 14 4 223 20		1250	
1	4 223 15 4 223 21		1600	
			Breaking capacity Icu 70 kA (400 V~)	
1	4 223 23 4 223 29		630	
1	4 223 24 4 223 30		800	
1	4 223 25 4 223 31		1000	
1	4 223 26 4 223 32		1250	
1	4 223 27 4 223 33		1600	
			Breaking capacity Icu 100 kA (400 V~)	
1	4 223 35 4 223 41		630	
1	4 223 36 4 223 42		800	
1	4 223 37 4 223 43		1000	
1	4 223 38 4 223 44		1250	

Pack	Cat.Nos		MCCBs electronic release S2 with energy metering central unit fixed version	
			Adjustment of Ir, Isd, tr, tsd (p. 41) Instantaneous protection If = 20 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel	
			Breaking capacity Icu 36 kA (400 V~)	
			In (A)	
1	3P 4 223 47	4 223 53	630	
1	4 223 48	4 223 54	800	
1	4 223 49	4 223 55	1000	
1	4 223 50	4 223 56	1250	
1	4 223 51	4 223 57	1600	
			Breaking capacity Icu 50 kA (400 V~)	
1	4 223 59 4 223 65		630	
1	4 223 60 4 223 66		800	
1	4 223 61 4 223 67		1000	
1	4 223 62 4 223 68		1250	
1	4 223 63 4 223 69		1600	
			Breaking capacity Icu 70 kA (400 V~)	
1	4 223 71 4 223 77		630	
1	4 223 72 4 223 78		800	
1	4 223 73 4 223 79		1000	
1	4 223 74 4 223 80		1250	
1	4 223 75 4 223 81		1600	
			Breaking capacity Icu 100 kA (400 V~)	
1	4 223 83 4 223 89		630	
1	4 223 84 4 223 90		800	
1	4 223 85 4 223 91		1000	
1	4 223 86 4 223 92		1250	

DPX³ 1600

Sg electronic release MCCBs from 630 to 1600 A



4 224 23



4 224 29

Dimensions p. 56
Electrical characteristics p. 60-61

Moulded case MCCBs for switching, control isolation and protection of low voltage electrical lines

Can be fitted with auxiliaries (p. 50)

Can be used with residual current relays (p. 51)

Supplied with:

- fixing screws
- connection plates for bars
- insulated shields (phase barriers)

Conform to IEC 60947-2 - Sealable adjustment

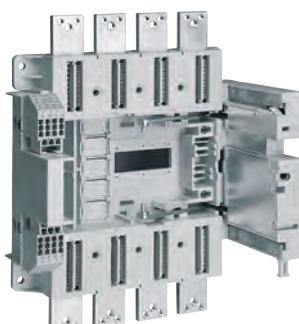
Can be mounted on plate in XL³ cabinets and enclosures

Pack	Cat.Nos		MCCBs electronic release Sg fixed version	
			Adjustment of Ir, lsd, Ig, tr, tsd, tg (p. 41) Instantaneous protection If = 20 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel	
	3P	4P		
1	4 223 95	4 224 01	In (A)	
1	4 223 96	4 224 02	630	
1	4 223 97	4 224 03	800	
1	4 223 98	4 224 04	1000	
1	4 223 99	4 224 05	1250	
			Breaking capacity Icu 36 kA (400 V\sim)	
			I(A)	
1	4 224 07	4 224 13	t(s)	
1	4 224 08	4 224 14	Ig	
1	4 224 09	4 224 15	tg	
1	4 224 10	4 224 16	Ir	
1	4 224 11	4 224 17	tr	
			lsd	
			tsd	
			li	
			I(A)	
			Breaking capacity Icu 50 kA (400 V\sim)	
			I(A)	
1	4 224 19	4 224 25	t(s)	
1	4 224 20	4 224 26	Ig	
1	4 224 21	4 224 27	tg	
1	4 224 22	4 224 28	Ir	
1	4 224 23	4 224 29	tr	
			lsd	
			tsd	
			li	
			I(A)	
			Breaking capacity Icu 70 kA (400 V\sim)	
			I(A)	
1	4 224 67	4 224 73	t(s)	
1	4 224 68	4 224 74	Ig	
1	4 224 69	4 224 75	tg	
1	4 224 70	4 224 76	Ir	
1	4 224 71	4 224 77	tr	
			lsd	
			tsd	
			li	
			I(A)	
			Breaking capacity Icu 100 kA (400 V\sim)	
			I(A)	
1	4 224 79	4 224 85	t(s)	
1	4 224 80	4 224 86	Ig	
1	4 224 81	4 224 87	tg	
1	4 224 82	4 224 88	Ir	
			tr	
			lsd	
			tsd	
			li	
			I(A)	

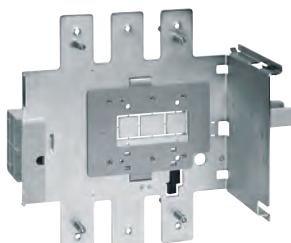
Pack	Cat.Nos		MCCBs electronic release Sg with energy metering central unit fixed version	
			Adjustment of Ir, lsd, Ig, tr, tsd, tg (p. 129) Instantaneous protection If = 20 kA Green indicator lamp Connector for test unit Logic and dynamic selectivity 4P version: adjustment of neutral on front panel	
	3P	4P		
1	4 224 43	4 224 49	In (A)	
1	4 224 44	4 224 50	630	
1	4 224 45	4 224 51	800	
1	4 224 46	4 224 52	1000	
1	4 224 47	4 224 53	1250	
			Breaking capacity Icu 36 kA (400 V\sim)	
			I(A)	
1	4 224 55	4 224 61	t(s)	
1	4 224 56	4 224 62	Ig	
1	4 224 57	4 224 63	tg	
1	4 224 58	4 224 64	Ir	
1	4 224 59	4 224 65	tr	
			lsd	
			tsd	
			li	
			I(A)	
			Breaking capacity Icu 50 kA (400 V\sim)	
			I(A)	
1	4 224 67	4 224 73	t(s)	
1	4 224 68	4 224 74	Ig	
1	4 224 69	4 224 75	tg	
1	4 224 70	4 224 76	Ir	
1	4 224 71	4 224 77	tr	
			lsd	
			tsd	
			li	
			I(A)	
			Breaking capacity Icu 70 kA (400 V\sim)	
			I(A)	
1	4 224 79	4 224 85	t(s)	
1	4 224 80	4 224 86	Ig	
1	4 224 81	4 224 87	tg	
1	4 224 82	4 224 88	Ir	
			tr	
			lsd	
			tsd	
			li	
			I(A)	
			Breaking capacity Icu 100 kA (400 V\sim)	
			I(A)	
1	4 224 31	4 224 37	t(s)	
1	4 224 32	4 224 38	Ig	
1	4 224 33	4 224 39	tg	
1	4 224 34	4 224 40	Ir	
			tr	
			lsd	
			tsd	
			li	
			I(A)	

DPX³ 1600

equipment and accessories



4 225 87 + 4 222 30



4 225 94



4 222 30



0 262 60



0 262 70



0 262 67 + 0 262 68

Pack	Cat.Nos	Draw-out version	Pack	Cat.Nos	Motor-driven handles
1	3P 4 225 86 4P 4 225 87 4 225 88 4 225 89 4 225 93 4 225 94	Draw-out base For DPX ³ 1600 already equipped with "Debro-lift" mechanism Cat.No 4 225 93 or 4 225 94 Front terminals Rear terminals "Debro-lift" mechanism For DPX ³ 1600 Used to transform a fixed version circuit breaker into the movable part of a withdrawable circuit breaker Fixing plate for connectors For fixing the sets of connectors Cat.Nos 0 098 19 and 0 263 99 on a DPX ³ plug-in or draw-out version Key-lock for "Debro-lift" mechanism Enable locking of DPX ³ in drawn-out position Flat key n°HBA90GPS6149 Star key n°ABA90GEL6149 One key for DPX ³ only Two key (one key supplied) for motorised DPX ³ or with rotary handle Accessories for "Debro-lift" mechanism Handle for drawing-out Signalling contact (plugged-in/drawn-out) Set of connectors (8 contacts) Set of connectors (6 contacts) Block of auxiliary contacts Block of 6 automatic auxiliary contacts for DPX ³ draw-out version (up to 2 blocks by DPX ³)	1	0 261 54	Factory assembled Front operated 230 V~ Customer assembled Front operated 24 V~/= for In ≤ 1250 A 48 V~/= for In ≤ 1250 A 110 V~/= for In ≤ 1250 A 230 V~/= for In ≤ 1250 A 24 V~/= for In = 1600 A 48 V~/= for In = 1600 A 110 V~/= for In = 1600 A 230 V~/= for In = 1600 A Locking accessories Key and flat key N° ABA90GEL6149 Key and star key N° HBA90GPS6149
1	4 225 95		1	0 261 24 0 261 25 0 261 26 0 261 23 0 261 19 0 261 28 0 261 29 0 261 27	
1	Flat key 0 265 76 Star key 0 263 48 0 265 80 0 265 79		1	0 261 59 0 261 58	
1	0 265 75 0 265 74 0 263 99 0 098 19		1	0 262 66	Accessories Insulated shields Used to isolate the connections between each pole Set of 3
1	4 222 30		1	0 262 64 4P 0 262 65	Sealable terminal shields Set of 2
1	0 264 10	Supply invertor type A supply invertor type is composed of one plate with interlock for 2 devices Plate for MCCBs or trip-free switch fixed version Plate for MCCBs or trip-free switch plug-in and draw-out version	1	0 262 60	Padlock For locking in "open" position
1	0 264 05		1	0 262 69	Cage terminals Set of 1 terminal for cables without lug 2 x 240 mm ² for rigid cable or 2 x 185 mm ² for flexible cable Set of 1 high-capacity terminal for cables without lug 4 x 240 mm ² for rigid cable 4 x 185 mm ² for flexible cable
1	0 262 61	Rotary handles Direct on DPX³ Standard (black)	1	0 262 70	Extended front terminals Set of 4 Short terminals for 630 - 1250 A (2 bars max. per pole) Long terminals for 1600 A (3 bars max. per pole)
1	0 262 83 0 262 84	Vari-depth handle IP 55 Comprising: connection rod, bracket, self-adhesive drilling template, mounting accessories and door lock mechanism Standard (black) For emergency use (red/yellow)	1	0 262 67 0 262 68	Spreaders Set of incoming or outgoing spreaders
1	0 262 93 0 262 94	Locking accessories Key barrel and flat key N° ABA90GEL6149 Key barrel and star key N° HBA90GPS6149	1	3P 0 262 73 4P 0 262 74	Rear terminals Used to convert the fixed version with front terminals to the fixed version with rear terminals Set of incoming or outgoing rear terminals Short terminals Long terminals
			1	0 263 80 4P 0 263 81 0 263 83	IP 20 terminal covers Set of 2 terminal covers
			1	4 225 90 4 225 91	External neutral External neutral



For the old range of accessories
 for DPX 1600 draw-out version
please consult us

DPX³ 630 and 1600

common auxiliaries



0 261 93

Pack	Cat.Nos	Auxiliary contact or fault signal
1	4 210 11	For signalling the state of the contacts or opening of the MCCB on a fault For DPX ³ /DPX ³ -I Changeover switch 3 A - 240 V~
Releases		
Allow remote tripping of a DPX ³		
Shunt releases		
1	4 222 39	For DPX ³ and DPX ³ -I Shunt inrush power 300 VA Coil voltage 24 V~ / =
1	4 222 40	Coil voltage 48 V~ / =
1	4 222 41	Coil voltage 110 V~ / =
1	4 222 42	Coil voltage 230 V~ / =
1	4 222 43	Coil voltage 400 V~ / =
Undervoltage releases		
1	4 222 44	For DPX ³ and DPX ³ -I Shunt inrush power 300 VA Coil voltage 24 V=
1	4 222 45	Coil voltage 24 V~
1	4 222 46	Coil voltage 48 V~ / =
1	4 222 47	Coil voltage 110 V~ / =
1	4 222 48	Coil voltage 230 V~ / =
1	4 222 49	Coil voltage 400 V~ / =
Time-lag undervoltage releases (800 ms)		
1	0 261 90	Allow remote tripping of the MCCB Prevent false tripping in the event of power supply microbreaks. Require a time-lag module connected to the undervoltage release Cat.No 4 226 23
1	0 261 91	Time-lag module 230 V~
1	4 226 23	Time-lag module 400 V~
Number of modules		
		3
		3
Undervoltage release for DPX ³ 630 and 1600		

	Cat.Nos	Automation control unit
1	0 261 93	Can control supply inversion between two circuit breakers, manage generator start / stop, control single-phase, two-phase and three-phase networks, control phase-phase voltages For DPX, DPX ³ and DMX ³ circuit breakers Power supply: 230 V~ or 12/24/48 V=
1	0 261 94	Standard unit Plug-in terminals Communicating unit, enabling data transmission (RS 485 port)

