

87045 LIMOGES Cedex

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DPX³ 250 HP thermal magnetic with earth leakage circuit breakers DPX³-I 250 HP switch disconnectors with earth leakage

Reference(s):

from 4 230 45 to 4 230 57;

from 4 231 05 to 4 231 17;

4 231 83:



CONTENTS	PAGES
1. USE	1
2. RANGE	1
3. DIMENSIONS AND WEIGHTS	1
4. OVERVIEW	5
5. ELECTRICAL CONNECTIONS	5
6. ELECTRICAL AND MECHANICAL	
CHARACTERISTICS	7
7. CONFORMITY	9
8. EQUIPMENTS AND ACCESSORIES	10
9. CURVES	13

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

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 ³ 250 HP + earth leakage						
	36 kA 50 kA						
I _n (A)	4	P					
16	423045	423105					
20	423046	423106					
25	423047	423107					
32	423048	423108					
40	423049	423109					
50	423050	423110					
63	423051	423111					
80	423052	423112					
100	423053	423113					
125	423054	423114					
160	423055	423115					
200	423056 423116						
250	423057 423117						

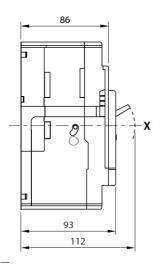
Switch disconnectors

DPX ³ -I 250 HP + earth leakage					
I _n (A)	4P				
250	423183				

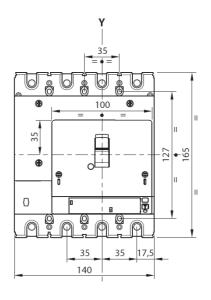
3. DIMENSIONS AND WEIGHTS

3.1 Dimensions

Lateral view



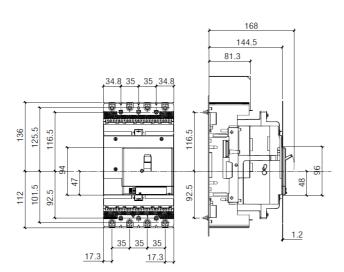
Frontal view



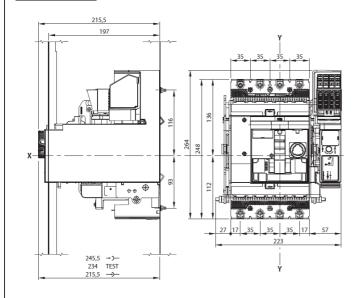
Technical sheet: F03043EN/03 Update: 30/06/2024 Creation: 28/10/2019

Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83;

Plug-in version

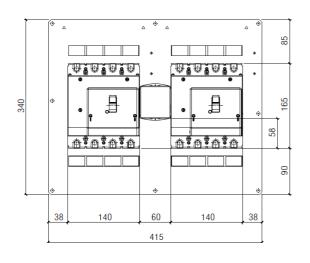


Draw-out version

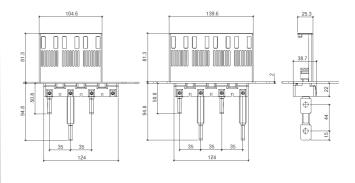


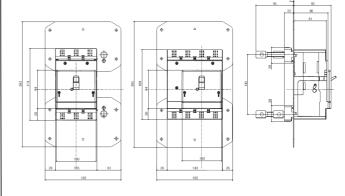
Interlock

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

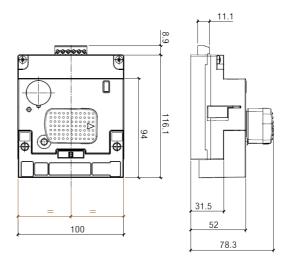


Rear terminals

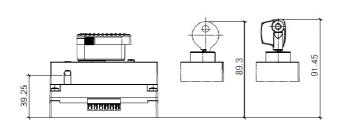


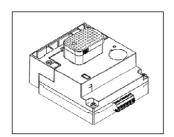


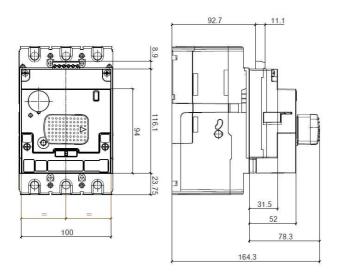
Direct rotary handle



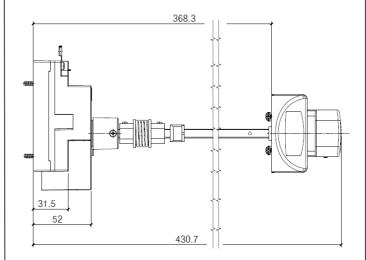
Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83;

