La legrand®

DPX³ 160 HP thermal magnetic circuit breakers

DPX³-I 160 HP switch disconnectors



1. USE

DPX³ HP platform has been developed to give a new solution of protection devices for a more precise approach in power installations in order to offer the correct answer for different project needs. DPX³ HP platform provide a complete project approach in premium market segment, offering a range completely suitable for high power application with high performance breakers in compact dimensions and at a competitive costs.

2. RANGE

Circuit breakers

		DPX ³ 160 HP						
	36	kA	50	kA	70	kA	100) kA
I _n (A)	3P	4P	3P	4P	3P	4P	3P	4P
160	423720	423721	423725	423726	423730	423731	423735	423736

Switch disconnectors

DPX ³ -I 160 HP				
I _n (A)	3P	4P		
160	423188	423189		

87045 LIMOGES Cedex

Phone :+33 05 55 06 87 87 - Fax :+33 05 55 06 88 88

Reference(s) :

4 237 20, 4 237 21, 4 237 25, 4 237 26, 4 237 30, 4 237 30, 4 237 35, 4 237 36, 4 237 88, 4 237 89

CONTENTS 1. USE

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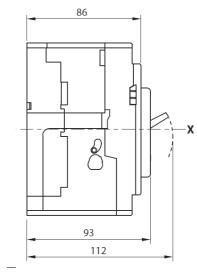
PAGES

1

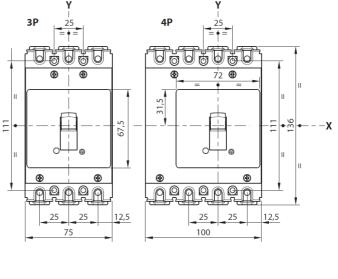
3. DIMENSIONS AND WEIGHTS

3.1 Dimensions

Lateral view



Frontal view (3 and 4 poles)

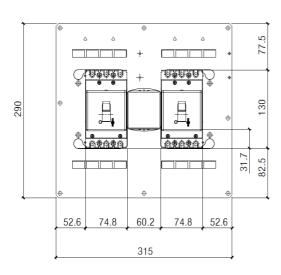


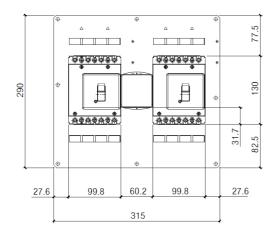
DPX³ 160 HP thermal magnetic circuit breakers

DPX³-I 160 HP switch disconnectors

Interlock

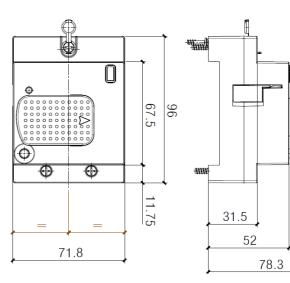
(for rear plate interlock dimension, see relative instruction sheet)

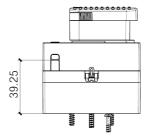


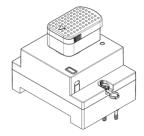


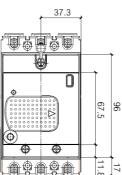
Reference(s) : 4 237 20, 4 237 21, 4 237 25, 4 237 26, 4 237 30, 4 237 30, 4 237 35, 4 237 36, 4 237 88, 4 237 89

Direct rotary handle

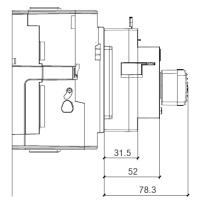








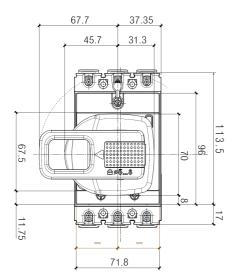
71.8

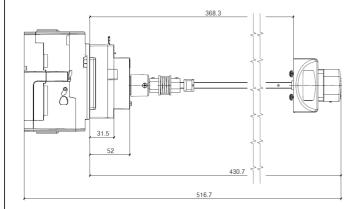


DPX³ 160 HP thermal magnetic circuit breakers

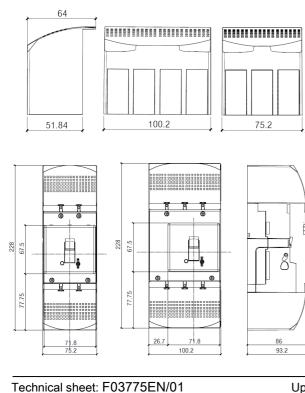
DPX³-I 160 HP switch disconnectors

Vari-depth rotary handle



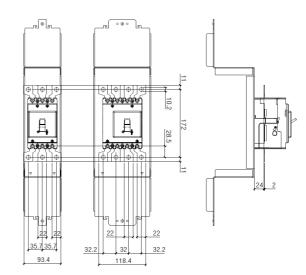


Sealable terminal shields

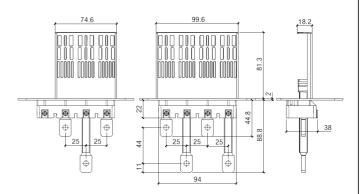


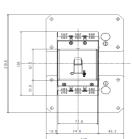
Reference(s) : 4 237 20, 4 237 21, 4 237 25, 4 237 26, 4 237 30, 4 237 30, 4 237 35, 4 237 36, 4 237 88, 4 237 89