DPX³ 160, 250, 630 and 1600

power supervision system



0 261 78



0 261 56

Pack	Cat.Nos	Auxiliary power supply for DPX ³
1	4 210 83	For supplying DPX ³ electronic units when the circuit breaker is open or when the current passing through it is insufficient Input voltage 24 V~ / = 2 modules Output 250 mA: can supply several circuit breakers Consumption: - Thermal-magnetic DPX ³ with residual current protection: 42 mA - Electronic DPX ³ : 30 mA - Electronic DPX ³ with measurement: 54 mA - Electronic DPX ³ with residual current protection: 54 mA - Electronic DPX ³ with residual current protection and measurement: 54 mA
RS485 Modbus communication interface		
DPX³ electronic interface		
1	4 210 75	For connecting thermal-magnetic DPX ³ with residual current protection and electronic DPX ³ to an RS485 Modbus communication network All the information managed by the circuit breaker's electronic card will be shared on the Modbus network Dimension: 2 modules Power supply: 24 V~ / = RS 485 link (2-wire) Address, speed and coding can be modified with configurator kit
1	0 035 67	Modular power supply 230 V~ - 27 V= - 0.6 A 2 modules
Communication and supervision		
Web servers		
1	0 261 78	Enable remote viewing, via a web browser on PCs, smartphones, web viewers, tablet computers such as iPads, Archos, etc., of values collected on electricity meters and multi-function measuring units
1	0 261 79	For 32 metering points (meters or multi-function measuring units) For an unlimited number of metering points (meters or multi-function measuring units)
Legrand Software		
1	0 261 88	For displaying the values collected from electricity meters or multi-function measuring units on a PC connected to the network
1	0 261 89	For 32 metering points (supplied on CD) For an unlimited number of metering points (supplied on CD)
Panel board display		
1	0 261 56	Allows to check information coming from different protection devices: DX ³ -HP, DPX ³ , DMX ³ or EMDX ³ Can manage up to 8 devices Power supply: 18-30 V=
		For mounting on door or solid faceplate Door cut: 96 x 96 mm

Residual current relay and coils



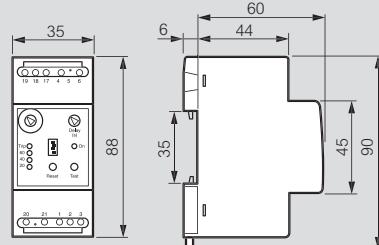
Add residual current protection to DPX trip-free switches and DPX MCCBs equipped with release

Pack	Cat.Nos	Residual current relay	Number of modules
1	0 260 88	<p>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</p> <ul style="list-style-type: none"> • Comprises: <ul style="list-style-type: none"> - a tinted, sealable window - an auxiliary contact - a green Led indicating energisation - 3 yellow Leds indicating respectively the max. phase earth insulation current: 20, 40 and 60 % - a red Led indicating <p>Fixed: exceeding of the insulation fault current value Flashing: breaking of one of the connections between coils and relays</p> <ul style="list-style-type: none"> • For use with coils: - Ø35 and 80 mm <p>Adjustable sensitivity: 0.03, 0.05, 0.075, 0.1, 0.15, 0.2, 0.3, 0.5, 0.75, 1, 1.5, 2, 3, 5, 7.5, 10, 15, 20, 30 A</p> <ul style="list-style-type: none"> - Ø110 to 210 mm <p>Adjustable sensitivity: 0.3, 0.5, 0.75, 1, 1.5, 2, 3, 5, 7.5, 10, 15, 20, 30 A</p> <ul style="list-style-type: none"> - Ø150 mm <p>Adjustable sensitivity: 0.5, 0.75, 1, 1.5, 2, 3, 5, 7.5, 10, 15, 20, 30 A</p> <ul style="list-style-type: none"> - Ø300 mm <p>Adjustable sensitivity: 1, 1.5, 2, 3, 5, 7.5, 10, 15, 20, 30 A</p> <ul style="list-style-type: none"> • Adjustable trip: 0, 0.15, 0.25, 0.5, 1, 2.5, 5 seconds • Supply voltage: 230/240 V - 50/60 Hz 	2
	0 260 92 0 260 93 0 260 94 0 260 95 0 260 96 0 260 97 0 260 98	Coils For use with residual current relay Cat.No 0 260 88 1 coil per DPX	

Residual current relay and coils

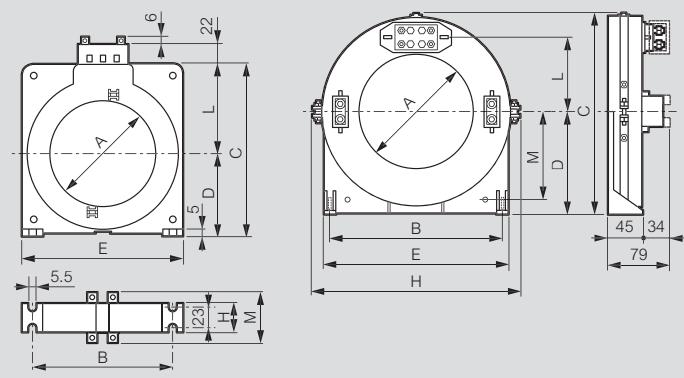
Residual current relay

Cat.No 0 260 88



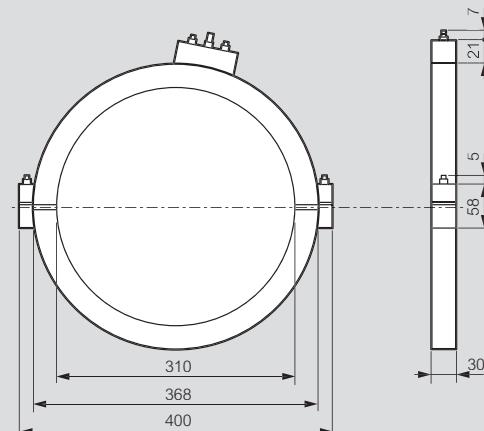
Coils

Cat.Nos 0 260 92/93/94/95/96 Cat.No 0 260 97



Cat.Nos	A	B	C	D	E	H	L	M
0 260 92	35	75	85	42	92	36	43	56
0 260 93	80	108	132	67	125	36	65	56
0 260 94	110	148	170	86	165	36	84	56
0 260 95	140	177	206	104	200	36	102	56
0 260 96	210	270	295	150	290	44	145	64
0 260 97	150	225	259	133	245	275	95	113

Cat.No 0 260 98



DPX³-I trip-free switches

160 to 1600 A



4 202 99

Dimensions p. 53-57

Trip-free switches for on-load circuit breaking and isolation of low voltage electrical circuits

Can be associated to earth leakage modules or to corresponding DPX³ residual current relays

Mount on rail up to DPX³ 250 with plate Cat.No 4 210 72 (DPX³-I 160) and Cat.No 4 210 71 (DPX³ 250)

Conform to IEC 60947-3

Category of use AC 23 A

Connection identical to corresponding DPX³

Pack	Cat.Nos		DPX ³ -I 160
1	3P 4 201 98	4P 4 201 99	In (A) 160
	4P with earth leakage module		
1	4 201 97		160
DPX³-I 250			
1	3P 4 202 99	4P 4 203 00	In (A) 250
	4P with earth leakage module		
1	4 202 98		250
DPX³-I 630			
1	3P 4 222 16	4P 4 222 18	In (A) 400
1	4 222 17	4 222 19	630
DPX³-I 1600			
1	3P 4 224 90	4P 4 224 94	In (A) 630
1	4 224 91	4 224 95	800
1	4 224 92	4 224 96	1250
1	4 224 93	4 224 97	1600

DPX³-I trip-free switches

160 to 1600 A

Electrical characteristics

	DPX ³ -I 160	DPX ³ -I 250	DPX ³ -I 630	DPX ³ -I 1600
Rated operating voltage Ue (V) direct	690 ⁽¹⁾	690 ⁽¹⁾	690	690
Rated insulation voltage Ui (V _~)	800	800	690	690
Rated impulse withstand voltage Uimp (kV)	8	8	8	8
Rated closing capacity on 400 V short circuit Icm (kA)	3	3	6.5 ⁽³⁾ / 13 ⁽⁴⁾	40
Short-time resistive current t = 1 s Icw (kA)	1.7	1.7	4 ⁽³⁾ / 7.6 ⁽⁴⁾	10 ⁽⁵⁾ / 15 ⁽⁶⁾ / 20 ⁽⁷⁾
Endurance (o.c. cycle)	mechanical electrical	25000 8000	25000 8000	15000 5000
Conventional thermal current (A)		160	250	630
Nominal current of use (A) AC 23 A (690 V _~)		160 (160 V)	250 (250 V)	630
DC 23 A (250 V _~)		160	160	630
				-

1: 500 V for DPX³-I with earth leakage module

2: Up to 1250 A

3: In = 400 A

4: In = 630 A

5: In = 800 A

6: In = 1250 A

7: In = 1600 A

Dimensions

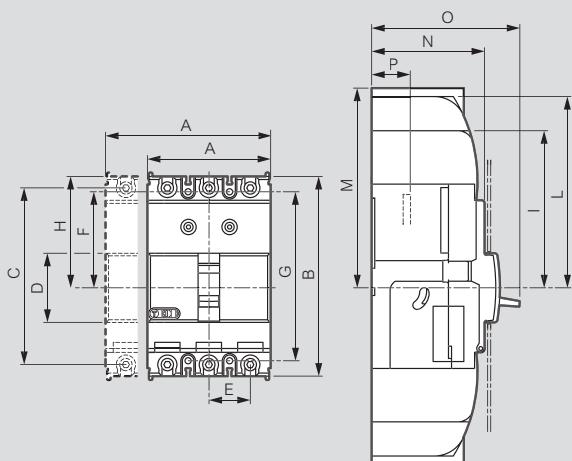
Dimensions of DPX³-I identical to corresponding DPX³

DPX ³ -I	Dimensions
DPX ³ -I 160	DPX ³ 160 (p. 53)
DPX ³ -I 250	DPX ³ 250 (p. 54)
DPX ³ -I 630	DPX ³ 630 (p. 56)
DPX ³ -I 1600	DPX ³ 1600 (p. 57)

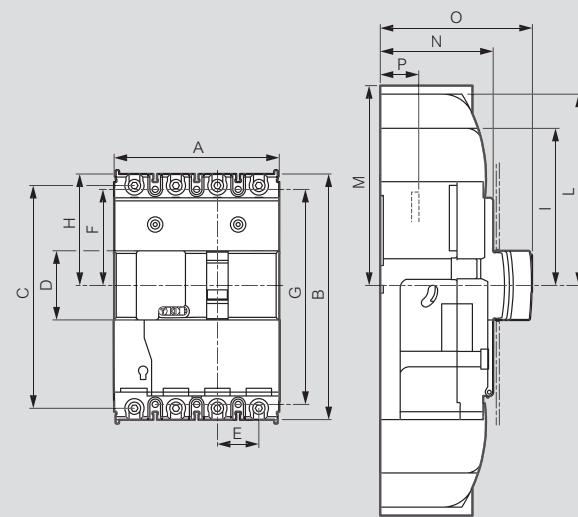
DPX³ 160 thermal magnetic

Dimensions

Fixed version

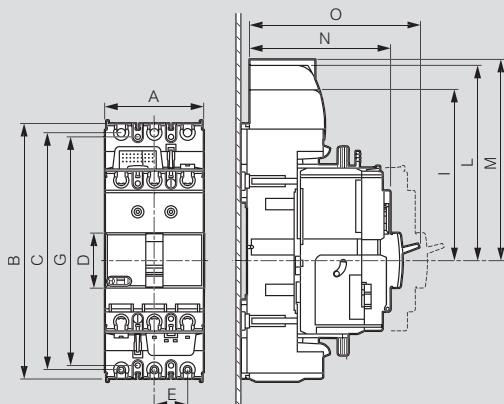


Fixed version with earth leakage module

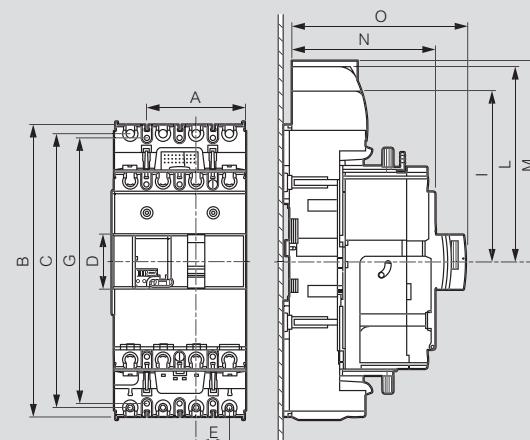


	A	B	C	D	E	F	G	H	I	L	M	N	O	P
3P	81	130	115	45	27	62,5	110	72,5	102,5	125	-	74	100	18
4P	108	130	115	45	27	62,5	110	72,5	102,5	125	-	74	100	18
e.l.c.b.s	108	160	145	45	27	62,5	140	72,5	102,5	125	-	74	100	18

Plug-in version



Plug-in version with earth leakage module

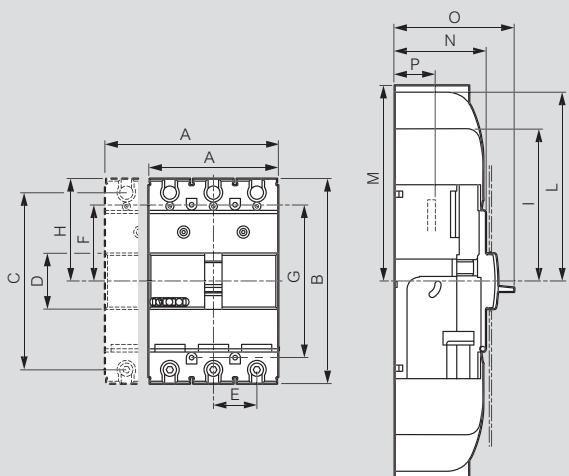


	A	B	C	D	E	F	G	H	I	L	M	N	O	P
3P	81	208	193	45	27	100,5	186	111,5	141,5	164	-	122	148	-
4P	108	238	223	45	27	100,5	216	111,5	141,5	164	-	122	148	-
e.l.c.b.s	108	230	223	45	27	100,5	216	111,5	141,5	164	-	122	148	-

