

DPX³ 160 HP thermal magnetic circuit breakers

DPX³-I 160 HP trip-free switches

Cat.Nos:

4 237 20 - 4 237 21 - 4 237 25 - 4 237 26

4 237 30 - 4 237 35 - 4 237 36 - 4 237 88 - 4 237 89



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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

■ 2.1 DPX³ 160 HP thermal magnetic circuit breaker

Icu	36 kA		50 kA	
In (A)	3P	4P	3P	4P
160	4 237 20	4 237 21	4 237 25	4 237 26

Icu	70 kA		100 kA	
In (A)	3P	4P	3P	4P
160	4 237 30	4 237 31	4 237 35	4 237 36

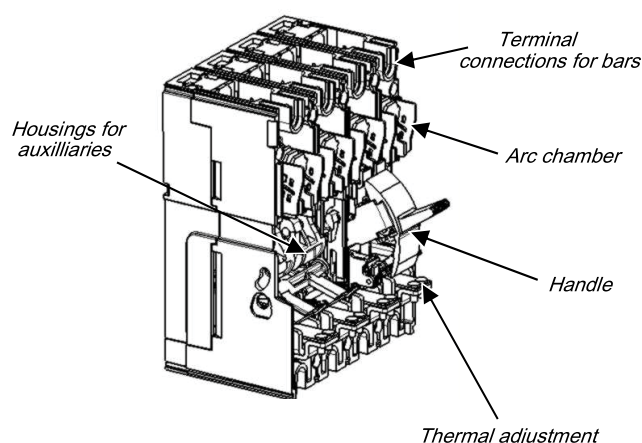
■ 2.2 DPX³-I 160 HP trip-free switch

In (A)	3P	4P
160	4 231 88	4 231 89

■ 2.3 Composition

DPX³ 160 HP thermal magnetic is 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)



3. TECHNICAL CHARACTERISTICS

■ 3.1 Electrical characteristics

DPX ³ 160 HP thermal magnetic circuit breakers	
Rated current	160 A
Poles	3P - 4P
Pole pitch	25 mm
Rated insulation voltage (50/60Hz) Ui	800 V
Rated operating voltage (50/60Hz) Ue	690 V
Rated impulse withstand current Uimp	8 kV
Rated frequency	50 Hz - 60 Hz
Reference ambient temperature	40 °C - 50 °C
Operating temperature	-25 °C to 70 °C
Electrical endurance at In (cycles)	8000
Utilization category	A
Suitable for isolation	Yes
Type of protection	Thermal-magnetic
Thermal adjustment Ir	0.8 - 0.9 - 1 x In
Magnetic adjustment Ii (A)	In = 1600 A (not adjustable)
Neutral protection for 4P (%Ith of phase pole)	100
Reverse feed	Yes

3. TECHNICAL CHARACTERISTICS (continued)**■ 3.1 Electrical characteristics (continued)**

DPX ³ -I 160 HP trip-free switches	
Uninterrupted nominal current I _e	160 A
Short-time resistive current I _{cs} for 1s	1.5 kA
Rated short-circuit making capacity I _{cm}	2.5 kA
Rated insulation voltage U _i	800 V~
Maximum rated operating voltage U _e	690 V~
Rated impulse withstand voltage U _{imp}	8 kV
Utilisation category	AC23A
Suitable for isolation	Yes
Rated frequency (Hz)	50 Hz - 60 Hz
Operating temperature	-25 °C to 70 °C
Electrical endurance at I _n (cycles)	8000
Reverse feed	Yes

The maximum temperature allowed on power terminals is 125 °C (absolute). For details, see IEC 60947-1 and 60947-2.

Trip-free switches category (for use in DC)

	1P*	2P in series*	3P in series*	4P in series*
I _n (A)	60 V	110 V	250 V	500 V
125	DC23			

*See page 6 for Connection modality of the DC trip-free switches

Breaking capacity (3P and 4P)

Breaking capacity (kA) & Ics						
IEC 60947-2	Ue	Icu				
		36 kA	50 kA	70 kA	100 kA	
	240 V~	70	90	100	150	
	415 V~	36	50	70	100	
	500 V~	12	16	20	25	
	690 V~	5	6	10	12	
	250 V=	10				
	Ics (% Icu)	100				
	Rated making capacity under short circuit Icm					
	Icm (kA) at 415 V	76.5	105	154	220	

Breaking capacity in DC (kA) (estimated values)

Breaking capacity in kA, (estimated value),								
		1P*	2P in series *			3P in series *		
I _{cu}	I _n (A)	60 V	60 V	110 V	250 V	110 V	250 V	500 V
36 kA	160	35	50	35	10	35	20	10
50 kA								

*See page 5 for Connection modality of the DC breaker.