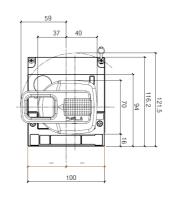


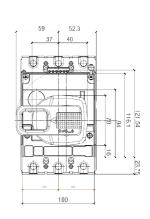


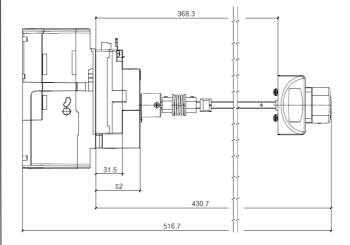


Vari-depth rotary handle







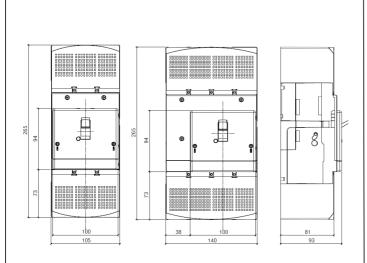


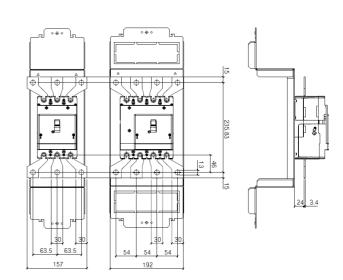
Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83;

Spreaders

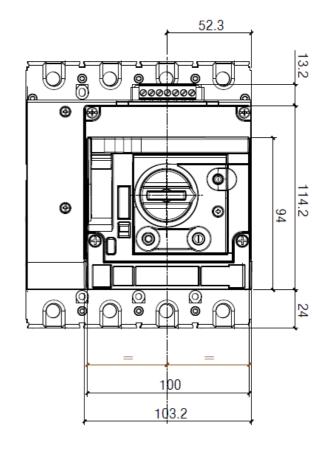
Sealable terminal shields

104.6



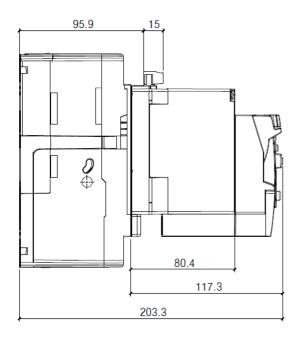


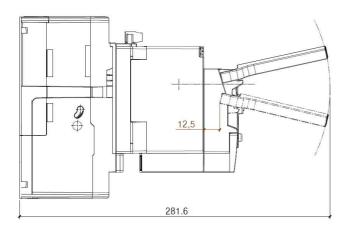


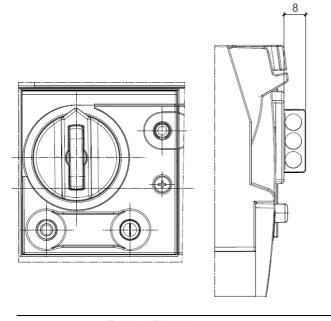


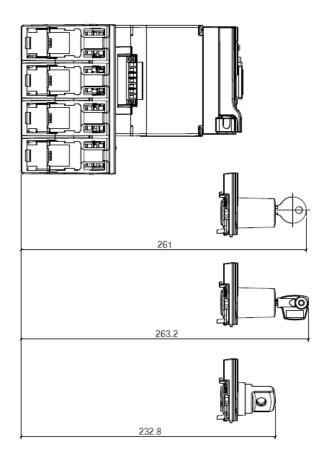
Technical sheet: F03043EN/03 Update: 30/106/2024 Creation: 28/10/2019

Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83;









3.2 Weights

	Weights (Kg)
Configuration	4P
Circuit breaker/switch disconnector	2.6
Plug-in*	3.5
Draw-out**	2.5
Interlock*	0.35
Rear interlock (for plug-in/draw-out version)*	5
Motor operator*	1
* to add to device weight	
* to add to device and plug-in weights	-