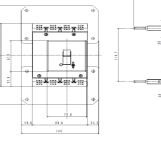




Rear terminals







Creation: 09/05/2022

3/18

3.2 Weights

	Weigh	ts (Kg)
Configuration	3P	4P
Circuit breaker/switch disconnector	0.95	1.2
Direct rotary handle* 0.18		18
Vari depth rotary handle* 0.55		55
Interlock*	0.35	
Spreader*	0.135	0.175
* to add to device weight		

4. OVERVIEW

4.1 Supplied with:

- fixing screws (2 for 3P and 4 for 4P)
- screws for connections (6 for 3P and 8 for 4P)
- phase insulators (2 for 3P and 3 for 4P)

5. ELECTRICAL CONNECTIONS

5.1 Mounting possibilities

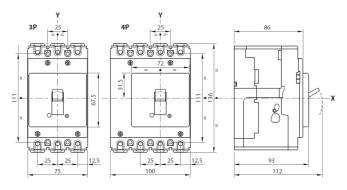
On plate:

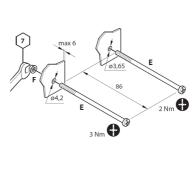
- Vertical
- Horizontal
- Supply invertor type

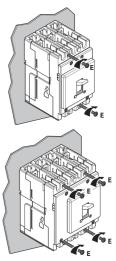
Reference(s) : 4 237 20, 4 237 21, 4 237 25, 4 237 26, 4 237 30, 4 237 30, 4 237 35, 4 237 36, 4 237 88, 4 237 89

5.2 Mounting

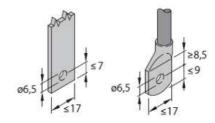
(see instruction sheet for detailed mounting procedures)

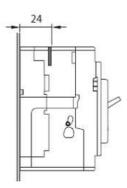






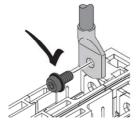
Busbars/cable lugs:





DPX³ 160 HP thermal magnetic circuit breakers

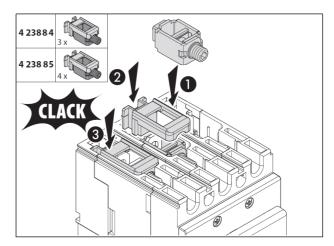
DPX³-I 160 HP switch disconnectors



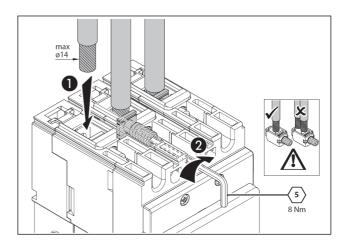


Reference(s) : 4 237 20, 4 237 21, 4 237 25, 4 237 26, 4 237 30, 4 237 30, 4 237 35, 4 237 36, 4 237 88, 4 237 89

Cables:



For Cu/AI cables, 1x70 mm2 for flexible and rigid cables (for AI cables In max 80A)



6. ELECTRICAL AND MECHANICAL CHARACTERISTICS

Circuit breaker

Circuit Breaker	DPX ³ 160 HP F/N/H/L
	(36kA, 50kA, 70kA, 100kA)
Rated current (A)	160
Poles	3 - 4
Pole pitch (mm)	25
Rated insulation voltage (50/60Hz) U _I (V)	800
Rated operating voltage (50/60Hz) U _e (V)	690
Rated impulse withstand current U _{Imp} (kV)	8
Rated frequency (Hz)	50 - 60
Reference ambient temperature(°C)	40 - 50
Operating temperature (°C)	-25 ÷ 70
Mechanical endurance (cycles)	20000
Electrical endurance at In (cycles)	8000
Utilization category	A
Suitable for isolation	Yes
Type of protection	Thermal-magnetic
Thermal adjustment I _r	0,8 - 0,9 - 1 x I _n
Magnetic adjustment I _I (A)	In=1600A (not adjustable);
Neutral protection for 4P (%Ith of phase pole)	100
	75 x 135 x 86 (3P)
Dimensions (W x H x D) (mm)	100 x 135 x 86 (4P)

Switch disconnectors

Switch	DPX ³ -I 160 HP			
Uninterrupted nominal current I _e (A)	160			
Short-time resistive current I _{cw} (kA) for 1s	1.5			
Rated short-circuit making capacity I _{om} (kA)	2.5			
Rated insulation voltage U _I (V AC)	800			
Maximum rated operating voltage U _e (V AC)	690			
Rated impulse withstand voltage U _{Imp} (kV)	8			
Utilisation category	AC23A			
Suitable for isolation	Yes			
Nominal frequency (Hz)	50-60			
Operating temperature (°C)	-25 ÷ 70			
Mechanical endurance (cycles)	20000			
Electrical endurance at In (cycles)	8000			
	75 x 135 x 86 (3P)			
Dimensions (W x H x D) (mm)	100 x 135 x 86 (4P)			

The maximum admissible (absolute) temperature is 125°C (for detail, see IEC 60947-1 and 60947-2).

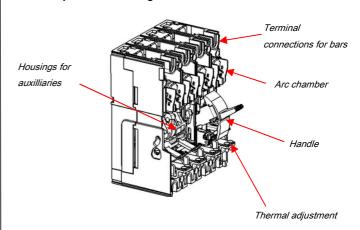
DPX³ product line has the possibility to supply both in "direct" and "reverse" feed.

If "direct", the word "LINE" needs to be marked on supply terminals (normally the top ones), as well as "LOAD" has to be written on the output terminals to be connected to the load (normally the bottom ones).