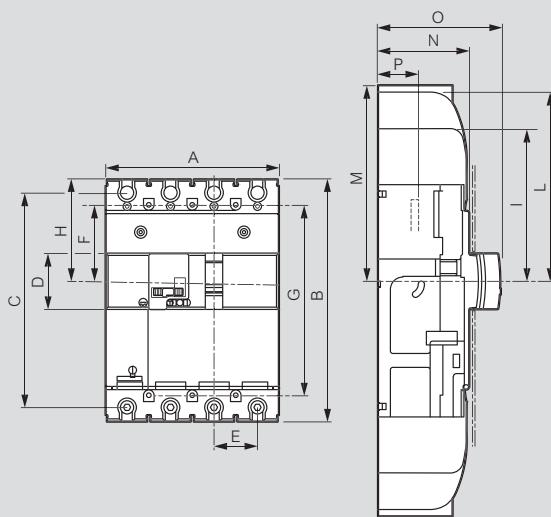
DPX³ 250 thermal magnetic and electronic release

Dimensions

Fixed version

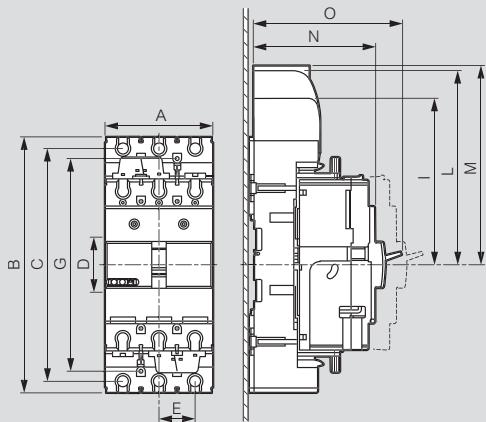


Fixed version with earth leakage module

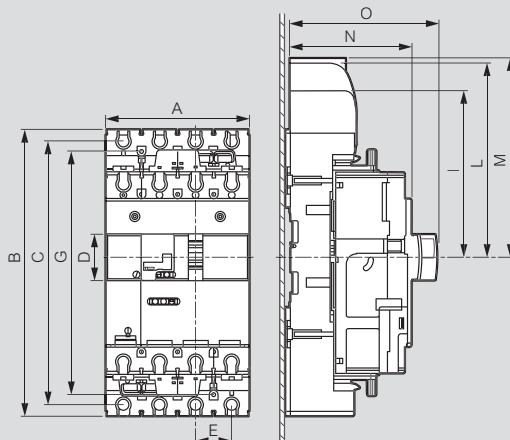


	A	B	C	D	E	F	G	H	I	L	M	N	O	P
3P	105	165	142,5	45	35	61,5	123	82,5	112,5	150	-	74	100	18
4P	140	165	142,5	45	35	61,5	123	82,5	112,5	150	-	74	100	18
e.l.c.b.s	140	195	172,5	45	35	61,5	153	82,5	112,5	150	-	74	100	18

Plug-in version



Plug-in version with earth leakage module

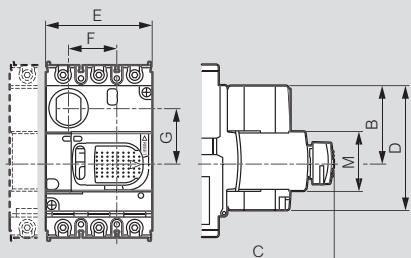


	A	B	C	D	E	F	G	H	I	L	M	N	P
3P	105	248	225,5	45	35	103	206	150	180	217,5	-	122	148
4P	140	278	225,5	45	35	103	236	150	180	217,5	-	122	148
e.l.c.b.s	140	278	225,5	45	35	103	236	150	180	217,5	-	122	148

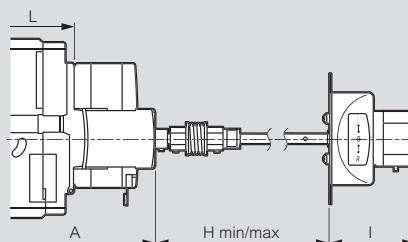
DPX³ 160/250 accessories

Dimensions

Direct rotary handles Cat.Nos 4 210 00/01/02/03

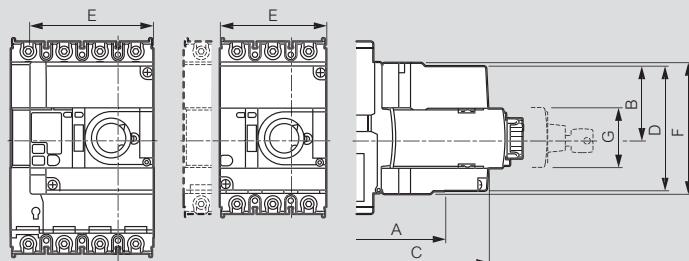


Vari-depth rotary handles Cat.Nos 4 210 04/05



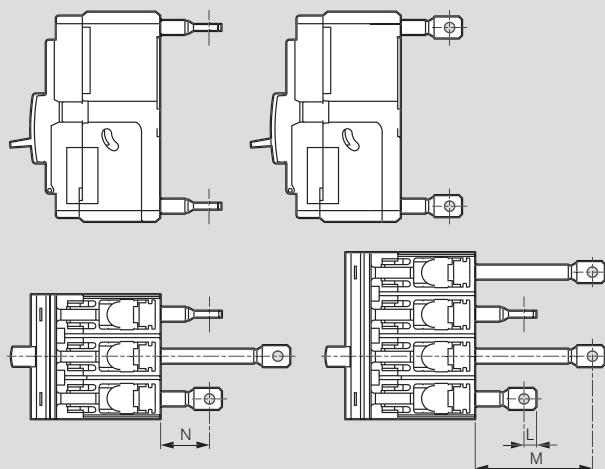
	A	B	C	D	E	F	G	H min	H max	I	L	M
160	122	57	155	94	80.5	36.5	41.7	132	361	62	74	45
160 with e.l.c.bs	122	57	155	94	93	36.5	41.7	132	361	62	74	45
250	122	57	155	94	80.5	40.5	41.7	132	361	62	74	45
250 with e.l.c.bs	122	57	155	94	93	40.5	41.7	132	361	62	74	45
250 electronic release	122	57	155	94	93	40.5	41.7	132	361	62	74	45
250 electronic release with e.l.c.bs	122	57	155	94	93	40.5	41.7	132	361	62	74	45

Front motor-driven handle Cat.No 4 210 61

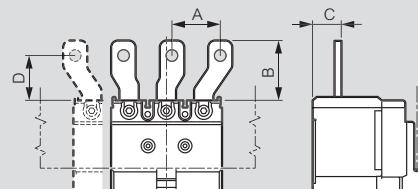


	A	B	C	D	E	F	G	H
160	125	54.5	154	94	80.5	99	45	74
160 with e.l.c.bs	125	54.5	154	94	93	99	45	74
250	125	54.5	154	94	80.5	99	45	74
250 with e.l.c.bs	125	54.5	154	94	93	99	45	74
250 electronic release	125	54.5	154	94	93	99	45	74
250 electronic release with e.l.c.bs	125	54.5	154	94	93	99	45	74

Rear terminals Cat.Nos 4 210 36/37/38/39



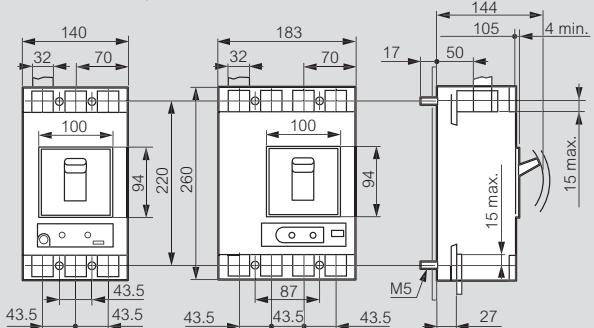
Incoming spreaders Cat.Nos 4 210 32/33/34/35



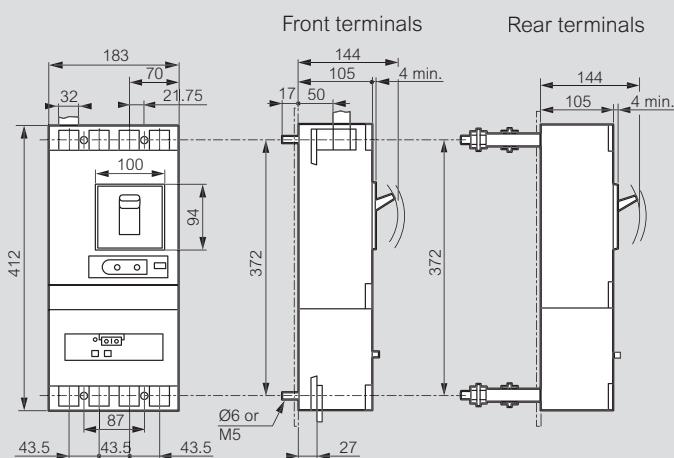
	A	B	C	D
160	35	41	23	33
160 with e.l.c.bs	35	41	23	33
250	48.5	55	23	39
250 with e.l.c.bs	48.5	55	23	39

Dimensions

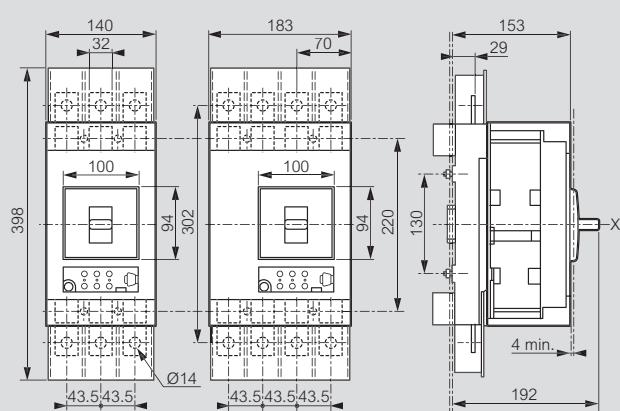
Fixed version, front terminals



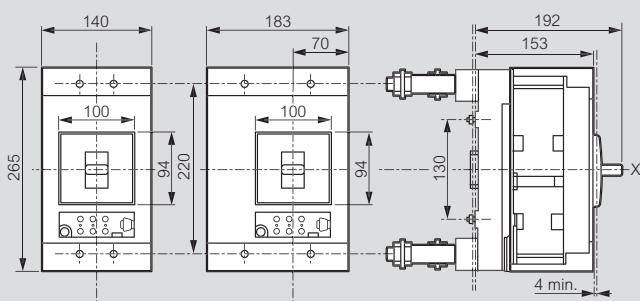
Fixed version with earth leakage module mounted underneath