4. OVERVIEW

4.1 Supplied with:

- 4 fixing screws
- 8 screws for connections
- 3 phase insulators

5. ELECTRICAL CONNECTIONS

5.1 Mounting possibilities

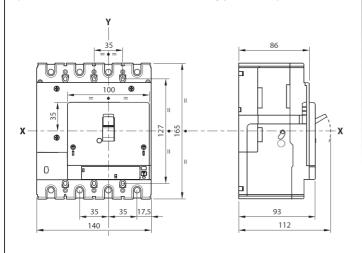
On plate:

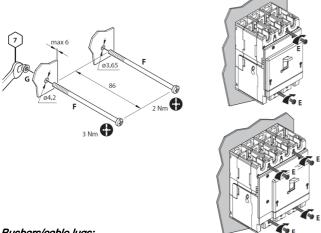
- Vertical
- Horizontal
- Supply invertor type

Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83;

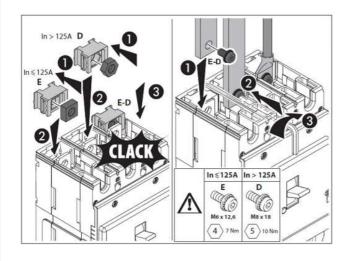
5.2 Mounting

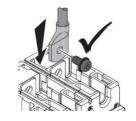
(see instruction sheet for detailed mounting procedures)

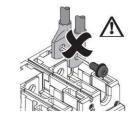




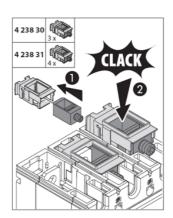
Busbars/cable lugs:

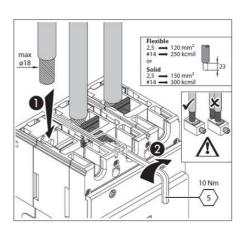






Cables:





Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83;

6. ELECTRICAL AND MECHANICAL CHARACTERISTICS

Circuit breaker

Circuit Breaker	DPX ³ 250 HP + RCD F/N					
Circuit Breaker	(36kA, 50kA)					
Rated current (A)	16-20-25-32-40-50-63-80-100-125-160-200-250					
Poles	4					
Pole pitch (mm)	35					
Rated insulation voltage (50/60Hz) U _I (V)	500					
Rated operating voltage (50/60Hz) U _e (V)	500					
Rated impulse withstand current U _{Imp} (kV)	6					
Rated frequency (Hz)	50 - 60					
Reference ambient temperature(°C)	40 - 50					
Operating temperature (°C)	-25 ÷ 70					
Mechanical endurance (cycles)	12000					
Mechanical endurance with motor control (cycles)	12000					
Electrical endurance at In (cycles)	6000					
Electrical endurance at 0.5 In (cycles)	6000					
Utilization category	A					
Suitable for isolation	Yes					
Type of protection	Thermal-magnetic					
Thermal adjustment I _r	0,8 - 0,9 - 1 x I _n					
	400 A up to In=40A (not adjustable);					
Magnetic adjustment I _I (A)	6,5-10-13 x l _n for ln=50A;					
	5-7,5-10 x I _n up to =250A;					
Neutral protection for 4P (%Ith of phase	100					
pole)						
Earth leakage type	A - Integrated					
Adjustable sensitivity (A)	0.03- 0.3 - 1 -3					
Adjustable tripping (s)	0 - 0.3 - 1 - 3 (with 0.03 possible only 0s)					
Dimensions (W x H x D) (mm)	140 x 165 x 86 (4P)					

Switch disconnectors

SWITCH disconnectors	
Switch	DPX ³ -I 250 HP
Uninterrupted nominal current I _e (A)	250
Short-time resistive current I _{cw} (kA) for 1s	3
Rated short-circuit making capacity I _{cm} (kA)	4.3
Rated insulation voltage U _I (V AC)	500
Maximum rated operating voltage U _o (V AC)	500 (@ AC22A) - 415 (@ AC23A)
Rated impulse withstand voltage U _{Imp} (kV)	8
Utilisation category	AC22A (I _n =250A)
Suitable for isolation	Yes
Nominal frequency (Hz)	50-60
Operating temperature (°C)	-25 ÷ 70
Mechanical endurance (cycles)	12000
Mechanical endurance with motor control (cycles)	12000
Electrical endurance at I _n (cycles)	6000
Electrical endurance at 0.5 In (cycles)	6000
Dimensions (W x H x D) (mm)	140 x 165 x 86 (4P)

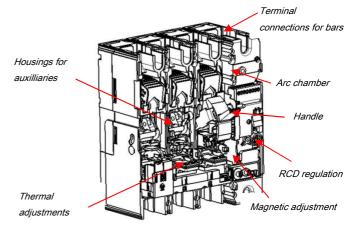
The maximum admissible (absolute) temperature is 125°C (for detail, see IEC 60947-1 and 60947-2).