DC breaking capacity in the table respect the standards.

The positive tolerance is between 0 % to 5 % of voltage status

Rated current (I_n) 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

■ 3.2 Mechanical characteristics

Mechanical endurance (cycles): 20000

Load operations

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

■ 3.3 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, the installer must take into account the weight of the conductors so that it does not affect the electrical junction between the conductor itself and the connection point.

■ 3.4 Power losses per pole under I_n (W)

Circuit breakers (I _{cu} ≤ 50 kA)	
I _n (A)	160
Lugs	15.62
Cage terminals	16.94
External terminals	16.94
Spreaders	16.94
Rear terminals	16.94
Plug-in version	28.42

Circuit breakers (I _{cu} > 50 kA)	
I _n (A)	160
Lugs	16.64
Cage terminals	18.05
External terminals	18.05
Spreaders	18.05
Rear terminals	18.05
Plug-in version	29.44

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.

3. TECHNICAL CHARACTERISTICS (continued)**■ 3.4 Power losses per pole under I_n (W) (continued)**

Trip-free switches	
I_n (A)	160
Lugs	12.80
Cage terminals	13.89
External terminals	13.89
Spreaders	13.89
Rear terminals	13.89
Plug-in version	25.60

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

4. INSTALLATION RULES

According to IEC/EN 60947-1.

Temperature deratings

Rated current and its 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 T_a (°C)											
I_n (A)	-20	-10	-5	0	10	20	30	40	50	60	70
160	201	193	189	187	179	173	166	160	160	146	138

For derating temperature with other configurations, see table below.

Ambient temperature	30 °C		40 °C		50 °C		60 °C		70 °C	
	I_{max} (A)	I_r / I_n	I_{max} (A)	I_r / I_n	I_{max} (A)	I_r / I_n	I_{max} (A)	I_r / I_n	I_{max} (A)	I_r / I_n
Cage terminals, flexible/rigid cable	166	1.04	160	1	160	1	146	0.91	138	0.86
Lugs, flexible/rigid cable										
Spreaders, flexible/rigid cable										
Rear terminals, flexible cable										

For further technical information, please contact Legrand technical support.

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

Electromagnetic disturbances (EMC): for DPX³ 160 HP circuit breakers, according to IEC/EN 60947-2 Annex F.

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

Altitude

Altitude derating for DPX³ and DPX³-I

Altitude (m)	2000	3000	4000	5000
U_e (V)	690	590	520	460
I_n (A) ($T_a = 40\text{ °C} / 50\text{ °C}$)	$1 \times I_n$	$0.98 \times I_n$	$0.93 \times I_n$	$0.9 \times I_n$

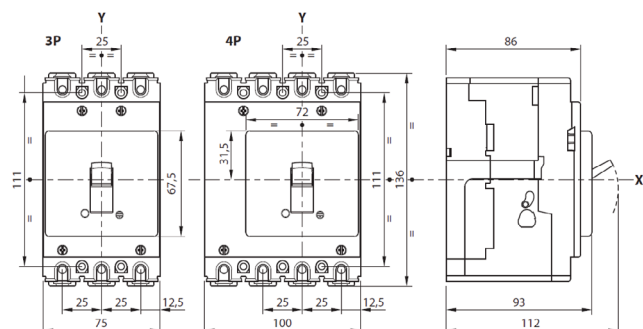
5. DIMENSIONS AND WEIGHT

■ 5.1 Dimensions (mm)

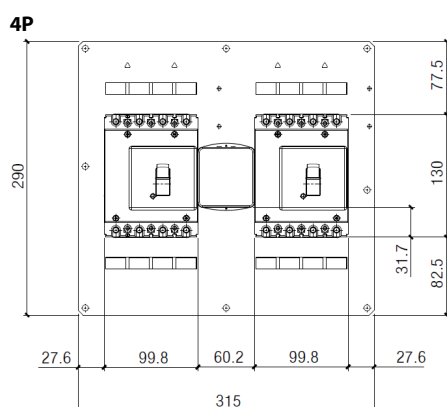
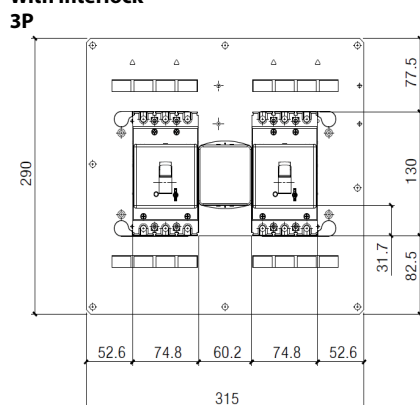
3P (W x H x D): 75 x 135 x 86