If "reverse", any indications about LINE / LOAD are NOT expected on the product.

Reference(s) : 4 237 20, 4 237 21, 4 237 25, 4 237 26, 4 237 30, 4 237 30, 4 237 35, 4 237 36, 4 237 88, 4 237 89

6.1 Main parts constituting the circuit breaker



6.2 Breaking capacity (kA)

		Br	eaking capa	acity (kA) &	I _{cs}
			3P-	-4P	
	U _e /I _{cu} (I _{cu} letter)	36kA (F)	50kA (N)	70kA (H)	100kA (L)
	240 V AC	70	90	100	150
	415 V AC	36	50	70	100
	500 V AC	12	16	20	25
IEC 60947-2	690V AC	5	6	10	12
	250 V DC	10	10	10	10
	I _{cs} (% I _{cu})	100	100	100	100
	Rated making capacity under short circuit I _{cm}				
	I _{cm} (kA) at 415V	76.5	105	154	220
	240 V AC	70	90	100	150
NEMA AB-1	500 V AC	12	16	20	25
	690 V AC	5	6	10	12

6.3 Rated current (In) at 40°C / 50°C

	Phases limit trip current			
	thermal (I _r)		magnetic (I _i)	
I _n (A)	0.8 x I _n	1 x I _n	min	max
160	128	160	1600	1600

6.3 Load operations

Force on handle	N
Opening operation	40
Closing operation	40
Restore operation	53

6.4 Electrodynamic forces

The table below shows an indication of suggested distances to keep between the breaker and the first fixing point of the conductor and bars in order to reduce the effects of the electrodynamic stresses that may be created during a short circuit. In the realization of anchorage system it is recommend the use of isolators suitable for the type of conductor used and the operating voltage.

I _{cc} (kA)	Maximum Distance (mm)
36	350
50	300
70	250
100	200

According to conductor type and bar system (except Legrand bar kits), the choice of the distance to keep is to be calibrated by the installer. Also installer must take into account the weight of the conductors so that this does not affect the electrical junction between the conductor itself and the connection point.

6.5 Power losses per pole under I_n

Circuit breaker (I_{cu} <= 50kA)

	Power losses per pole (W)
In (A)	160
Lugs	15.62
Spreaders	18.18
Rear terminals	24.58

Circuit breaker (Icu > 50kA)

	Power losses per pole (W)
In (A)	160
Lugs	16.64
Spreaders	18.18
Rear terminals	24.58

Note: power losses in the table above are referred and measured as described in the standard IEC 60947-2 (Annex G) for circuit-breakers. Values in the table are referred to a single phase.

Switch disconnectors

	Power losses per pole (W)
	In(A)
	160
Lugs	12.80
Spreaders	15.36
Rear terminals	21.76

Note: power loss in the table above are referred and measured as described in the standard IEC 60947-3 for switches. Values in the table are referred to a single phase.

Reference(s) : 4 237 20, 4 237 21, 4 237 25, 4 237 26, 4 237 30, 4 237 30, 4 237 35, 4 237 36, 4 237 88, 4 237 89

6.6 DERATINGS

according to IEC/EN 60947-1

6.6.1 Temperature

Rated current and his adjustment has to be considered relating to a rise or fall of ambient temperature and to a different version or installation conditions. The table below indicates the maximum long-time (LT) protection setting depending on the ambient temperature.

			Temperature Ta (°C)									
I _n (4	4)	-20	-10	-5	0	10	20	30	40	50	60	70
16	D	201	193	189	187	179	173	166	160	160	146	138
							c					

For derating temperature with other configurations, see table A.

6.6.2 Specific condition use

Climatic conditions

according to IEC/EN 60947-1 Annex Q, Cat. F subject to temperature, humidity, vibration, shock and salt mist.

Pollution degree

for DPX³ 160 HP circuit breakers, degree 3, according to IEC/EN 60947-2

6.6.3 Altitude

Altitude derating for DPX3 and DPX3-I

Altitude (m)	2000	3000	4000	5000
U _e (V)	690	590	520	460
I_n (A) (T _a = 40°C/50°C)	1 x I _n	0.98 x I _n	0.93 x I _n	0.9 x I _n

7. CONFORMITY

DPX³ HP range of product concerning circuit-breakers and switchdisconnectors exceed compliance with the IEC/EN standard 60947-2 and 60947-3 respectively. Certification available by IECEE CB-scheme or LOVAG Compliance scheme.

DPX³ HP respect the European Directives REACh, RoHS, RAEE.

For specific information, please contact Legrand support.

7.1 Marking

Product (both circuit breakers and switch disconnectors) are provided with labelling in full conformity to the referred standard and directives requirements by laser or sticker labels (for illustrative purposes only) as:

 (Φ)

legrand

0

Product laser label on front

- -Manufacturer responsible
- -Denomination, type product, code
- -Standard conformity

0

- -Standard characteristics declared
- -Coloured identification of Icu at 415V

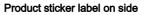
 (\oplus)

DPX³160 HP

4 237 31

lo=1604 Ta=40⊹50°C

<u>___</u>



Reference(s) :

4 237 88, 4 237 89

-Manufacturer responsible -Denomination and type product -Standard conformity -Mark/Licence (if any) -Directive requirements -Bar code identification product -Manufacturing Country