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.

6.1 Main parts constituting the circuit breaker



6.2 Breaking capacity (kA)

		Breaking capacity (kA) & Ics						
		4P						
	U _e /I _{cu} (I _{cu} letter)	36kA (F)	50kA (N)					
	220/240 V AC	70	90					
	380/415 V AC	36	50					
IEC 60947-2	440/460 V AC	25	30					
	480/500 V AC	16	18					
	I _{cs} (% I _{cu})	100	100					
	Rated making capacity under short circuit I _{cm}							
	I _{cm} (kA) at 415V	76.5	105					
NEMA AB-1	220/240 V AC	70	90					
INCIVIA AB-1	480/500 V AC	16	18					

6.3 Rated current (In) at 40°C / 50°C

	Phases limit trip current							
	therm	nal (I _r)	magn	etic (I _i)				
In (A)	0.8 x I _n	1 x In	min	max				
16	13	16	400	400				
20	16	20	400	400				
25	20	25	400	400				
32	26	32	400	400				
40	32	40	400	400				
50	40	50	325	650				
63	51	63	315	630				
80	64	80	400	800				
100	80	100	500	1000				
125	100	125	625	1250				
160	128	160	800	1600				
200	160	200	1000	2000				
250	200	250	1250	2500				

6.3 Load operations

Force on handle	N
Opening operation	63,5
Closing operation	66
Restore operation	86,5

Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83;

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

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 In

Circuit breaker

	Power losses per pole (W)												
In (A)	16	20	25	32	40	50	63	80	100	125	160	200	250
Cage terminals	3.29	4.91	5.87	5.49	8.44	6.33	10.39	7.94	8.55	14,00	12.98	16.38	23.33
Lugs	3.01	4.49	7.01	5.02	7.71	5.78	9.49	7.25	7.81	12.79	11.86	14.96	21.31
Spreaders	2.53	3.78	4.52	4.22	6.49	4.87	7.99	6.11	6.58	10.77	9.98	12.6	17.95
Rear terminals	3.1	4.63	5.54	5.17	7.95	5.97	9.79	7.48	8.06	13.19	12.23	15.43	21.99

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)
	I _n (A)
	250
Cage terminals	14.84
Lugs	13.55
Spreaders	11.41
Rear terminals	13.98

Note: power losses 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.

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.

I _n (A)	0	10	20	30	40	50	60	70
16	18	17	17	16	16	16	15	14
20	22	22	21	20	20	20	19	17
25	28	27	26	26	25	25	23	21
32	35	35	35	33	32	32	30	27
40	44	43	42	41	40	40	37	34
50	55	54	53	51	50	50	47	43
63	69	68	67	64	63	63	59	54
80	88	86	86	82	80	80	74	68
100	110	108	105	102	100	100	93	85
125	138	135	131	128	125	125	116	106
160	176	173	168	163	160	160	149	136
200	258	244	230	215	200	200	180	170
250	322	305	287	269	250	250	225	213

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 250 HP circuit breakers, degree 3, according to IEC/EN 60947-

6.6.3 Altitude

Altitude derating for DPX 3 and DPX 3 –I with RCD

Altitude (m)	2000	3000	4000	5000
U _e (V)	500	430	380	330
I_n (A) ($T_a = 40^{\circ}\text{C}/50^{\circ}\text{C}$)	1 x I _n	0.98 x I _n	0.93 x I _n	0.9 x I _n

Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17;

7. CONFORMITY

DPX³ HP range of product concerning circuit-breakers and switch-disconnectors 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.

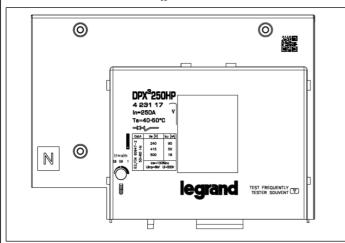
For specific information, please contact Legrand support.