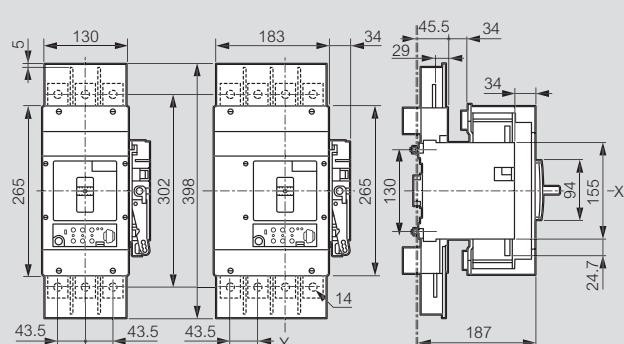
Plug-in version, front terminals



Plug-in version, rear terminals

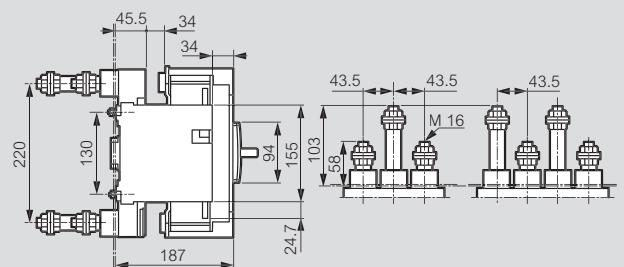


Draw-out version, front terminals

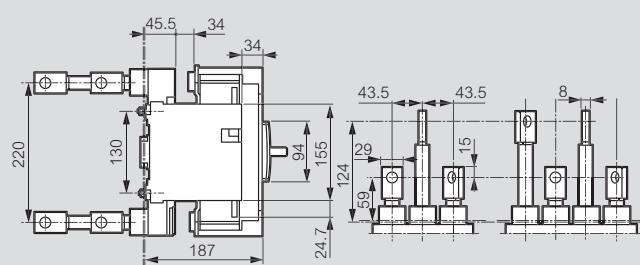


Draw-out version, rear terminals

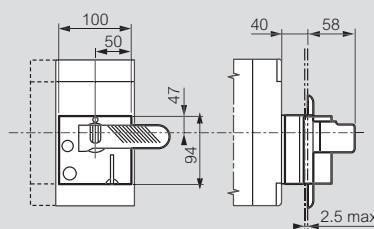
Rear terminal with threaded rod



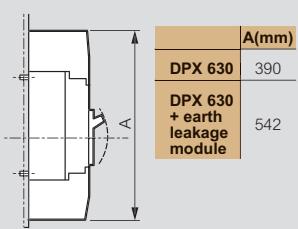
Flat rear terminal



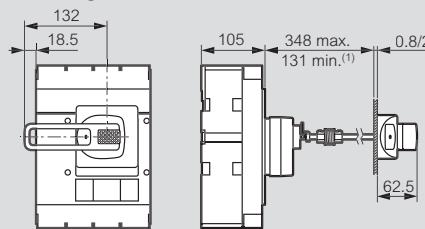
Rotary handle-direct on DPX³



Terminal shields



Rotary handle-vari-depth handle on door

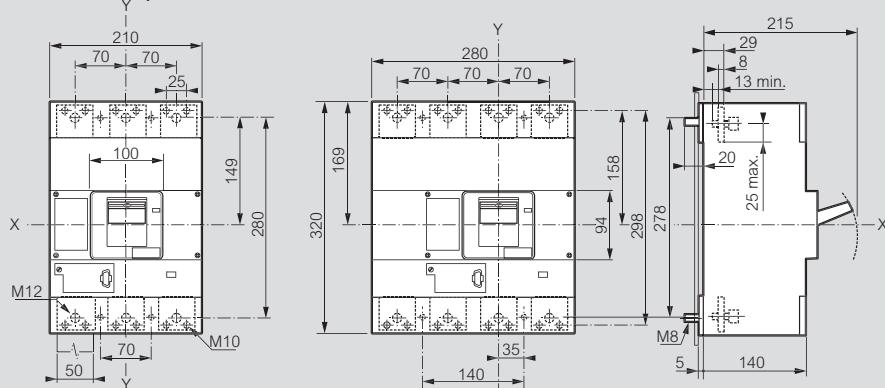


1: 75 mm without mechanical system

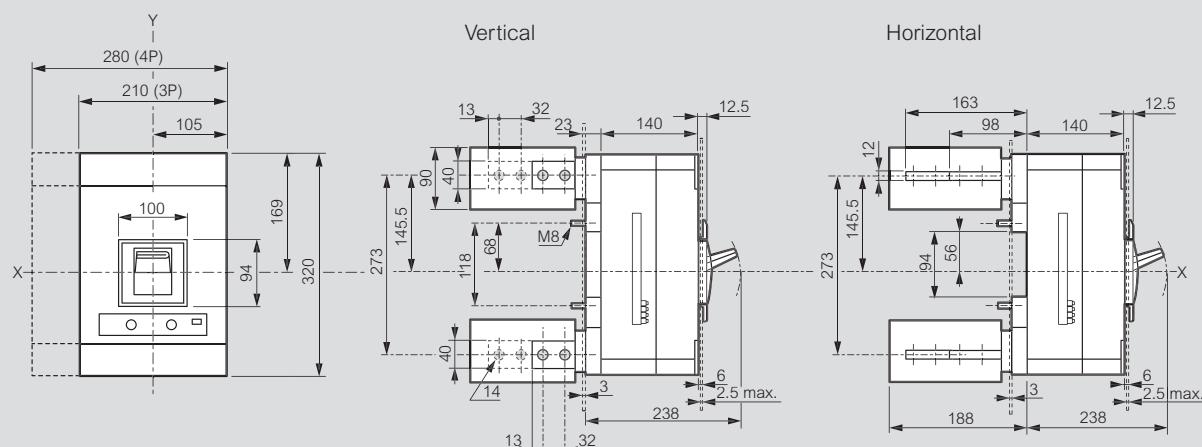
DPX³ 1600

Dimensions

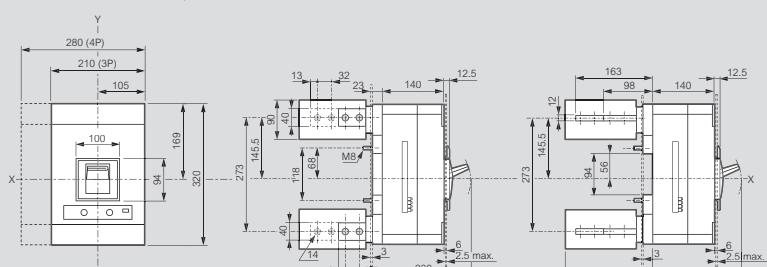
Fixed version, front terminals



Fixed version, rear terminals

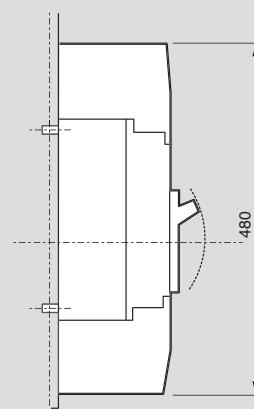


Draw-out version, rear terminals

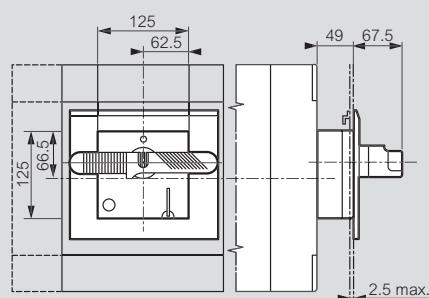


Horizontal

Terminal shields

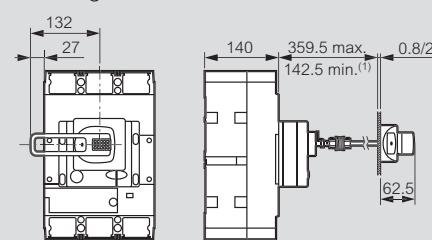


Rotary handle-direct on DPX³



Rotary handle-vari-depth handle on door

Mounting with flexible seal



1: 75 mm without mechanical system

Technical characteristics (at 40°)

MCCBs	DPX ³ 160 thermal magnetic				DPX ³ 160 with electronic earth leakage module			
	16 kA	25 kA	36 kA	50 kA	16 kA	25 kA	36 kA	50 kA
Nominal current In (A)	16-25-40-63-80-100-125-160				16-25-40-63-80-100-125-160			
Rated insulation voltage (V)	50-60Hz				800			
Rated operational voltage (V)	50-60Hz				690			
Rated impulse withstand current Uimp (kV)	Continuous				500			
Category of use	8				8			
	A				A			
Ultimate breaking capacity (kA) in AC	220/240 V~	25	35	50	65	25	35	50
	380/415 V~	16	25	36	50	16	25	36
	440 V~	10	18	25	30	10	18	25
	480/500 V~	8	10	12	15	8	10	12
	690 V~	5	5	8	10	5	5	8
Ultimate breaking capacity (kA) in DC	125 V _{dc} ⁽¹⁾	32	50	60	80	32	50	60
	250 V _{dc} ⁽¹⁾	16	25	30	40	16	25	30
	400 V _{dc} ⁽²⁾	16	25	30	40	16	25	30
	500 V _{dc} ⁽²⁾	10	20	25	35	10	20	25
Standard breaking capacity Ics (% Icu)	100	100	100	100	100	100	100	100
Short-circuit making capacity Icm (kA)	415 V~	32	52,5	75,6	105	32	52,5	75,6
	220/240 V~	6,25	8,75	12,5	16,3	6,25	8,75	12,5
Breaking capacity on 1 pole Isu (kA)	380/415 V~	4	6,25	9	12,5	4	6,25	9
For IT neutral earthing system	440 V~	2,5	4,5	6,25	7,5	2,5	4,5	6,25
	480/500 V~	2	2,5	3	3,75	2	2,5	3
	690 V~	1,25	1,25	2	2,5	1,25	1,25	2,5

MCCBs	DPX ³ 250 thermal magnetic				DPX ³ 250 electronic release			
	25 kA	36 kA	50 kA	70 kA	25 kA	36 kA	50 kA	70 kA
Nominal current In (A)	100-160-200-250				40-100-160-250			
Rated insulation voltage (V)	50-60Hz				800 (with integrated e.l.c.bs: 500)			
Rated operational voltage (V)	50-60Hz				690 (with integrated e.l.c.bs: 500)			
Rated impulse withstand current Uimp (kV)	Continuous				500			
Category of use	8				8			
	A				A			
Ultimate breaking capacity (kA) in AC	220/240 V~	40	60	80	100	40	60	80
	380/415 V~	25	36	50	70	25	36	50
	440 V~	20	30	40	60	20	30	40
	480/500 V~	10	25	30	40	10	25	30
	690 V~	8	16	18	20	8	16	-
Ultimate breaking capacity (kA) in DC	125 V _{dc} ⁽¹⁾	50	72	80	90	50	72	80
	250 V _{dc} ⁽¹⁾	25	36	40	45	25	36	40
	400 V _{dc} ⁽²⁾	30	45	50	55	30	45	50
	500 V _{dc} ⁽²⁾	25	36	40	45	25	36	40
Standard breaking capacity Ics (% Icu)	100	100	100	100	100	100	100	100
	220/240 V~	10	15	20	25	15	15	20
Breaking capacity on 1 pole Isu (kA)	380/415 V~	6,25	9	12,5	17,5	6,25	9	12,5
For IT neutral earthing system	440 V~	5	7,5	10	15	5	7,5	10
	480/500 V~	2,5	6,25	7,5	10	2,5	6,25	7,5
	690 V~	2	4	4,5	5	-	-	-

Temperature derating

DPX³ 160

In (A)	Temperature (°C)											
	-25	-20	-10	-5	0	10	20	30	40	50	60	70
16	23	22	21	21	20	19	18	17	16	15	15	14
25	37	35	34	33	32	30	28	26	25	23	22	21
40	55	54	52	51	50	47	43	42	40	38	36	34
63	88	87	84	83	81	76	69	66	63	60	57	55
80	115	113	111	109	107	97	87	84	80	78	75	72
100	135	133	130	123	115	108	100	100	95	90	85	
125	160	158	155	153	150	138	125	125	118	112	105	
160	224	221	214	210	205	192	176	168	160	152	145	139

DPX³ 250

In (A)	Temperature (°C)											
	-25	-20	-10	-5	0	10	20	30	40	50	60	70
40	54	53	51	50	49	48	45	41	40	38	36	34
100	135	132	128	126	123	120	112	102	100	94	90	84
160	216	211	205	201	197	192	179	163	160	151	143	134
200	270	264	256	251	246	240	224	203	200	189	179	168
250	338	330	320	314	308	300	280	254	250	236	224	210

Derating at different altitudes

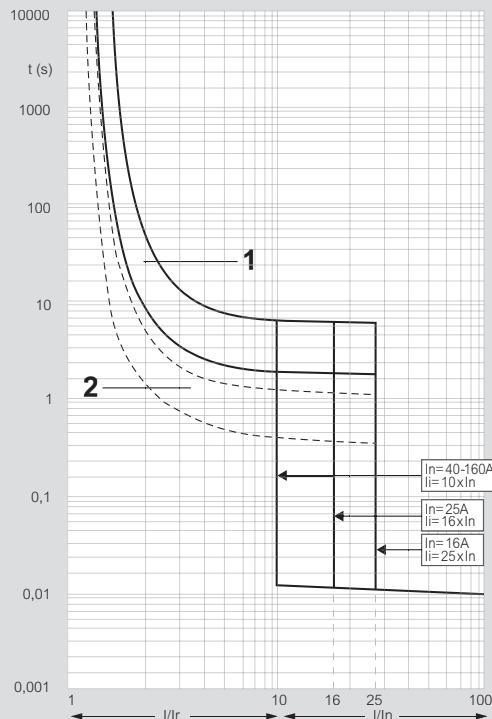
Altitude (m)	2000			3000			4000		
	Rated current (A)	1 x In	0,96 x In	0,93 x In	Rated voltage (V)	DPX ³ no e.l.c.bs	DPX ³ with e.l.c.bs	500	690

1: 2 poles in series

2: 3 poles in series

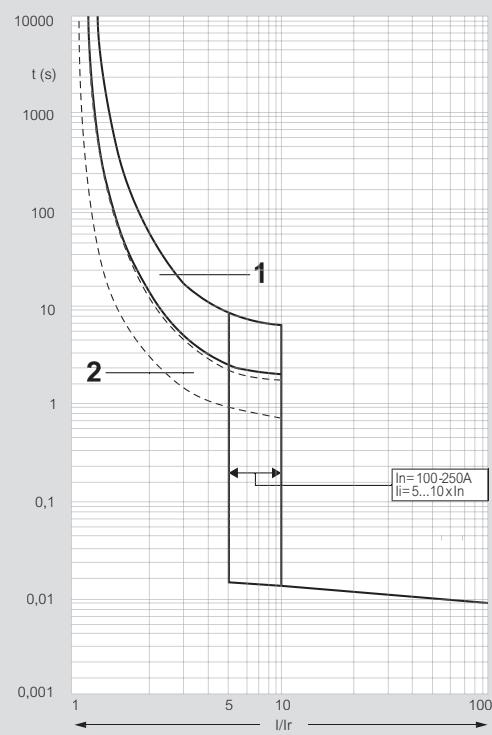
DPX³ 160/250

DPX³ 160 thermal-magnetic Tripping curve



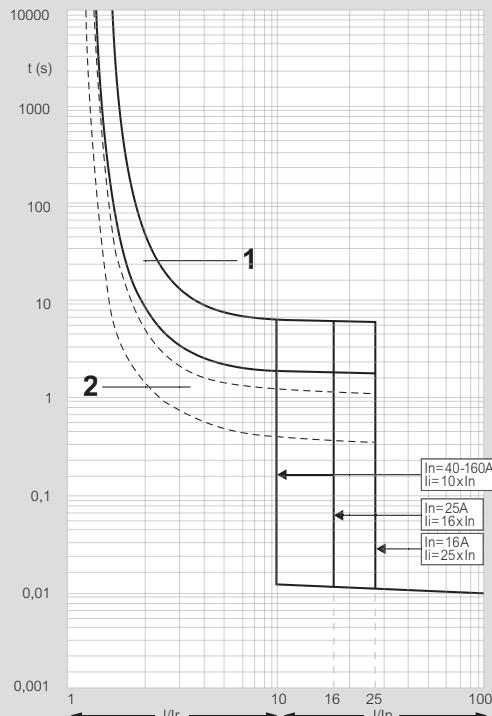
t: time
I: rated current
I_r: setting current
Curve n°1: characteristic with cold start
Curve n°2: characteristic with hot start