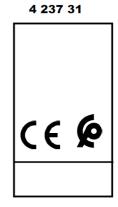
4 237 20, 4 237 21, 4 237 25, 4 237 26,

4 237 30, 4 237 30, 4 237 35, 4 237 36,



Mark sticker label on side

-Product code -Mark/Licence (if any) -Country deviation, if any



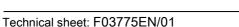
Packaging sticker label

- -Manufacturer responsible
- -Denomination and type product
- -Mark/Licence (if any)

3414972402606

- -Directive requirements
- -Bar code identification product





Update: 28/08/2024

8. EQUIPMENTS AND ACCESSORIES

8.1 Releases (for DPX³ 125/160/250 HP and DPX³ 160/250)

 shunt releases with voltage: 	
12 Vac and dc	ref. 4 210 12
24 Vac and dc	ref. 4 210 13
48 Vac and dc	ref. 4 210 14
110÷130 Vac	ref. 4 210 15
220÷277 Vac	ref. 4 210 16
380÷480 Vac	ref. 4 210 17

Maximum power = 400 VA / W

 undervoltage releases with voltage: 	
12 Vac and dc	ref. 4 210 18
24 Vac and dc	ref. 4 210 19
48 Vac and dc	ref. 4 210 20
110÷130 Vac and dc	ref. 4 210 21
220÷240 Vac	ref. 4 210 22
277 Vac	ref. 4 210 23
380÷415 Vac	ref. 4 210 24
440÷480 Vac	ref. 4 210 25

Maximum power = 4 VA Circuit breaker opening time < 50 ms

UVR releases can be used on DPX3 125/160/250 HP starting from batch 19W15

• time-lag undervoltage releases (800 ms) <i>Time-lag modules with voltage:</i>	
230 V ac	ref. 0 261 90
400 V ac	ref. 0 261 91
Release (to be equipped with a time-lag module 0 261 90/91)	ref. 4 210 98

8.2 Auxiliary contacts

(for DPX³ 125/160/250 HP and DPX³ 160/250)

Changeover switch 3A - 250 VAC

ref. 4 210 11

To show the state of the contacts or opening of the DPX3/DPX3 -I and DPX³ HP/DPX³-I HP on a fault:

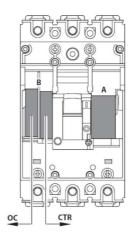
- Auxiliary contact (standard) oc 0 CTR
- Fault signal 0

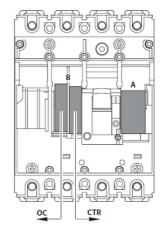
Auxiliary contact electrical characteristics							
Rated voltage (V _n) V (ac or dc) 24 to 25							
	24 V dc	5					
	48 V dc	1.7					
Intensity (A)	110 V dc	0.5					
Intensity (A)	230 V dc	0.25					
	110 V ac	4					
	230/250 V ac	3					

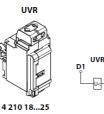
Reference(s) : 4 237 20, 4 237 21, 4 237 25, 4 237 26, 4 237 30, 4 237 30, 4 237 35, 4 237 36, 4 237 88, 4 237 89

Configurations:

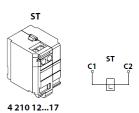
DPX³ 160 HP \rightarrow 1 auxiliary contacts + 1 fault signal



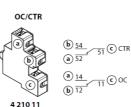




D2



4 210 98



В	Α
×	\checkmark
X	\checkmark
\checkmark	×
	×

To get more information on auxiliary mounting procedures, please refer to product instruction sheet.

8.3 Universal keylocks

These keylocks must be used for all the accessories that can be locked:

rotary handle .

For each of these, a specific accessory (indicated in the specific section of this datasheet) must be added in order to get the complete locking kits for the specific application.

•	1 lock + 1 flat key with random mapping	ref. 4 238 80
•	1 lock + 1 flat key with fixed mapping (EL43525)	ref. 4 238 81
•	1 lock + 1 flat key with fixed mapping (EL43363)	ref. 4 238 82
•	1 lock + 1 star key with random mapping	ref. 4 238 83

DPX³ 160 HP thermal magnetic circuit breakers

DPX³-I 160 HP switch disconnectors

Reference(s) : 4 237 20, 4 237 21, 4 237 25, 4 237 26, 4 237 30, 4 237 30, 4 237 35, 4 237 36, 4 237 88, 4 237 89

Cage terminal use specifications

Dimensions limits of cable for cage terminals

Flexible Rigid Flexible Rigid

MAX cross

section (mm²)