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:

Product laser label on front

- -Manufacturer responsible
- -Denomination, type product, code
- -Standard conformity
- -Standard characteristics declared
- -Coloured identification of Icu at 415V



Product sticker label on side

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

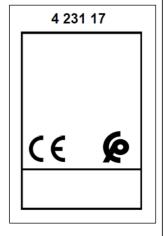


Mark sticker label on side

-Product code

4 231 83:

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



Packaging sticker label

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







Made in Italy

Design and Quality by LEGRAND (France)

LEGRAND - Pro and Consumer Service - BP 30076

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- Disjoncteur + diff
- Circ.breaker +earth leak.
- · Interrupt.automàt.+diff
- Дифференциальный авт.вык
- 具有剩余电流保护的断路器
- قاطع الدائرة + تسرب الأرض In=250A 4P Icu 50kA IEC/EN 60947-2

Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83:

8. EQUIPMENTS AND ACCESSORIES

8.1 Releases (for DPX3 125/250 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:

ref. 4 210 18
ref. 4 210 19
ref. 4 210 20
ref. 4 210 21
ref. 4 210 22
ref. 4 210 23
ref. 4 210 24
ref. 4 210 25

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

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

• time-lag undervoltage releases (800 ms)

Time-lag modules with voltage:

 230 V ac
 ref. 0 261 90

 400 V ac
 ref. 0 261 91

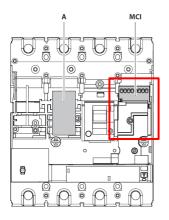
Release *ref. 4 210 98*

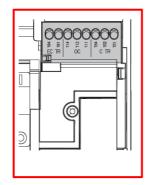
(to be equipped with a time-lag module 0 261 90/91)

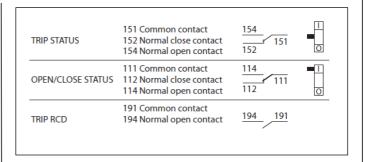
8.2 Auxiliary contacts

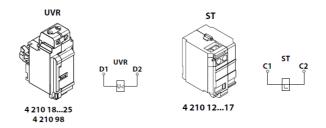
For version of DPX³ 250 HP thermal magnetic, with earth leakage module, auxiliary contacts are integrated inside module M.C.I (see instruction sheet for details).

Here a connection scheme to get auxiliary functionality:









	Α
UVR	✓
ST	✓

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
- motor operator
- plug-in mechanism
- draw-out mechanism

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

Reference(s):

from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83:

8.3 Rotary handles

Direct on DPX3 (with auxiliary option)

Standard (black) ref. 4 238 00
For emergency use (red / yellow) ref. 4 238 01

Vari-depth handle IP55 (with auxiliary option)

Standard (black) ref. 4 238 02
 For emergency use (red / yellow) ref. 4 238 03

Locking accessories (for rotary handle with auxiliary option)

Key lock accessory for direct rotary handle ref. 4 238 04

• Key lock accessory for vari-depth rotary handle ref. 4 238 05 (ref. 4 238 05 is compatible with DPX³ 125 HP also)

Ref. 4 238 04 and 4 238 05 must be used with universal keylocks to get the complete locking kit for rotary handle

8.4 Motor operators

For synchronized operations (energy storage type):

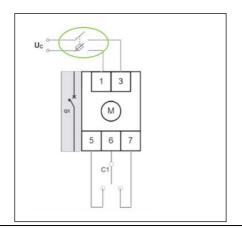
24 Vac and dc
 48 Vac and dc
 110 Vac
 230 Vac
 ref. 4 238 40
 ref. 4 238 41
 ref. 4 238 42
 ref. 4 238 43

Technical parameters:

Voltage	Property	Α	.c	DC		
voitage	Property	Opening	Closing	Opening	Closing	
	Maximum inrush power (VA)	75	430	55	320	
24)/ /	Rated power (VA)	45	-	20	-	
24V ac/dc	Absorption time (s)	2.8	0.01	3.3	0.01	
	Operating current time (s)	1.1	0.03	1.2	0.03	
	Maximum inrush power (VA)	85	1000	70	690	
48V ac/dc	Rated power (VA)	65	1	15	-	
46V ac/uc	Absorption time (s)	3.3	0.006	3.8	0.006	
	Operating current time (s)	1.1	0.02	1.3	0.02	
	Maximum inrush power (VA)	95	600	-	-	
110V ac	Rated power (VA)	60	-	-	-	
110V ac	Absorption time (s)	3	0.02	-	-	
	Operating current time (s)	1.0	0.03	-	-	
2201/	Maximum inrush power (VA)	125	460	-	-	
	Rated power (VA)	70	1	-	-	
230V ac	Absorption time (s)	2.5	0.08	-	-	
	Operating current time (s)	0.9	0.03	-	-	