DPX³ 250 thermal-magnetic Tripping curves



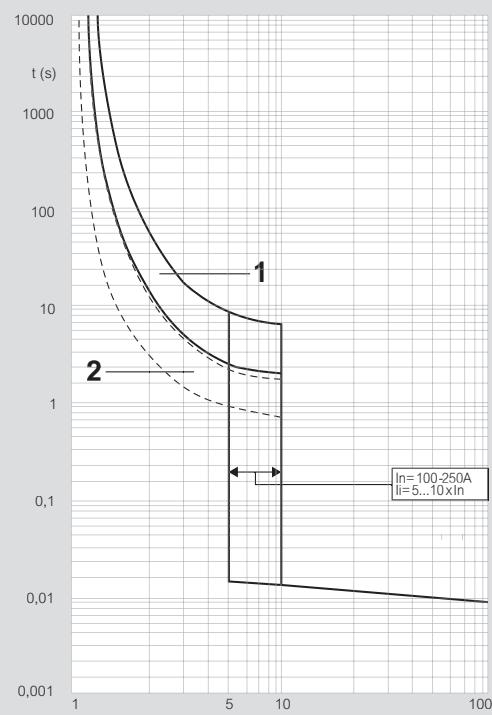
t: time
I: rated current
I_r: setting current
Curve n°1: characteristic with cold start
Curve n°2: characteristic with hot start

DPX³ 160 thermal-magnetic with integrated e.l.c.bs Tripping curves



t: time
I: rated current
I_r: setting current
Curve n°1: characteristic with cold start
Curve n°2: characteristic with hot start

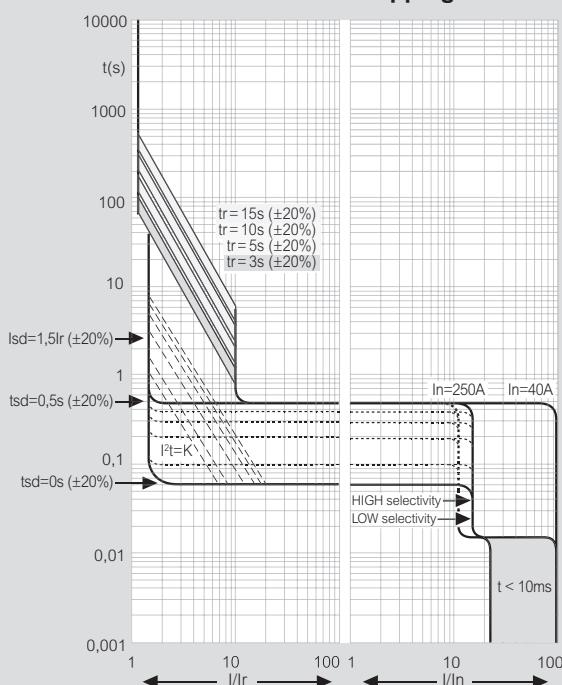
DPX³ 250 thermal-magnetic with integrated e.l.c.bs



t: time
I: rated current
I_r: setting current

DPX³ 160/250 (continued)

■ DPX³ 250 electronic release Tripping curves



■ Adjustment for thermal-magnetic DPX³

Setting	DPX ³ thermal magnetic	DPX ³ with integrated e.l.c.b.s
Ir overload trip threshold (thermal)	0.4 to 1 In	0.4 to 1 In
Im short-circuit trip threshold (magnetic)	fixed: 10 In ⁽¹⁾	fixed: 10 In ⁽¹⁾
$I_{\Delta n}$ (A)	-	0.03 - 0.03 - 1 - 3
Δt (s)	-	0 - 0.3 - 1 - 3

1: 400 A for DPX³ 160 In 16 A and 25 A

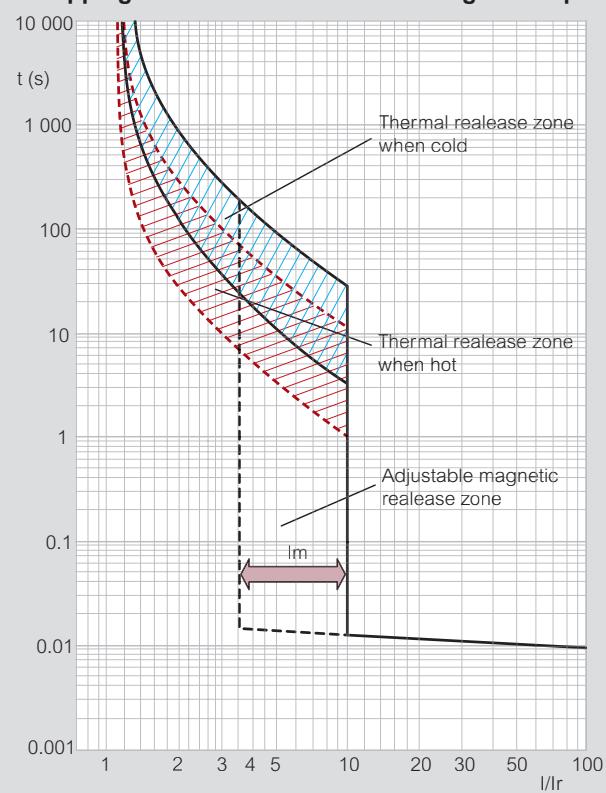
■ Adjustment for DPX³ electronic release

Setting	DPX ³	DPX ³ with integrated e.l.c.b.s
Ir overload trip threshold (long delay)	0.4 to 1 In	
tr long delay trip time	3 - 5 - 10 - 15s	
Isd short-circuit trip threshold (short delay)	1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 x Ir	
tsd short delay trip time	0.01 - 0.1 - 0.2 - 0.3 - 0.4 - 0.5s	
tg	(0.2 - 0.3 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 1 - OFF) x In	
tg	0.1 - 0.2 - 0.5 - 1s	

DPX³ 630/1600

reading DPX³ characteristic curves and adjustment ranges

■ Tripping curve for a DPX³ thermal-magnetic trip



I: actual current

Ir: thermal protection against overloads (setting: $Ir = x In$)

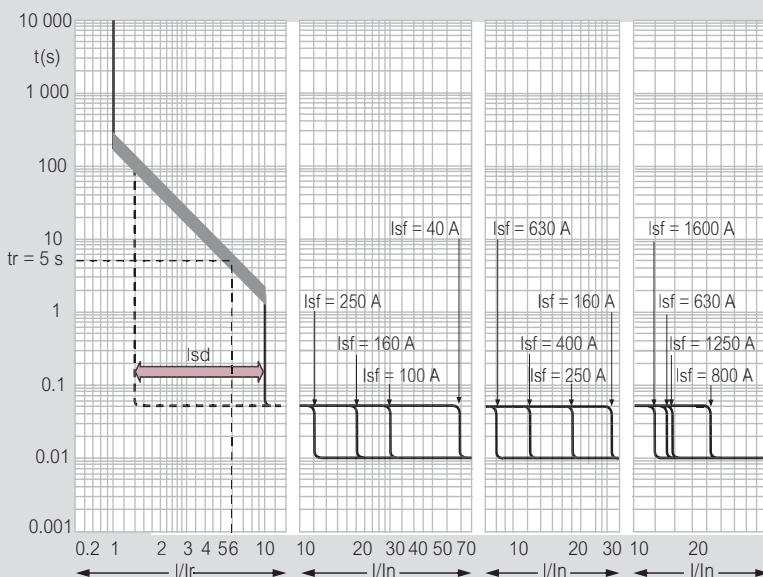
Im: magnetic protection against short-circuits (setting: $Im = x In$ or $Im = x Ir$)

As the abscissa of the curves represents the ratio I/I_r , modifying the setting of Ir will not change the graphical representation of the thermal trip. However, the magnetic setting can be read directly (between 3.5 and 10 in the example).

DPX³ 630/1600

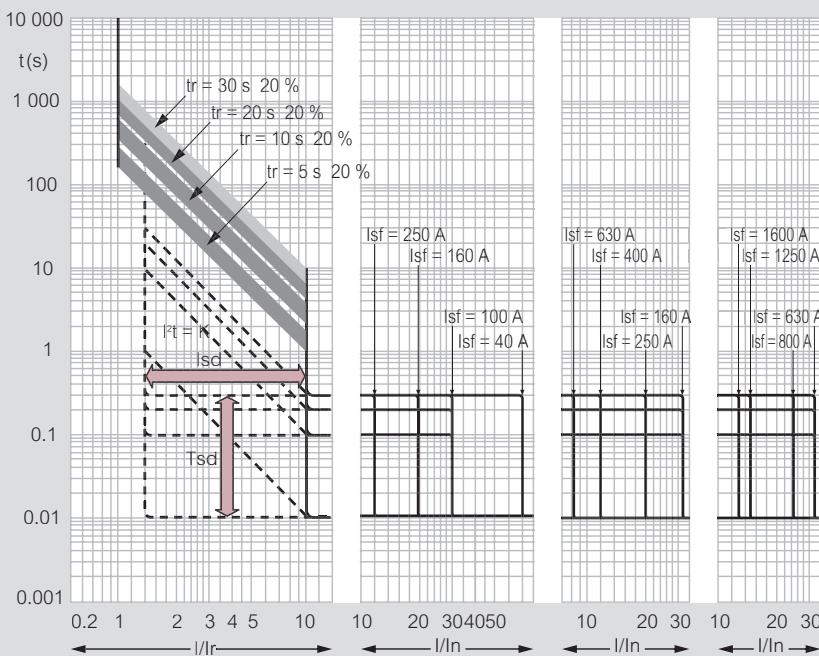
reading DPX³ characteristic curves and adjustment ranges

Tripping curve for a DPX³ electronic release S1, adjustable Ir and lsd



I: actual current
 Ir: long delay protection against overloads (setting: $Ir = x \ln$)
 lsd: long delay protection operation time (fixed value: 5 s at 6 Ir)
 lsd: short delay protection against short-circuits (setting: $Im = x Ir$, between 1.5 and 10 Ir
 in the example)
 tsd: short delay protection operation time (fixed value: 0.05 s)
 If: fixed threshold instantaneous protection (4 to 20 kA depending on model)

Tripping curve for a DPX³ electronic release S2, adjustable Ir, lsd, tr and tsd



I: actual current
 Ir: long delay protection against overloads (setting: $Ir = x \ln$)
 tr: long delay protection operation time (fixed value: 5 to 30 s)
 lsd: short delay protection against short-circuits (setting: $Im = x Ir$, between 1.5 and 10 Ir in the example)
 tsd: short delay protection operation time (setting: 0 to 0.3 s)
 l'st constant (adjustable via tsd)
 If: fixed threshold instantaneous protection (4 to 20 kA depending on model)

Adjustment for thermal-magnetic DPX³

Setting	DPX ³ 630	DPX ³ 1600
Ir overload trip threshold (thermal)	0.8 to 1 ln	0.8 to 1 ln
Im short-circuit trip threshold (magnetic)	5 to 10 ln	5 to 10 ln

Adjustment for DPX³ electronic release

Setting	DPX ³ 630 / 1600 S1	DPX ³ 630 / 1600 S2
Ir overload trip threshold (long delay)	$(0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 0.9 - 0.95 - 1) \times \ln$	
tr long delay trip time	fixed: 5 s (to 6 Ir)	5 - 10 - 20 - 30 s (to 6 Ir)
lsd short-circuit trip threshold (short delay)		$(1.5 - 2 - 3 - 4 - 5 - 6 - 8 - 10) \times \ln^{(1)}$
tsd Short delay trip time	fixed: 0.05 s	0 - 0.1 - 0.2 - 0.3 s

1: 7.9 Ir for DPX³ 630 ln 630 A

Selectivity table DMX³ / DPX³

Limits of selectivity (average values kA at 400 V \sim)

T = total selectivity, up to downstream circuit breaker breaking capacity, according to IEC 60947-2 ; (1) Except with DMX³ - N 2500 50 kA upstream : selectivity limit = 50 kA

Selectivity table thermal-magnetic release DPX³ / DPX³

Limits of selectivity (average values kA at 400 V~)