ref. 4 238 27

ref. 4 238 28

ref. 4 238 25

95

120

	Cage termir	nai us	e spe	cilica	lions			
ref 4 238 70								
ref. 4 238 71				OPX ³ 160)HP			
ref. 4 238 72 ref. 4 238 73	Type of cage	sug	gested c	ross	Dimen		-	ble f
	terminai	In (A)	<u></u>					
ref. 4 238 05		In (A)	Cu	AI				
ref. 4 238 05 et the complete ref. 4 210 49 DPX ³ 160/250) ref. 4 238 93 ref. 4 238 34 ref. 4 238 34 ref. 4 238 84 ref. 4 238 85 ref. 4 238 76 ref. 4 238 77	IEC60947-1 (ed.6 8.7 Interlock m (for interlocking 2 No frame mixing Interlock me (for fixed ver Interlock me (for fixed ver	2020/04) nechani 2 DPX ³ y in inter chanism sion DP chanism sion DP	i and IEC ism 125/16 lock me n – stan X ³ 160 n – for e X ³ 160	0 HP o chanis dard ve HP and HP and HP and	r 2 DPX ³ m d DPX ³ 2 ic moduli	4 35 250 HF 50 HP)	70 70 95 Jard P breaker <i>ref. 4 2</i> <i>ref. 4 2</i>	
ref. 4 238 88 ref. 4 238 89 ref. 4 238 91								
	ref. 4 238 72 ref. 4 238 73 ref. 4 238 73 ref. 4 238 05 <u>et the complete</u> ref. 4 210 49 DPX ³ 160/250) ref. 4 238 93 ref. 4 238 94 ref. 4 238 35 ref. 4 238 84 ref. 4 238 85 ref. 4 238 76 ref. 4 238 77 ref. 4 238 88	ref. 4 238 71 Type of cage terminal ref. 4 238 73 Type of cage terminal ref. 4 238 05 Standard ref. 4 238 05 Standard ref. 4 210 49 Standard DPX3 160/250) High capacity ref. 4 238 93 * The suggested ref. 4 238 34 * The suggested ref. 4 238 35 * The suggested ref. 4 238 84 No frame mixing ref. 4 238 84 Interlock me ref. 4 238 85 Interlock me ref. 4 238 76 Interlock pla ref. 4 238 77 Interlock pla	ref. 4 238 71 Type of cage ref. 4 238 73 Type of cage ref. 4 238 73 In (A) ref. 4 238 05 16 et the complete 16 ref. 4 210 49 25 DPX3 160/250) 100 ref. 4 238 93 125 ref. 4 238 93 80 ref. 4 238 93 100 ref. 4 238 93 125 ref. 4 238 93 80 ref. 4 238 93 100 ref. 4 238 93 125 ref. 4 238 93 80 ref. 4 238 84 100 ref. 4 238 84 80 ref. 4 238 85 87 ref. 4 238 85 87 ref. 4 238 76 1 ref. 4 238 76 1 ref. 4 238 77 1	ref. 4 238 71 Type of cage ref. 4 238 72 Type of cage ref. 4 238 73 In (A) Cu ref. 4 238 05 In (A) Cu et the complete In (A) Cu ref. 4 238 05 In (A) Cu ref. 4 238 93 In (A) Cu ref. 4 238 93 In (A) Cu ref. 4 238 94 In (A) Cu ref. 4 238 93 In (A) Cu ref. 4 238 35 Interlock mechanism ref. 4 238 35 * The suggested cross section are IEC60947-1 (ed.6 2020/04) and IEC 8.7 Interlock mechanism (for interlocking 2 DPX ³ 125/16) No frame mixing in interlock mechanism – stan (for fixed version DPX ³ 16) Interlock mechanism – stan (for fixed version DPX ³ 16) ref. 4 238 85 Interlock plate for DPX ³ 16) Interlock plate for DPX ³ 16) ref. 4 238 76 Interlock plate for DPX ³ 16) Interlock plate for DPX ³ 16)	DPX 160 ref. 4 238 71 ref. 4 238 73 ref. 4 238 05 et the complete ref. 4 238 93 ref. 4 238 84 ref. 4 238 84 ref. 4 238 85 ref. 4 238 85 ref. 4 238 76 ref. 4 238 88	DPX 160HP ref. 4 238 73 ref. 4 238 73 Type of cage terminal Cable standard suggested cross section (mm ³)* Dimen section (mm ³)* ref. 4 238 05 in (A) Cu Al section (mm ³)* MiN section (mm ³)* ref. 4 238 05 in (A) Cu Al section (mm ³)* MiN section (mm ³)* ref. 4 238 05 in (A) Cu Al section (mm ³)* section (mm ³)* ref. 4 238 05 in (A) Cu Al section (mm ³)* section (mm ³)* ref. 4 238 05 in (A) Cu Al section (mm ³)* section (mm ³)* ref. 4 238 93 standard 16 2.5 4 6 32 6 10 16 2.5 10 16 2.5 10 16 2.5 10 35 10 35 125 50 \vee value val	DPX 160HP Inf. 4 238 73 Dimensions lin cage te section (mm ³)* Inf. 4 238 73 Dimensions lin cage te section (mm ³)* Inf. 4 238 73 Dimensions lin cage te section (mm ³)* Inf. 4 238 73 Dimensions lin cage te section (mm ³)* Inf. 4 238 73 Dimensions lin cage te section (mm ³)* Inf. 4 238 73 Inf. 4 210 49 Inf. 4 238 93 Standard Inf. 4 238 93 ref. 4 238 93 ref. 4 238 94 Ing. 4 238 94 The suggested cross section are in compliance with stand IC60947-1 (ed.6 2020/04) and IEC60947-2 (ed.5.1 2019/07) 8.7 Interlock mechanism (for fixed version DPX3 125/160 HP or 2 DPX3 250 HP) Interlock mechanism (for fixed version DPX3 160 HP and DPX3 250 HP) Interlock mechanism - standard version (for fixed version DPX3 160 HP and DPX3 250 HP) Interlock mechanism - for electronic module (for fixed version DPX3 160 HP and DPX3 250 HP) Interlock plate for DPX3 160 HP ref. 4 238 76	DPX 150HP IDEX 150HP In the subscript of cage terminal International Dimensions limits of call cage terminals International (International Cage terminals) International (International Cage termina