It is necessary to foresee a protection device (e.g. fuse) along the motor operator power line. The correct size of the fuse depends on the motor version and on the number of users.

Here a schematic example:



Locking accessory (for motor operator)

Padlock (for motor operator locking) ref. 4 238 46
 Key lock accessory for motor operator ref. 4 238 45

Ref. 4 238 45 must be used with universal keylocks to get the complete locking kit for motor operator

8.6 Mechanical accessories

Padlock (for locking in "OPEN" position) ref. 4 210 49
 (ref. 4 210 49 is compatible with DPX3 125 HP and DPX3 160/250)

Sealable terminal shields:

o Set of 3 (for 4P) ref. 4 238 24

Insulated shields:

o Set of 3 (for 4P) ref. 4 238 35

(ref. 4 238 34/35 are compatible with DPX3 125 HP also)

8.7 Connection accessories

Cage terminals

 Set of 4 terminals for cables 150 mm² max (rigid) ref. 4 238 31 or 120 mm² max (flexible) Cu/Al

Spreaders (incoming or outcoming):

Set of 4 (for 4P) *ref. 6 250 18*

Rear terminals (incoming or outcoming):

• Set of 4 (for 4P) ref. 4 238 22

Cage terminal use specifications

DPX ³ 250HP									
Type of cage	sugg	le stand gested c ion (mn	ross	Dimensions limits of cable for cage terminals					
terminal				MIN		MAX			
	In (A)	Cu	Al	section		section (mm²)			
			l	Flexible	Rigid	Flexible	Rigid		
	16	2,5	4				150		
	20	2,5	4						
	25	4	6						
	32	6	10						
	40	10	16						
	50	10	16						
Standard	63	16	25	2,5	2,5	120			
	80	25	35						
	100	35	50						
	125	50	70						
	160	70	\						
	200	95	\						
	250	120	\						

^{*} The suggested cross section are in compliance with standard IEC60947-1 (ed.6 2020/04) and IEC60947-2 (ed.5.1 2019/07)

Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17;

8.8 Plug-in version

(A plug-in is a DPX 3 250 HP fitted with special terminals and mounted on a plug-in base)

Bases

(for plug-in and draw-out versions for DPX3 250 HP and DPX3-I 250 HP)

•	Plug-in/draw-out base for 3P	ref. 4 238 50
•	Plug-in/draw-out base for 4P	ref. 4 238 51
•	Plug-in/draw-out mobile part kit for 3P	ref. 4 238 52
•	Plug-in/draw-out mobile part kit for 4P	ref. 4 238 53

Plug-in accessories

Locking accessory (for plug-in)

Key lock accessory for plug-in
 ref. 4 238 63

Ref. 4 238 63 must be used with universal keylocks to get the complete locking kit for plug-in version

8.9 Draw-out version

4 231 83:

(A DPX³ 250 HP draw-out version is a plug-in DPX³ 250 HP fitted with a "Debro-lift" mechanism which can be used to withdraw the breaker while keeping it on its base)

"Debro-lift" mechanism

(supplied with a rigid slide and handle for drawing-out)

• transformation kit for 4P ref. 4 238 61

Fontal masks for draw-out version

(to provide in addition to debro-lift mechanism according to accessory mounted)

- Frontal module, with frontal mask (3P and 4P) ref. 4 238 55 (if neither motor operator nor rotary handle are mounted)
- Frontal mask for motor operator (3P and 4P) ref. 4 238 56

Locking accessory (for draw-out)

Ref. 4 238 62 must be used with universal keylocks to get the complete locking kit for draw-out version

Auxiliary contacts

Automatic auxiliary contacts for draw-out version
 6 contact connector (under sliding contacts)
 ref. 4 222 30
 ref. 0 098 19