Downstream MCCB	In (A)	Upstream MCCB																					
		DPX ³ 160 16, 25, 36, 50 kA with or without e.l.c.bs								DPX ³ 250 25, 36, 50, 70 kA with or without e.l.c.bs					DPX ³ 630 36, 50, 70, 100 kA with or without e.l.c.bs								
		16	25	40	63	80	100	125	160	100	160	200	250	250	320	400	500	630	800	1000	1250		
DPX ³ 160 16, 25 kA with or without e.l.c.bs	16	-	-	-	0.63	0.8	1	1.25	1.6	1	1.6	2	2.5	2.5	3.2	4	5	6.3	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	
	25	-	-	-	0.63	0.8	1	1.25	1.6	1	1.6	2	2.5	2.5	3.2	4	5	6.3	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	
	40	-	-	-	0.63	0.8	1	1.25	1.6	1	1.6	2	2.5	2.5	3.2	4	5	6.3	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	
	63	-	-	-	-	0.8	1	1.25	1.6	-	-	-	-	2.5	3.2	4	5	6.3	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	
	80	-	-	-	-	-	1	1.25	1.6	-	-	-	-	2.5	3.2	4	5	6.3	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	
	100	-	-	-	-	-	-	1.25	1.6	-	-	-	-	2.5	3.2	4	5	6.3	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	
	125	-	-	-	-	-	-	-	1.6	-	-	-	-	2.5	3.2	4	5	6.3	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	
	160	-	-	-	-	-	-	-	-	-	-	-	2	2.5	2.5	3.2	4	5	6.3	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾	T ⁽¹⁾
DPX ³ 160 36 kA with or without e.l.c.bs	16	-	-	-	0.63	0.8	1	1.25	1.6	1	1.6	2	2.5	2.5	3.2	4	5	6.3	16	16	16	16	
	25	-	-	-	0.63	0.8	1	1.25	1.6	1	1.6	2	2.5	2.5	3.2	4	5	6.3	16	16	16	16	
	40	-	-	-	0.63	0.8	1	1.25	1.6	1	1.6	2	2.5	2.5	3.2	4	5	6.3	16	16	16	16	
	63	-	-	-	-	0.8	1	1.25	1.6	-	-	-	-	2.5	3.2	4	5	6.3	16	16	16	16	
	80	-	-	-	-	-	1	1.25	1.6	-	-	-	-	2.5	3.2	4	5	6.3	16	16	16	16	
	100	-	-	-	-	-	-	1.25	1.6	-	-	-	-	2.5	3.2	4	5	6.3	16	16	16	16	
	125	-	-	-	-	-	-	-	1.6	-	-	-	-	2.5	3.2	4	5	6.3	16	16	16	16	
	160	-	-	-	-	-	-	-	-	-	-	-	2	2.5	2.5	3.2	4	5	6.3	16	16	16	16
DPX ³ 160 50 kA with or without e.l.c.bs	16	-	-	-	0.63	0.8	1	1.25	1.6	-	-	-	-	2.5	3.2	4	5	6.3	16	16	16	16	
	25	-	-	-	0.63	0.8	1	1.25	1.6	-	-	-	-	2.5	3.2	4	5	6.3	16	16	16	16	
	40	-	-	-	0.63	0.8	1	1.25	1.6	-	-	-	-	2.5	3.2	4	5	6.3	16	16	16	16	
	63	-	-	-	-	0.8	1	1.25	1.6	-	-	-	-	2.5	3.2	4	5	6.3	16	16	16	16	
	80	-	-	-	-	-	1	1.25	1.6	-	-	-	-	2.5	3.2	4	5	6.3	16	16	16	16	
	100	-	-	-	-	-	-	1.25	1.6	-	-	-	-	2.5	3.2	4	5	6.3	16	16	16	16	
	125	-	-	-	-	-	-	-	1.6	-	-	-	-	2.5	3.2	4	5	6.3	16	16	16	16	
	160	-	-	-	-	-	-	-	-	-	-	-	-	2.5	3.2	4	5	6.3	16	16	16	16	
DPX ³ 250 thermal-magnetic 25, 36, 50, 70 kA with or without e.l.c.bs	100	-	-	-	-	-	-	1.25	1.6	-	1.6	2	2.5	2.5	3.2	4	5	6.3	16	16	16	16	
	160	-	-	-	-	-	-	-	-	-	-	2	2.5	2.5	3.2	4	5	6.3	16	16	16	16	
	200	-	-	-	-	-	-	-	-	-	-	-	2.5	2.5	3.2	4	5	6.3	16	16	16	16	
	250	-	-	-	-	-	-	-	-	-	-	-	-	-	3.2	4	5	6.3	16	16	16	16	
DPX ³ 250 electronic release ⁽¹⁾ 25, 36, 50, 70 kA with or without e.l.c.bs	40	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	3.2	4	5	6.3	-	-	-	-
	100	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	3.2	4	5	6.3	-	-	-	-
	160	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	3.2	4	5	6.3	-	-	-	-
	200	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	3.2	4	5	6.3	-	-	-	-
	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.2	4	5	6.3	-	-	-	-
DPX ³ 250 electronic release ⁽²⁾ 25, 36, 50, 70 kA with or without e.l.c.bs	40	-	-	-	0.63	0.8	1	1.25	1.6	1	1.6	2	2.5	2.5	3.2	4	5	6.3	16	16	16	16	
	100	-	-	-	-	-	-	1.25	1.6	-	1.6	2	2.5	2.5	3.2	4	5	6.3	16	16	16	16	
	160	-	-	-	-	-	-	-	-	-	2	2.5	2.5	3.2	4	5	6.3	16	16	16	16		
	200	-	-	-	-	-	-	-	-	-	-	2.5	2.5	3.2	4	5	6.3	16	16	16	16		
	250	-	-	-	-	-	-	-	-	-	-	-	-	3.2	4	5	6.3	-	-	-	-		
DPX ³ 630 thermal magnetic 36, 50, 70, 100 kA	250	-	-	-	-	-	-	-	-	-	-	-	-	-	3.2	4	5	6.3	16	16	16	16	
	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	6.3	16	16	16	16	
	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6.3	16	16	16	16	
	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	16	16	16	16	
	630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	16	16	16	
DPX and DPX-H 630 electronic release selector switch on "HIGH" S2 and Sg 36, 50, 70, 100 kA	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DPX ³ 630 electronic release selector switch on "LOW" S1 and S2 36, 50, 70, 100 kA	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	8	10	12,5	
	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	8	10	12,5	
	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	8	10	12,5	
	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	8	10	12,5	
	630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	10	12,5		
DPX ³ 1600 thermal magnetic 30, 50, 70, 100 kA	630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DPX ³ 1600 electronic release selector switch on "LOW" S2 and Sg 36, 50, 70, 100 kA	630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

T = total selectivity, up to downstream circuit breaker breaking capacity, according to IEC 60947-2

Selectivity table electronic release DPX³ / DPX³

Limits of selectivity (average values kA at 400 V~)

Downstream MCCB	Icu (kA)	In (A)	Upstream MCCB electronic release, selector switch on "HIGH"									
			DPX ³ 250 electronic release (25, 36, 50, 70 kA) with or without e.l.c.bs				DPX ³ 630 electronic release S2, Sg (36, 50, 70, 100 kA)					
			40	100	160	250	250	320	400	500	630	
DPX ³ 160 with or without e.l.c.bs	16, 25, 36 kA	16, 25	T	T	T	T	T	T	T	T	T	
		40	-	T	T	T	T	T	T	T	T	
		63, 80, 100	-	-	-	-	T	T	T	T	T	
		125	-	-	-	-	T	T	T	T	T	
		160	-	-	-	T	T	T	T	T	T	
	50 kA	16, 25	-	-	-	-	36	36	36	36	36	
		40	-	-	-	-	36	36	36	36	36	
		63, 80, 100	-	-	-	-	36	36	36	36	36	
		125	-	-	-	-	36	36	36	36	36	
		160	-	-	-	-	36	36	36	36	36	
DPX ³ 250 thermal-magnetic with or without e.l.c.bs	25 kA	100	-	-	16	16	T	T	T	T	T	
		160	-	-	-	16	T	T	T	T	T	
		200	-	-	-	16	T	T	T	T	T	
		250	-	-	-	-	T	T	T	T	T	
		100	-	-	25	25	T	T	T	T	T	
	36 kA	160	-	-	-	25	T	T	T	T	T	
		200	-	-	-	25	T	T	T	T	T	
		250	-	-	-	-	T	T	T	T	T	
		100	-	-	25	25	36	36	36	36	36	
		160	-	-	-	25	36	36	36	36	36	
	50 kA	200	-	-	-	25	36	36	36	36	36	
		250	-	-	-	-	36	36	36	36	36	
		100	-	-	36	36	36	36	36	36	36	
		160	-	-	-	36	36	36	36	36	36	
		200	-	-	-	36	36	36	36	36	36	
	70 kA	250	-	-	-	-	-	36	36	36	36	
DPX ³ 250 electronic release selector switch on "HIGH" with or without e.l.c.bs		40	-	1	1.6	2.5	2.5	3.2	4	5	6.3	
		100	-	-	1.6	2.5	2.5	3.2	4	5	6.3	
		160	-	-	-	2.5	2.5	3.2	4	5	6.3	
		250	-	-	-	-	-	3.2	4	5	6.3	
		40	-	1	1.6	2.5	2.5	3.2	4	5	6.3	
36 kA	100	-	-	1.6	2.5	2.5	3.2	4	5	6.3		
	160	-	-	-	2.5	2.5	3.2	4	5	6.3		
	250	-	-	-	-	-	3.2	4	5	6.3		
	40	-	1	1.6	2.5	2.5	3.2	4	5	6.3		
	100	-	-	1.6	2.5	2.5	3.2	4	5	6.3		
50 kA	160	-	-	-	2.5	2.5	3.2	4	5	6.3		
	250	-	-	-	-	-	3.2	4	5	6.3		
	40	-	1	1.6	2.5	2.5	3.2	4	5	6.3		
	100	-	-	1.6	2.5	2.5	3.2	4	5	6.3		
	160	-	-	-	2.5	2.5	3.2	4	5	6.3		
70 kA	250	-	-	-	-	-	3.2	4	5	6.3		
	DPX ³ 250 electronic release selector switch on "LOW" with or without e.l.c.bs		40	-	T	T	T	T	T	T	T	T
			100	-	-	T	T	T	T	T	T	T
			160	-	-	-	T	T	T	T	T	T
			250	-	-	-	-	T	T	T	T	T
			40	-	36	36	36	T	T	T	T	T
36 kA	100	-	-	36	36	T	T	T	T	T		
	160	-	-	-	36	T	T	T	T	T		
	250	-	-	-	-	T	T	T	T	T		
	40	-	36	36	36	36	36	36	36	36		
	100	-	-	36	36	36	36	36	36	36		
50 kA	160	-	-	-	2.5	2.5	3.2	4	5	6.3		
	250	-	-	-	-	-	3.2	4	5	6.3		
	40	-	36	36	36	36	36	36	36	36		
	100	-	-	36	36	36	36	36	36	36		
	160	-	-	-	36	36	36	36	36	36		
70 kA	250	-	-	-	-	-	3.2	4	5	6.3		
	DPX ³ 250 electronic release selector switch on "LOW" with or without e.l.c.bs		40	-	T	T	T	T	T	T	T	T
			100	-	-	T	T	T	T	T	T	T
			160	-	-	-	T	T	T	T	T	T
			250	-	-	-	-	T	T	T	T	T
			40	-	36	36	36	T	T	T	T	T
36 kA	100	-	-	36	36	T	T	T	T	T		
	160	-	-	-	36	T	T	T	T	T		
	250	-	-	-	-	T	T	T	T	T		
	40	-	36	36	36	36	36	36	36	36		
	100	-	-	36	36	36	36	36	36	36		
50 kA	160	-	-	-	2.5	2.5	3.2	4	5	6.3		
	250	-	-	-	-	-	3.2	4	5	6.3		
	40	-	36	36	36	36	36	36	36	36		
	100	-	-	36	36	36	36	36	36	36		
	160	-	-	-	36	36	36	36	36	36		
70 kA	250	-	-	-	-	-	3.2	4	5	6.3		
	DPX ³ 630 thermal magnetic		250	-	-	-	-	-	25	25	25	25
			320	-	-	-	-	-	-	25	25	25
			400	-	-	-	-	-	-	-	25	25
			500	-	-	-	-	-	-	-	-	25
			630	-	-	-	-	-	-	-	-	-
36 and 50 kA	250	-	-	-	-	-	-	25	25	25		
	320	-	-	-	-	-	-	-	25	25		
	400	-	-	-	-	-	-	-	25	25		
	500	-	-	-	-	-	-	-	-	25		
	630	-	-	-	-	-	-	-	-	-		
70 kA	250	-	-	-	-	-	25	25	25	25		
	320	-	-	-	-	-	-	25	25	25		
	400	-	-	-	-	-	-	-	25	25		
	500	-	-	-	-	-	-	-	-	25		
	630	-	-	-	-	-	-	-	-	-		
DPX ³ 630 electronic release selector switch on "HIGH" S2, Sg	36, 50, 70, 100 kA	250	-	-	-	-	-	3,2	4	5	6.3	
	320	-	-	-	-	-	-	4	5	6.3		
	400	-	-	-	-	-	-	-	5	6.3		
	500	-	-	-	-	-	-	-	-	6.3		
	630	-	-	-	-	-	-	-	-	-		
	250	-	-	-	-	-	16	16	16	16		
DPX ³ 630 electronic release selector switch on "LOW" S2, Sg	36, 50, 70, 100 kA	320	-	-	-	-	-	16	16	16	16	
		400	-	-	-	-	-	-	-	16	16	
		500	-	-	-	-	-	-	-	-	16	
		630	-	-	-	-	-	-	-	-	-	
		250	-	-	-	-	-	-	-	-	-	

T = total selectivity, up to downstream circuit breaker breaking capacity, according to IEC 60947-2