DPX³ 160 HP thermal magnetic circuit breakers

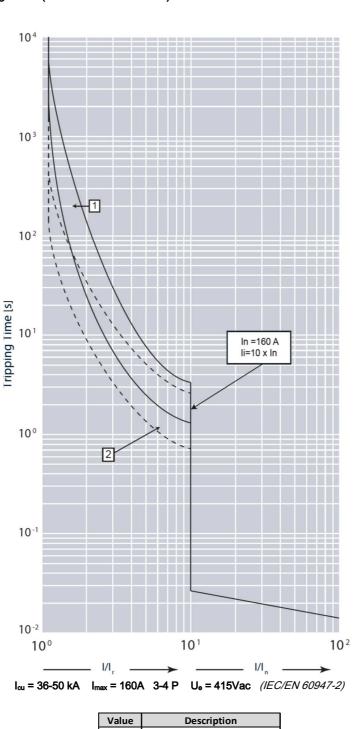
DPX³-I 160 HP switch disconnectors

Reference(s) : 4 237 20, 4 237 21, 4 237 25, 4 237 26, 4 237 30, 4 237 30, 4 237 35, 4 237 36, 4 237 88, 4 237 89

Update: 01/04/2022

9. CURVES

9.1.1 Thermal magnetic tripping curve (rated current $I_n \le 50A$)



 Value
 Description

 t
 time

 l
 current

 l_n
 rated current

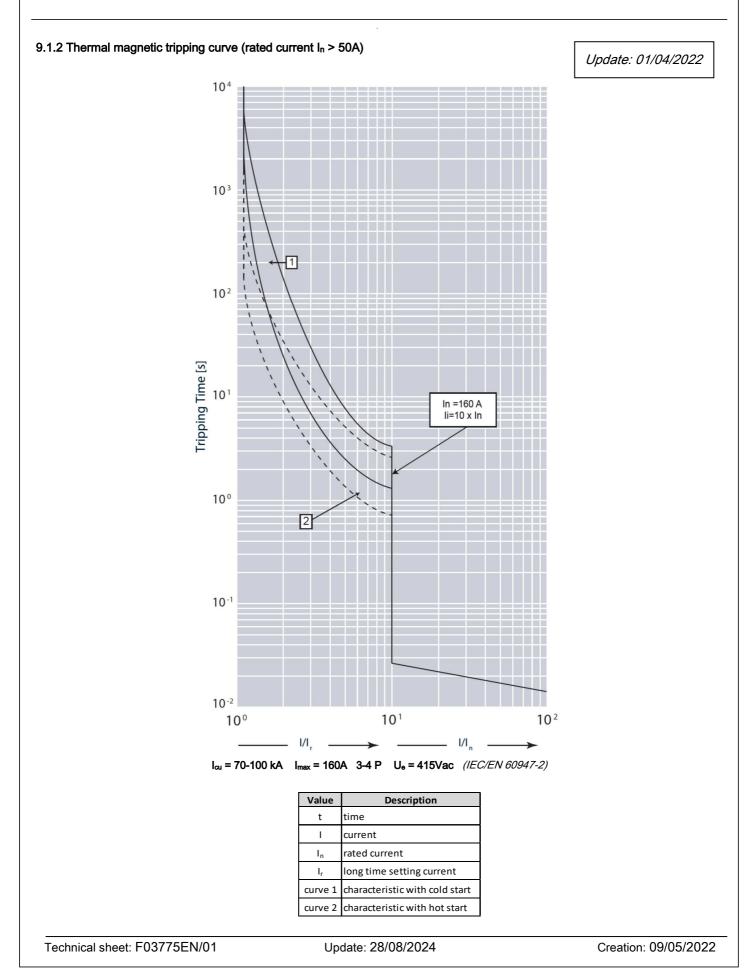
 l_r
 long time setting current

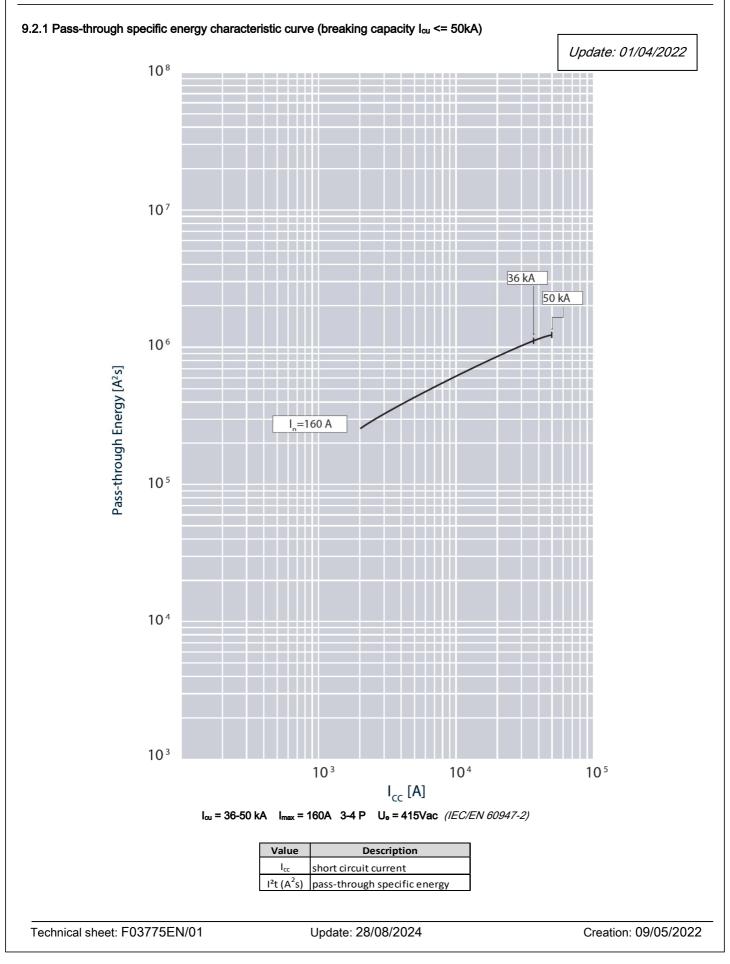
 curve 1
 characteristic with cold start