4P (W x H x D): 100 x 135 x 86

Device without accessories

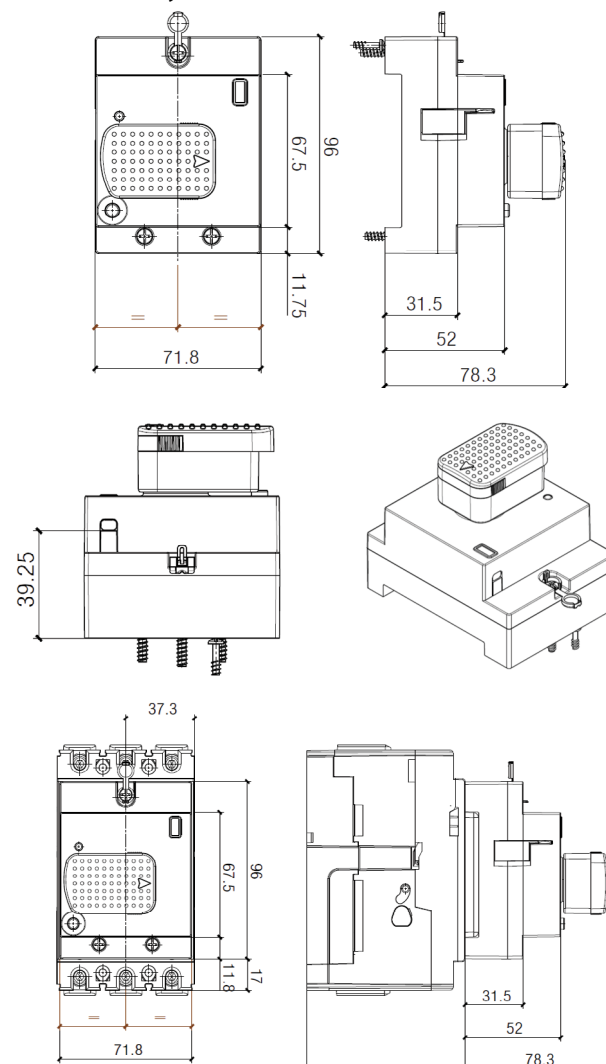


With interlock

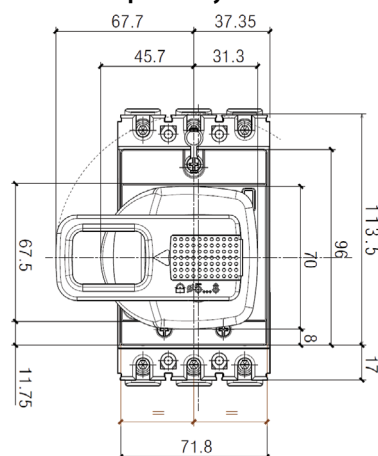


For rear plate interlock dimension, see relative instruction sheet.

With direct rotary handle



With vari-depth rotary handle

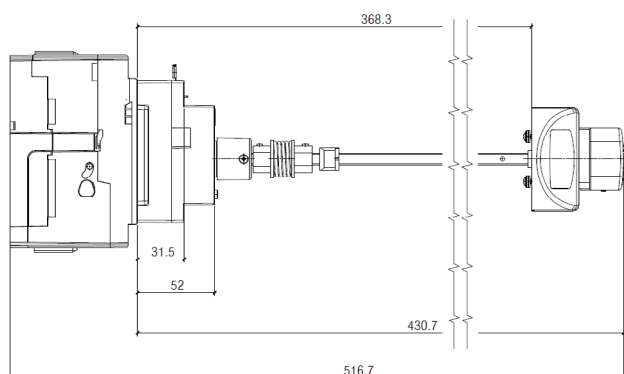


DPX³-I 160 HP trip-free switches

4 237 20 - 4 237 21 - 4 237 25 - 4 237 26

4 237 30 - 4 237 35 - 4 237 36 - 4 237 88 - 4 237 89

■ 5.1 Dimensions (continued)

[illegible]

Technical drawing of the 'Kryl' door assembly, showing front and side views with dimensions in millimeters.

Front View Dimensions:

- Overall height: 172
- Top panel height: 11
- Upper glass panel height: 10.2
- Lower glass panel height: 28.5
- Bottom panel height: 11
- Door width: 93.4
- Panel width segments: 35.7, 35.7, 22, 22
- Internal width segments: 32.2, 32, 22, 22, 32.2
- Total internal width: 118.4

Side View Dimensions:

- Door thickness: 24
- Adjustment screw offset: 2

Technical drawings of the 1000 Series LED strip light fixture, showing front, side, and detail views with dimensions in millimeters.