Downstream MCCB	Icu (kA)	In (A)	Upstream MCCB electronic release, selector switch on "HIGH"																			
			DPX³ 1600 electronic release S1, S2, Sg (36 kA)					DPX³ 1600 electronic release S1, S2, Sg (50 kA)					DPX³ 1600 electronic release S1, S2, Sg (70 kA)					DPX³ 1600 electronic release S1, S2, Sg (100 kA)				
			630	800	1000	1250	1600	630	800	1000	1250	1600	630	800	1000	1250	1600	630	800	1000	1250	1600
DPX³ 160 with or without e.l.c.b.s	16, 25, 36 kA	16 to 160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		16, 25	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		40	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		50 kA	63, 80, 100	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		125	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
DPX³ 250 thermal-magnetic with or without e.l.c.b.s	25, 36 kA	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		200	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		250	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		50 kA	100	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	
		160	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		200	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		250	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		70 kA	100	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	
		160	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		200	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		250	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
DPX³ 250 electronic release selector switch on "HIGH" with or without e.l.c.b.s	25, 36, 50, 70 kA	40	5	6,3	8	10	12,5	5	6,3	8	10	12,5	5	6,3	8	10	12,5	5	6,3	8	10	12,5
		100	5	6,3	8	10	12,5	5	6,3	8	10	12,5	5	6,3	8	10	12,5	5	6,3	8	10	12,5
		160	5	6,3	8	10	12,5	5	6,3	8	10	12,5	5	6,3	8	10	12,5	5	6,3	8	10	12,5
		250	5	6,3	8	10	12,5	5	6,3	8	10	12,5	5	6,3	8	10	12,5	5	6,3	8	10	12,5
		40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
DPX³ 250 selector switch on "LOW" with or without e.l.c.b.s	25, 36 kA	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		250	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		50 kA	40	36	36	36	36	36	40	40	40	40	40	40	40	40	40	40	40	40	40	
		100	36	36	36	36	36	36	40	40	40	40	40	40	40	40	40	40	40	40	40	
DPX³ 630 thermal magnetic	36 and 50 kA	250	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		320	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		400	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		500	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		630	-	T	T	T	T	T	-	T	T	T	T	-	T	T	T	-	T	T	T	
		70 kA	250	36	36	36	36	36	50	50	50	50	50	T	T	T	T	T	T	T	T	
		320	36	36	36	36	36	50	50	50	50	50	T	T	T	T	T	T	T	T	T	
		400	36	36	36	36	36	50	50	50	50	50	T	T	T	T	T	T	T	T	T	
		500	36	36	36	36	36	50	50	50	50	50	T	T	T	T	T	T	T	T	T	
		630	-	36	36	36	36	-	50	50	50	50	-	T	T	T	-	T	T	T	T	
DPX³ 630 electronic release selector switch on "HIGH" S2, Sg	36, 50, 70, 100 kA	250	6,3	8	10	12,5	16	6,3	8	10	12,5	16	6,3	8	10	12,5	16	6,3	8	10	12,5	
		320	6,3	8	10	12,5	16	6,3	8	10	12,5	16	6,3	8	10	12,5	16	6,3	8	10	12,5	
		400	6,3	8	10	12,5	16	6,3	8	10	12,5	16	6,3	8	10	12,5	16	6,3	8	10	12,5	
		500	6,3	8	10	12,5	16	6,3	8	10	12,5	16	6,3	8	10	12,5	16	6,3	8	10	12,5	
		630	-	8	10	12,5	16	-	8	10	12,5	16	-	8	10	12,5	16	-	8	10	12,5	
DPX³ 630 electronic release selector switch on "LOW" S2, Sg	36 kA	250	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		320	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		400	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		500	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		630	-	T	T	T	T	T	-	T	T	T	T	-	T	T	T	-	T	T	T	
DPX³ 630 electronic release selector switch on "HIGH" S2, Sg	50, 70, 100 kA	250	-	T	T	T	T	T	-	T	T	T	T	-	T	T	T	-	T	T	T	
		320	-	T	T	T	T	T	-	T	T	T	T	-	T	T	T	-	T	T	T	
		400	-	T	T	T	T	T	-	T	T	T	T	-	T	T	T	-	T	T	T	
		500	-	T	T	T	T	T	-	T	T	T	T	-	T	T	T	-	T	T	T	
		630	-	T	T	T	T	T	-	T	T	T	T	-	T	T	T	-	T	T	T	
		70 kA	250	-	36	36	36	36	-	T	T	T	T	-	T	T	T	-	T	T	T	
		320	-	36	36	36	36	-	T	T	T	T	-	T	T	T	-	T	T	T		
		400	-	36	36	36	36	-	T	T	T	T	-	T	T	T	-	T	T	T		
		500	-	36	36	36	36	-	T	T	T	T	-	T	T	T	-	T	T	T		
		630	-	36	36	36	36	-	T	T	T	T	-	T	T	T	-	T	T	T		
DPX³ 1600 electronic release selector switch on "HIGH" S1, S2, Sg	36, 50, 70, 100 kA	630	-	8	10	12,5	16	-	8	10	12,5	16	-	8	10	12,5	16	-	8	10	12,5	
		800	-	-	10	12,5	16	-	10	12,5	16	-	10	12,5	16	-	10	12,5	-	10	12,5	
		1000	-	-	-	12,5	16	-	-	12,5	16	-	-	12,5	16	-	-	12,5	-	12,5	16	
		1250	-	-	-	-	16	-	-	-	16	-	-	-	16	-	-	16	-	-	16	
		1600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DPX³ 1600 electronic release selector switch on "LOW" S1, S2, Sg	36 kA	630	-	T	T	T	T	-	T	T	T	T	-	T	T	T	-	T	T	T		
		800	-	-	T	T	T	-	T	T	T	T	-	T	T	T	-	T	T	T		
		1000	-	-	-	T	-	-	T	T	T	T	-	T	T	T	-	T	T	T		
		1250	-	-	-	-	T	-	-	T	T	T	-	T	T	T	-	T	T	T		
		1600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DPX³ 1600 electronic release selector switch on "HIGH" S1, S2, Sg	50, 70, 100 kA	630	-	T	T	T	T	-	T	T	T	T	-	T	T	T	-	T	T	T		

Selectivity table electronic release DPX³ / DPX³ (continued)

Limits of selectivity (average values kA at 400 V~)

Downstream MCCB	Icu (kA)	In (A)	Upstream MCCB electronic release, selector switch on "LOW"									
			DPX ³ 250 electronic release (25, 36, 50, 70 kA) with or without e.l.c.bs					DPX ³ 630 electronic release S2, Sg (36, 50, 70, 100 kA)				
			40	100	160	250	250	320	400	500	630	
DPX ³ 160 with or without e.l.c.bs	16 kA	16, 25	-	1	1.6	2.5	6	6	6	6	6,3	
		40	-	1	1.6	2.5	6	6	6	6	6,3	
		63, 80, 100	-	-	-	-	6	6	6	6	6,3	
		125	-	-	-	-	6	6	6	6	6,3	
	25 kA	160	-	-	-	2.5	6	6	6	6	6,3	
		16, 25	-	1	1.6	2.5	6	6	6	6	6,3	
		40	-	1	1.6	2.5	6	6	6	6	6,3	
		63, 80, 100	-	-	-	-	6	6	6	6	6,3	
	36 kA	125	-	-	-	-	6	6	6	6	6,3	
		160	-	-	-	2.5	6	6	6	6	6,3	
		16, 25	-	-	-	-	6	6	6	6	6,3	
		40	-	-	-	-	6	6	6	6	6,3	
DPX ³ 250 thermal-magnetic with or without e.l.c.bs	50 kA	63, 80, 100	-	-	-	-	6	6	6	6	6,3	
		125	-	-	-	-	6	6	6	6	6,3	
		160	-	-	-	-	6	6	6	6	6,3	
		16, 25	-	-	-	-	6	6	6	6	6,3	
	70 kA	40	-	-	-	-	6	6	6	6	6,3	
		100	-	-	1.6	2.5	6	6	6	6	6,3	
		160	-	-	-	2.5	6	6	6	6	6,3	
		200	-	-	-	2.5	6	6	6	6	6,3	
	100	250	-	-	-	-	6	6	6	6	6,3	
		100	-	-	1.6	2.5	6	6	6	6	6,3	
		160	-	-	-	2.5	6	6	6	6	6,3	
		200	-	-	-	2.5	6	6	6	6	6,3	
DPX ³ 250 electronic release selector switch on "HIGH" with or without e.l.c.bs	50 kA	250	-	-	-	-	6	6	6	6	6,3	
		100	-	-	-	-	6	6	6	6	6,3	
		160	-	-	-	-	6	6	6	6	6,3	
		250	-	-	-	-	6	6	6	6	6,3	
	70 kA	40	-	-	-	-	6	6	6	6	6,3	
		100	-	-	1.6	2.5	6	6	6	6	6,3	
		160	-	-	-	2.5	6	6	6	6	6,3	
		200	-	-	-	2.5	6	6	6	6	6,3	
	100	250	-	-	-	-	6	6	6	6	6,3	
		100	-	-	1.6	2.5	6	6	6	6	6,3	
		160	-	-	-	2.5	6	6	6	6	6,3	
		200	-	-	-	2.5	6	6	6	6	6,3	
DPX ³ 250 electronic release selector switch on "LOW" with or without e.l.c.bs	25 kA	40	-	-	-	-	-	-	-	-	-	
		100	-	-	-	-	-	-	-	-	-	
		160	-	-	-	-	-	-	-	-	-	
		250	-	-	-	-	-	-	-	-	-	
	36 kA	40	-	-	-	-	-	-	-	-	-	
		100	-	-	-	-	-	-	-	-	-	
		160	-	-	-	-	-	-	-	-	-	
		250	-	-	-	-	-	-	-	-	-	
	50 kA	40	-	-	-	-	-	-	-	-	-	
		100	-	-	-	-	-	-	-	-	-	
		160	-	-	-	-	-	-	-	-	-	
		250	-	-	-	-	-	-	-	-	-	
	70 kA	40	-	-	-	-	-	-	-	-	-	
		100	-	-	-	-	-	-	-	-	-	
		160	-	-	-	-	-	-	-	-	-	
		250	-	-	-	-	-	-	-	-	-	
DPX ³ 630 thermal magnetic	25, 36, 50, 70 kA	40	-	1	1.6	2.5	8	8	8	8	8	
		100	-	-	1.6	2.5	6	6	6	6	6,3	
		160	-	-	-	2.5	6	6	6	6	6,3	
	25 kA	250	-	-	-	-	6	6	6	6	6,3	
		40	-	1	1.6	2.5	8	8	8	8	8	
		100	-	-	1.6	2.5	6	6	6	6	6,3	
DPX ³ 630 electronic release selector switch on "HIGH" S2, Sg	25, 36, 50, 70 kA	160	-	-	-	2.5	6	6	6	6	6,3	
		250	-	-	-	-	6	6	6	6	6,3	
		400	-	-	-	-	6	6	6	6	6,3	
	25 kA	500	-	-	-	-	6	6	6	6	6,3	
		630	-	-	-	-	6	6	6	6	-	
		250	-	-	-	-	6	6	6	6	-	
DPX ³ 630 electronic release selector switch on "LOW" S2, Sg	25, 36, 50, 70 kA	320	-	-	-	-	-	6	6	6	6,3	
		400	-	-	-	-	-	-	-	6	6,3	
		500	-	-	-	-	-	-	-	-	6,3	
	25 kA	630	-	-	-	-	-	-	-	-	-	
		250	-	-	-	-	-	3,2	4	5	6,3	
		320	-	-	-	-	-	4	5	6	6,3	

T = total selectivity, up to downstream circuit breaker breaking capacity, according to IEC 60947-2

Downstream MCCB	Icu (kA)	In (A)	Upstream MCCB electronic release, selector switch on "LOW"																			
			DPX³ 1600 electronic release S1, S2, Sg (36 kA)					DPX³ 1600 electronic release S1, S2, Sg (50 kA)					DPX³ 1600 electronic release S1, S2, Sg (70 kA)					DPX³ 1600 electronic release S1, S2, Sg (100 kA)				
			630	800	1000	1250	1600	630	800	1000	1250	1600	630	800	1000	1250	1600	630	800	1000	1250	1600
DPX³ 160 with or without e.l.c.b.s	16, 25, 36, 50 kA	16-40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		63	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		80	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		125	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
DPX³ 250 thermal-magnetic with or without e.l.c.b.s	25, 36 kA	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		200	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		250	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
	50 kA	100	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		160	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		200	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		250	36	36	36	36	36	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
	70 kA	100	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
		160	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
		200	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
		250	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
DPX³ 250 electronic release selector switch on "HIGH" with or without e.l.c.b.s	25, 36, 50, 70 kA	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DPX³ 250 selector switch on "LOW" with or without e.l.c.b.s	25, 36 kA	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		40	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
	50, 70 kA	100	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
		160	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
DPX³ 630 thermal magnetic	36 and 50 kA	250	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
		320	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
		400	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
		500	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
		630	-	20	20	20	-	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
		70 kA	250	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
	100 kA	320	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
		400	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
		500	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
		630	-	20	20	20	-	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
		250	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
		320	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
DPX³ 630 electronic release selector switch on "HIGH" S2, Sg	36, 50, 70, 100 kA	250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DPX³ 630 electronic release selector switch on "LOW" S2, Sg	36 kA	250	20	20	20	20	T	20	20	20	20	T	20	20	20	20	20	20	20	20	T	
DPX³ 630 electronic release selector switch on "LOW" S2, Sg	36 kA	320	20	20	20	20	T	20	20	20	20	T	20	20	20	20	20	20	20	20	T	
DPX³ 630 electronic release selector switch on "LOW" S2, Sg	50, 70, 100 kA	400	20	20	20	20	T	20	20	20	20	T	20	20	20	20	20	20	20	20	T	
DPX³ 630 electronic release selector switch on "LOW" S2, Sg	50, 70, 100 kA	500	20	20	20	20	T	20	20	20	20	T	20	20	20	20	20	20	20	20	T	
DPX³ 1600 thermal magnetic	36 kA	630	-	15	20	20	20	-	15	20	20	20	-	15	20	20	20	-	15	20	20	
		800	-	-	20	20	20	-	20	20	20	-	-	20	20	20	-	-	20	20	20	
		1000	-	-	-	20	20	-	-	20	20	-	-	20	20	-	-	-	20	20	20	
		1250	-	-	-	-	20	-	-	20	-	-	-	20	-	-	-	-	20	-	20	
		1600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	
		2500	-	15	20	20	20	-	15	20	20	20	-	15	20	20	20	-	15	20	20	
	100 kA	800	-	-	20	20	20	-	20	20	20	-	-	20	20	20	-	-	20	20	20	
		1000	-	-	-	20	20	-	-	20	20	-	-	20	20	-	-	-	20	20	20	
		1250	-	-	-	-	20	-	-	20	-	-	-	20	-	-	-	-	20	-	20	
		1600	-	15	20	20	20	-	15	20	20	-	-	15	20	20	-	-	15	20	20	
		2500	-	15	20	20	20	-	15	20	20	-	-	15	20	20	-	-	15	20	20	
		3200	-	-	20	20	20	-	20	20	20	-	-	20	20	20	-	-	20	20	20	
DPX³ 1600 electronic release selector switch on "HIGH" S1, S2, Sg	36, 50, 70, 100 kA	630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DPX³ 1600 electronic release selector switch on "LOW" S1, S2, Sg	36 kA	630	-	15	15	15	15	20	-	15	15	15	20	-	15	15	15	20	-	15	15	20
DPX³ 1600 electronic release selector switch on "LOW" S1, S2, Sg	50, 70, 100 kA	800	-	-	15	15	15	20	-	15	15	15	20	-	15	15	15	20	-	15	15	20
DPX³ 1600 electronic release selector switch on "LOW" S1, S2, Sg	50, 70, 100 kA	1000	-	-	-	15	15	20	-	-	15	15	20	-	-	15	15	20	-	-	15	20
DPX³ 1600 electronic release selector switch on "LOW" S1, S2, Sg	50, 70, 100 kA	1250	-	-	-	-	20	-	-	-	20	-	-	-	-	-	20	-	-	-	20	
DPX³ 1600 electronic release selector switch on "LOW" S1, S2, Sg	50, 70, 100 kA	1600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	