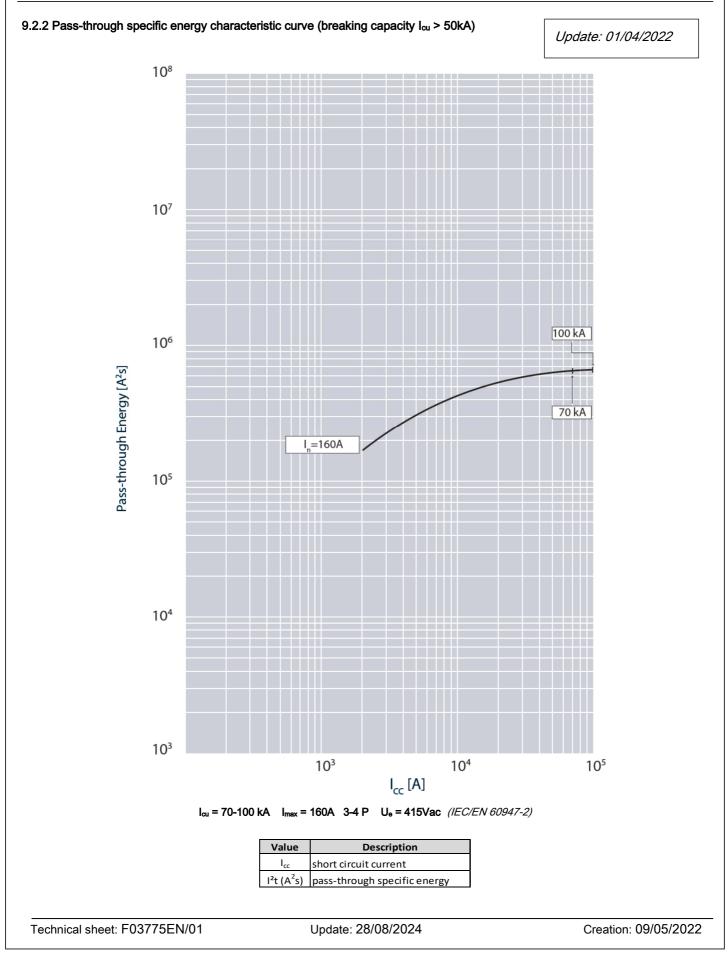
 curve 2
 characteristic with hot start

DPX³ 160 HP thermal magnetic circuit breakers

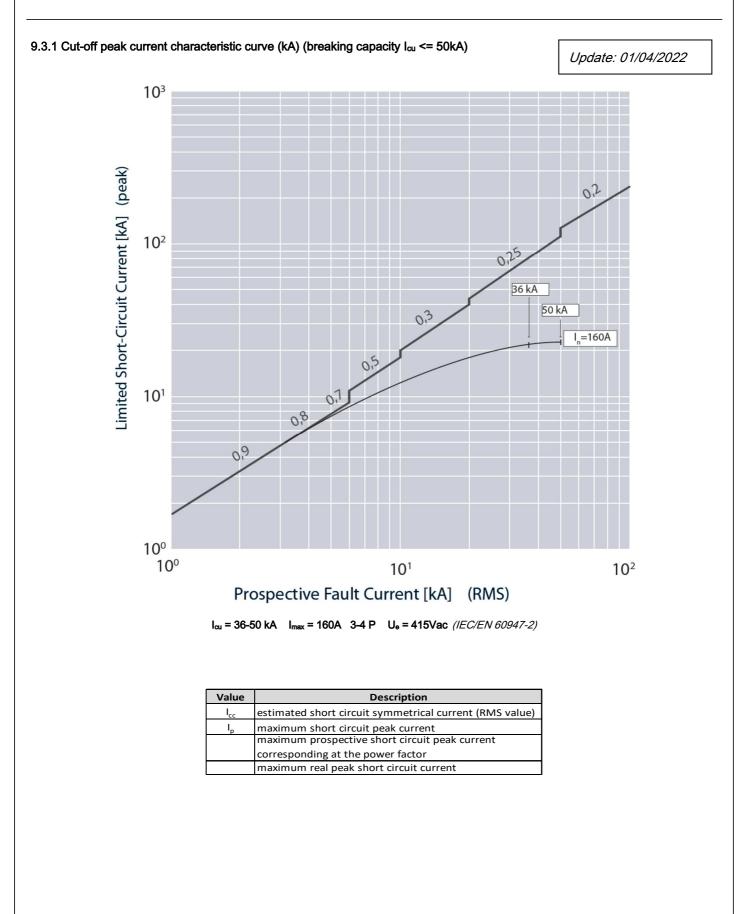
DPX³-I 160 HP switch disconnectors



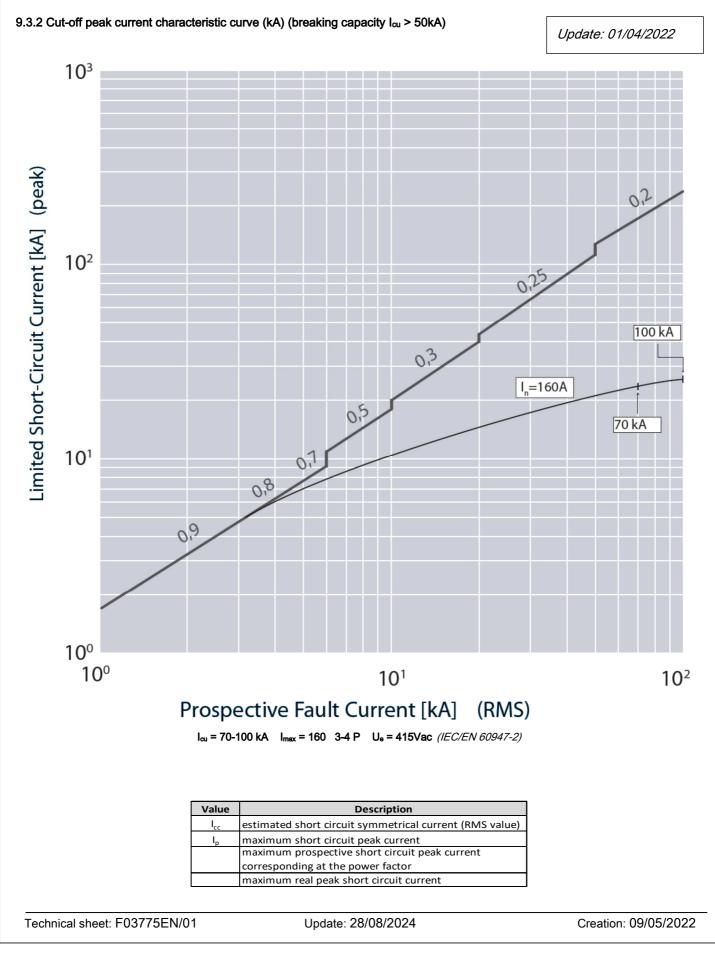




DPX³-I 160 HP switch disconnectors



DPX³-I 160 HP switch disconnectors



Reference(s) : 4 237 20, 4 237 21, 4 237 25, 4 237 26, 4 237 30, 4 237 30, 4 237 35, 4 237 36, 4 237 88, 4 237 89

A) Derating Temperature and configurations

	Ambient temperature									
	30	°C	40	°C	50	°C	60	°C	70	°C
Fixed version	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n	I _{max} (A)	I _r / I _n
Cage terminals, flexible cable	166	1.04	160	1	160	1	146	0.91	138	0.86
Cage terminals, rigid cable	166	1.04	160	1	160	1	146	0.91	138	0.86
Lugs, flexible cable	166	1.04	160	1	160	1	146	0.91	138	0.86
Lugs, rigid cable	166	1.04	160	1	160	1	146	0.91	138	0.86
Spreaders, flexible cable	166	1.04	160	1	160	1	146	0.91	138	0.86
Spreaders, rigid cable	166	1.04	160	1	160	1	146	0.91	138	0.86
Rear flat terminals, flexible cable	166	1.04	160	1	160	1	146	0.91	138	0.86

3 poles in series *

250 V

10

10

For further technical information, please contact Legrand technical support.

2 poles in series *

110 V

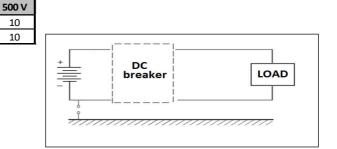
250 V

110 V

B) Use in DC

I_{cu} (kA)

B.1 Circuit breakers: breaking capacity in DC (kA) (values estimates only)



Applied to DC networks insulated from the ground

(this diagram applies to both 3P and 4P circuit breakers):