(Ref. 0 098 19 can be used with both plug-in and draw-out version)

8.10 Interlock mechanism

(for interlocking 2 DPX3 125 HP or 2 DPX3 250 HP breakers)

No frame mixing in interlock mechanism

- Interlock mechanism standard version ref. 4 238 27 (for fixed version DPX³ 125 HP and DPX³ 250 HP)
- Interlock mechanism for electronic module ref. 4 238 28 (for fixed version DPX³ 125 HP and DPX³ 250 HP)
- Interlock plate for DPX³ 250 HP ref. 4 238 26
- Rear interlock mechanism ref. 4 238 29
 (for DPX³ 250 HP plug-in and/or draw-out version)

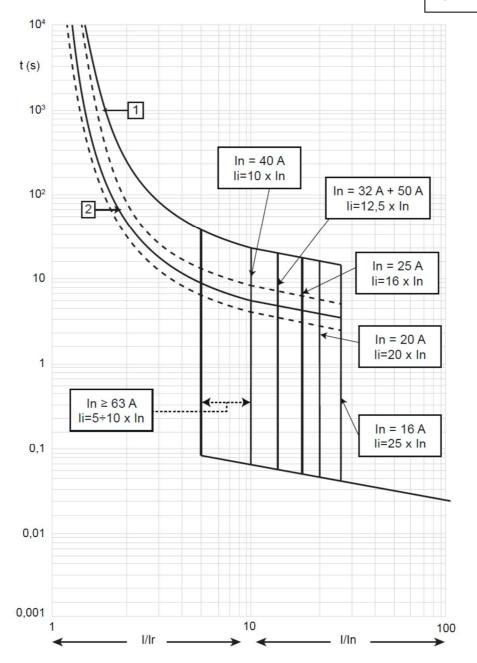
 If used ref. 0 098 19, maximum 1 set

Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83;

9. CURVES

9.1 Thermal magnetic tripping curve

Update: 11/06/2019



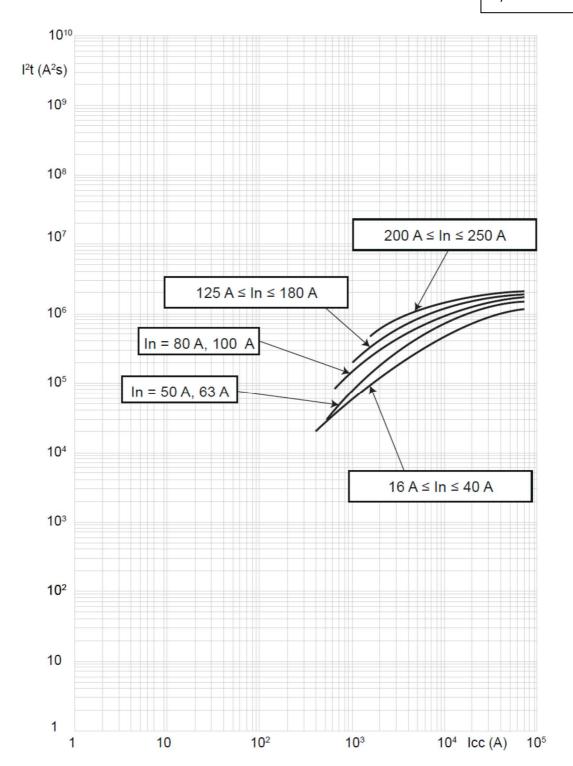
 I_{cu} = 36-50 kA I_{max} = 250A 4 P U_e = 415Vac (IEC/EN 60947-2)

Value	Description
t	time
I	current
In	rated current
l _r	long time setting current
curve 1	characteristic with cold start
curve 2	characteristic with hot start

Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83;