T = total selectivity, up to downstream circuit breaker breaking capacity, according to IEC 60947-2

Selectivity tables MCCBs/MCBs

Downstream MCB	In (A)	Upstream MCCB																											
		DPX ³ 160 (16, 25, 36, 50 kA) with or without e.l.c.b.s								DPX ³ 250 (25, 36, 50, 70 kA) with or without e.l.c.b.s					DPX ³ 250 electronic release ⁽¹⁾ (25, 36, 50, 70 kA) with or without e.l.c.b.s				DPX ³ 250 electronic release ⁽²⁾ (25, 36, 50, 70 kA) with or without e.l.c.b.s				DPX ³ 630 (36, 50, 70, 100 kA)						
		16	25	40	63	80	100	125	160	100	160	200	250	40	100	160	250	40	100	160	250	250	320	400	500	630			
RX ³ 4500 B and C curves	≤ 6	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	13	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	16	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	20	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	25	-	-	3.5	3.5	T	T	T	T	T	T	T	T	T	4	T	T	T	4	T	T	T	T	T	T	T	T		
	32	-	-	-	3	4	4	T	T	T	T	T	T	T	-	T	T	T	-	T	T	T	T	T	T	T	T		
	40	-	-	-	3	3	3	T	T	T	T	T	T	T	-	T	T	T	-	T	T	T	T	T	T	T	T		
	50	-	-	-	-	3	3	T	T	4	T	T	T	-	4	T	T	-	4	T	T	T	T	T	T	T	T		
	63	-	-	-	-	3	3	T	T	4	T	T	T	-	4	T	T	-	4	T	T	T	T	T	T	T	T		
RX ³ 6000 TX ³ 6000 (for prong type busbar) B and C curves	≤ 6	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	10	5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	13	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	16	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	20	-	5	5	5	5	5	T	T	T	T	T	T	T	5	T	T	T	5	T	T	T	T	T	T	T	T		
	25	-	-	3.5	3.5	4.5	4.5	T	T	T	T	T	T	T	4	T	T	T	4	T	T	T	T	T	T	T	T		
	32	-	-	-	3	4	4	T	T	5	T	T	T	-	5	T	T	-	5	T	T	T	T	T	T	T	T		
	40	-	-	-	3	3	3	T	T	5	T	T	T	-	5	T	T	-	5	T	T	T	T	T	T	T	T		
	50	-	-	-	-	3	3	5.5	T	4	T	T	T	-	4	T	T	-	4	T	T	T	T	T	T	T	T		
	63	-	-	-	-	3	3	5	T	4	T	T	T	-	4	T	T	-	4	T	T	T	T	T	T	T	T		
DX ³ 6000 / 10 kA B and C curves	≤ 6	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	10	5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	13	-	T	T	T	T	T	T	T	T	T	T	T	T	8	T	T	T	8	T	T	T	T	T	T	T	T		
	16	-	T	T	T	T	T	T	T	T	T	T	T	T	6	T	T	T	6	T	T	T	T	T	T	T	T		
	20	-	5	5	5	5	6	T	T	8	T	T	T	T	5	8	T	T	5	8	T	T	T	T	T	T	T		
	25	-	-	4.5	4.5	4.5	4.5	T	T	6	T	T	T	T	4	6	T	T	4	6	T	T	T	T	T	T	T		
	32	-	-	-	3	4	4	T	T	5	T	T	T	-	5	T	T	-	5	T	T	T	T	T	T	T	T		
	40	-	-	-	3	3	3	T	T	5	T	T	T	-	5	T	T	-	5	T	T	T	T	T	T	T	T		
	50	-	-	-	-	3	3	5.5	T	7	4	8	T	T	-	4	8	T	-	4	8	T	T	T	T	T	T		
	63	-	-	-	-	3	3	5	6	-	8	T	T	-	-	8	T	-	-	8	T	T	T	T	T	T	T		
DX ³ 6000 / 10 kA D curve	≤ 6	6	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	10	5	7.5	7.5	7.5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	16	-	-	5	5	5	T	T	T	T	T	T	T	T	6	T	T	T	6	T	T	T	T	T	T	T	T		
	20	-	-	4.5	4.5	4.5	6	T	T	8	T	T	T	T	5	8	T	T	5	8	T	T	T	T	T	T	T		
	25	-	-	-	4.5	4	4.5	T	T	6	T	T	T	T	-	6	T	T	-	6	T	T	T	T	T	T	T		
	32	-	-	-	3	3	4	T	T	5	T	T	T	T	-	5	T	T	-	5	T	T	T	T	T	T	T		
	40	-	-	-	3	3	3	T	T	5	T	T	T	T	-	5	T	T	-	5	T	T	T	T	T	T	T		
	50	-	-	-	-	3	3	5.5	T	7	4	8	T	T	-	4	8	T	-	4	8	T	T	T	T	T	T		
	63	-	-	-	-	3	3	5	6	-	8	T	T	-	-	8	T	-	-	8	T	T	T	T	T	T	T		
	80	-	-	-	-	-	-	5	6	4	T	T	T	-	4	T	T	-	4	T	T	T	T	T	T	T	T		
DX ³ 10000 / 16 kA B and C curves	≤ 6	6	12	12	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	10	5	7	7	7	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		
	16	-	6	6	6	T	T	T	T	T	T	T	T	T	7	T	T	T	7	T	T	T	T	T	T	T	T		
	20	-	5	5	5	5	6	T	T	T	T	T	T	T	5	T	T	T	5	T	T	T	T	T	T	T	T		
	25	-	-	4.5	4.5	4.5	4.5	8.5	T	T	T	T	T	T	4	T	T	T	4	T	T	T	T	T	T	T	T		
	32	-	-	-	3	4	4	7	10	5	T	T	T	T	-	5	T	T	-	5	T	T	T	T	T	T	T		
	40	-	-	-	3	3	3	6	8	5	T	T	T	T	-	5	T	T	-	5	T	T	T	T	T	T	T		
	50	-	-	-	-	3	3	5.5	7	4	T	T	T	T	-	4	T	T	-	4	T	T	T	T	T	T	T		
	63	-	-	-	-	3	3	5	6	4	T	T	T	T	-	4	T	T	-	4	T	T	T	T	T	T	T		
	80	-	-	-	-	-	-	5	6	4	T	T	T	T	-	4	T	T	-	4	T	T	T	T	T	T	T		
	100	-	-	-	-	-	-	-	5	-	T	T	T	T	-	-	T	T	-	-	T	T	T	T	T	T	T		
	125	-	-	-	-	-	-	-	-	3	-	T	T	T	-	-	T	T	-	-	T	T	T	T	T	T	T		

T = total selectivity, up to downstream circuit breaker breaking capacity, according to IEC 60947-2

1: Electronic release, selector switch on "HIGH" - 2: Electronic release, selector switch on "LOW"

Selectivity tables MCCBs/MCBs (continued)

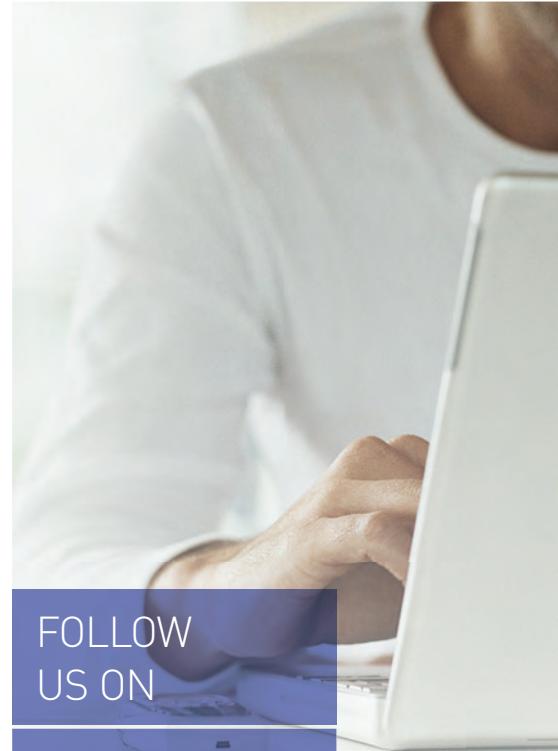
Downstream MCB	In (A)	Upstream MCCB																											
		DPX ³ 160 (16, 25, 36, 50 kA) with or without e.l.c.bs								DPX ³ 250 (25, 36, 50, 70 kA) with or without e.l.c.bs					DPX ³ 250 electronic release ⁽¹⁾ (25, 36, 50, 70 kA) with or without e.l.c.bs				DPX ³ 250 electronic release ⁽²⁾ (25, 36, 50, 70 kA) with or without e.l.c.bs				DPX ³ 630 (36, 50, 70, 100 kA)						
		16	25	40	63	80	100	125	160	100	160	200	250	40	100	160	250	40	100	160	250	250	320	400	500	630			
DX ³ 10000 / 16 kA D curve	≤ 6	6	12	12	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T			
	10	5	7	7	7	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	16	-	6	6	6	6	T	T	T	T	T	T	T	T	7	T	T	T	7	T	T	T	T	T	T				
	20	-	5	5	5	5	6	T	T	T	T	T	T	T	5	T	T	T	5	T	T	T	T	T	T				
	25	-	-	4.5	4.5	4.5	4.5	8.5	T	T	T	T	T	T	-	T	T	T	-	T	T	T	T	T	T				
	32	-	-	-	3	4	4	7	10	5	T	T	T	-	5	T	T	-	5	T	T	T	T	T	T				
	40	-	-	-	3	3	3	6	8	5	T	T	T	-	5	T	T	-	5	T	T	T	T	T	T				
	50	-	-	-	-	3	3	5.5	7	4	T	T	T	-	4	T	T	-	4	T	T	T	T	T	T				
	63	-	-	-	-	3	3	5	6	-	T	T	T	-	-	T	T	-	-	T	T	T	T	T	T				
	80	-	-	-	-	-	-	5	6	-	T	T	T	-	-	T	T	-	-	T	T	T	T	T	T				
	100	-	-	-	-	-	-	-	5	-	T	T	T	-	-	T	T	-	-	T	T	T	T	T	T				
	125	-	-	-	-	-	-	-	3	-	-	T	T	-	-	-	T	-	-	-	T	T	T	T	T	T			
DX ³ 16 kA direct current	≤ 6	6	12	12	T	T	T	T	T	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	8	6	12	12	T	T	T	T	T	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	10	5	7	7	7	T	T	T	T	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	16	-	6	6	6	6	T	T	T	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	20	-	5	5	5	5	6	T	T	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	25	-	-	3.5	3.5	4.5	4.5	8.5	T	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	32	-	-	-	3	4	4	7	10	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	40	-	-	-	3	3	3	6	8	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	50	-	-	-	-	3	3	5.5	7	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	63	-	-	-	-	3	3	5	6	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	125	-	-	-	-	-	-	-	3	-	T	T	T	-	-	T	T	-	-	T	T	T	T	T	T				
DX ³ 25 kA C curve	≤ 6	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	16	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	20	-	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	25	-	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	32	-	-	-	T	T	T	T	T	T	T	T	T	T	-	T	T	T	-	T	T	T	T	T	T				
	40	-	-	-	T	T	T	T	T	T	T	T	T	T	-	T	T	T	-	T	T	T	T	T	T				
	50	-	-	-	4	4	5	10	10	20	T	T	T	-	20	T	T	-	20	T	T	T	T	T	T				
	63	-	-	-	-	3	5	10	10	15	T	T	T	-	15	T	T	-	15	T	T	T	T	T	T				
	80	-	-	-	-	-	5	6	4	T	T	T	-	4	T	T	-	4	T	T	T	T	T	T	T				
	100	-	-	-	-	-	-	5	-	T	T	T	-	-	T	T	-	-	T	T	T	T	T	T	T				
	125	-	-	-	-	-	-	-	3	-	T	T	T	-	-	T	T	-	-	T	T	T	T	T	T				
DX ³ 25 kA D curve	≤ 6	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	10	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	16	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	20	-	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	25	-	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				
	32	-	-	-	T	T	T	T	T	T	T	T	T	T	-	T	T	T	-	T	T	T	T	T	T				
	40	-	-	-	T	T	T	T	T	T	T	T	T	T	-	T	T	T	-	T	T	T	T	T	T				
	50	-	-	-	4	4	5	10	10	20	T	T	T	-	20	T	T	-	20	T	T	T	T	T	T				
DX ³ 50 kA C & D curves	63	-	-	-	-	-	5	10	10	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T	T			
	10	T	T	T	T	T	T	T	T	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	16	-	T	T	T	T	T	T	T	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	20	-	-	T	T	T	T	T	T	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	25	-	-	36	T	T	T	T	T	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	32	-	-	-	T	T	T	T	T	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	40	-	-	-	T	T	T	T	T	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	50	-	-	-	-	4	5	10	10	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				
	63	-	-	-	-	-	5	10	10	-	-	-	-	-	-	-	-	-	-	-	T	T	T	T	T				

T = total selectivity, up to downstream circuit breaker breaking capacity, according to IEC 60947-2

1: Electronic release, selector switch on "HIGH" - 2: Electronic release, selector switch on "LOW" - 3: 36 kA for DPX³ 630 & 1600 36 kA upstream / T for DPX³ 630 & 1600 50, 70, 100 kA upstream

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