36 160 35 36 35 10 35 10 50 160 35 50 35 10 35 10

60 V

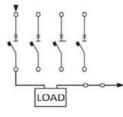
DC breaking capacity in the table respect the standards. The positive tolerance is between 0% to 5% of voltage status

1 pole *

60 V

In (A)

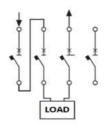
* Connection modality of the DC breaker:



LOAD

1 pole





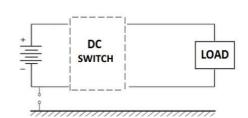
3 poles in series

Reference(s) : 4 237 20, 4 237 21, 4 237 25, 4 237 26, 4 237 30, 4 237 30, 4 237 35, 4 237 36, 4 237 88, 4 237 89

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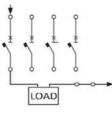
B.2 Switch disconnectors: category of use

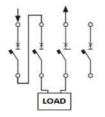
	1 pole *	2 poles i	n series *	3 poles in series *	4 poles in series *
I _n (A)	60 V	110 V	250	500 V	750 V
125	DC23	DC23	DC23	DC23	DC23

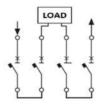


Applied to DC networks insulated from the ground

* <u>Connection modality for DC switch disconnectors (polarity can be inverted)</u>:







1 pole

2 poles in series

3 poles in series

4 poles in series

Data indicated in this document refers exclusively to test conditions according to product standards, unless otherwise indicated in the documentation.

For the different conditions of use of the product, inside electrical equipment or in any case inserted in the installation context, refer to the regulatory requirements of the equipment, local regulations and design specifications of the system