9.2 Pass-through specific energy characteristic curve

Update: 11/06/2019

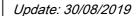


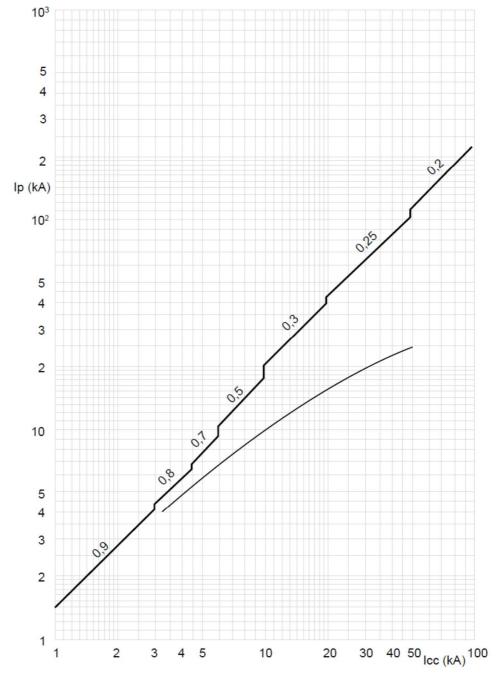
 I_{cu} = 36-50 kA I_{max} = 250A 4 P U_{e} = 415Vac (IEC/EN 60947-2)

Value Description					
	I _{cc}	short circuit current			
	I ² t (A ² s)	pass-through specific energy			

Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83;

9.3 Cut-off peak current characteristic curve (kA)



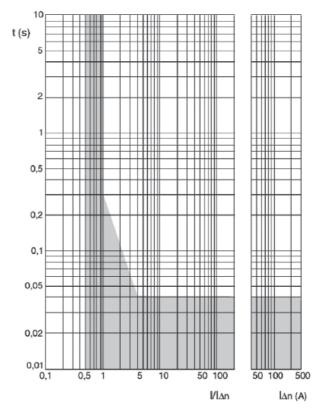


 $I_{cu} = 36-50 \text{ kA}$ $I_{max} = 250 \text{A}$ 4 P $U_{e} = 415 \text{Vac}$ (IEC/EN 60947-2)

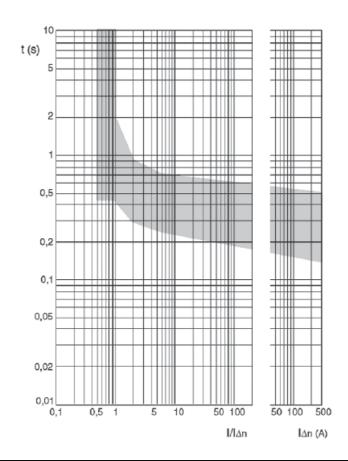
Value	Description						
I _{cc}	estimated short circuit symmetrical current (RMS value)						
I _p	maximum short circuit peak current						
	maximum prospective short circuit peak current						
	corresponding at the power factor						
	maximum real peak short circuit current						

Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83;

9.4.1 Earth leakage curves, instantaneous

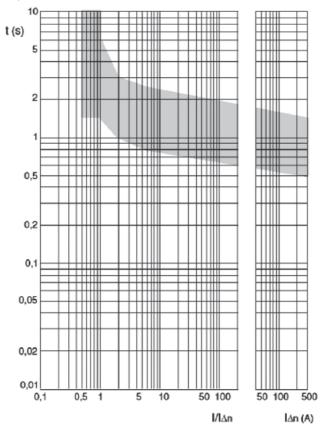


9.4.2 Earth leakage curves, time delay = 0.3 s

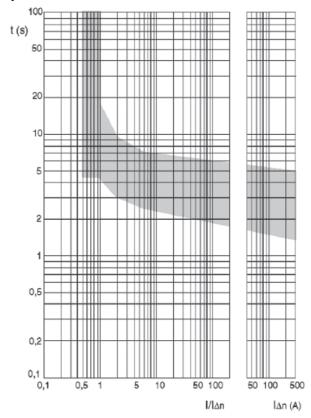


Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83;

9.4.3 Earth leakage curves, time delay = 1 s



9.4.4 Earth leakage curves, time delay = 3 s



Reference(s): from 4 230 45 to 4 230 57; from 4 231 05 to 4 231 17; 4 231 83;

A) Derating Temperature and configurations

	Ambient temperature									
	30 °C		40 °C		50 °C		60 °C		70 °C	
Fixed version		I_r / I_n	I _{max} (A)	I_r / I_n						
Cage terminals, flexible cable	250	1	250	1	250	1	255	0.90	213	0.85
Lugs, flexible cable	250	1	250	1	250	1	238	0.95	255	0.90
Spreaders, flexible cable	250	1	250	1	250	1	238	0.95	255	0.90
Draw-out 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	250	1	255	0.90	255	0.90	213	0.85	188	0.75

For further technical information, please contact Legrand technical support.

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