Front View (Left): Shows a fixture with a width of 74.6 mm and a height of 81.3 mm. The mounting bracket has a width of 25 mm and a height of 44 mm. The LED strip is 94 mm wide and 22 mm high. The mounting holes are 11 mm apart.

Front View (Right): Shows a fixture with a width of 99.6 mm and a height of 81.3 mm. The mounting bracket has a width of 25 mm and a height of 44.3 mm. The LED strip is 94 mm wide and 22 mm high. The mounting holes are 11 mm apart.

Side View (Top): Shows the side profile of the fixture with a height of 18.2 mm and a width of 38 mm.

Detail View (Left): Shows the mounting bracket with dimensions: 231.5 mm (total width), 136 mm (top width), 62.5 mm (top width), 31.9 mm (top width), 7.8 mm (bottom width), 19.8 mm (bottom width), 74.6 mm (bottom width), and 46.3 mm (bottom width).

Detail View (Right): Shows the mounting bracket with dimensions: 231.5 mm (total width), 136 mm (top width), 62.5 mm (top width), 31.9 mm (top width), 7.8 mm (bottom width), 19.8 mm (bottom width), 74.6 mm (bottom width), and 46.3 mm (bottom width).

Detail View (Bottom): Shows the mounting bracket with dimensions: 114.7 mm (total width), 59.8 mm (top width), 31 mm (top width), 23 mm (bottom width), and 10.3 mm (bottom width).

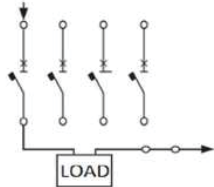
Configuration	3P	4P
Circuit breaker/trip-free switch	0.95	1.2
Direct rotary handle*	0.18	
Vari depth rotary handle*	0.55	
Interlock*	0.35	
Spreader*	0.135	0.175

The diagrams show three different ways to connect multiple poles to a common load:

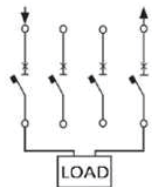
- 1 pole:** A single switch (pole) is connected in series with a common load. All input lines go through this one switch before reaching the load.
- 2 poles in series:** Two switches (poles) are connected in series with each other and then with the common load. All input lines must pass through both switches to reach the load.
- 3 poles in series:** Three switches (poles) are connected in series with each other and then with the common load. All input lines must pass through all three switches to reach the load.

6. CONNECTIONS (continued)

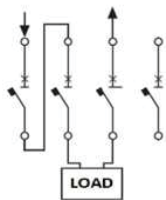
DC connections modality for trip-free switches (polarity can be inverted)



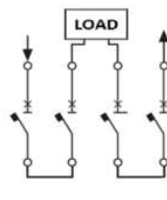
1 pole



2 poles in series

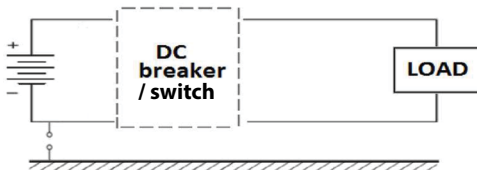


3 poles in series



4 poles in series

Applied to DC breaker/switch networks insulated from the ground



7. EQUIPMENTS AND ACCESSORIES

7.1 Releases

There are 3 types of releases (suitable for DPX³ 125/160/250 HP and DPX³ 160/250):

Shunt releases (ST)

12 V~/= Cat.No 4 210 12
 24 V~/= Cat.No 4 210 13
 48 V~/= Cat.No 4 210 14
 110 to 130 V~ Cat.No 4 210 15
 220 to 277 V~ Cat.No 4 210 16
 380 to 480 V~ Cat.No 4 210 17
 Maximum power = 400 VA / W

Undervoltage releases (UVR)

12 V~/= Cat.No 4 210 18
 24 V~/= Cat.No 4 210 19
 48 V~/= Cat.No 4 210 20
 110 to 130 V~/= Cat.No 4 210 21
 220 to 240 V~ Cat.No 4 210 22
 277 V~ Cat.No 4 210 23
 380 to 415 V~ Cat.No 4 210 24
 440 to 480 V~ Cat.No 4 210 25
 Maximum power = 4 VA
 Circuit breaker opening time < 50 ms
 Undervoltage releases can be used on DPX³ 125/160/250 HP starting from batch 19W15.

Time-lag undervoltage releases (800 ms)

- Release Cat.No 4 210 98
 to be equipped with a time-lag module:
 - 230 V~ Cat.No 0 261 90
 - 400 V~ Cat.No 0 261 91

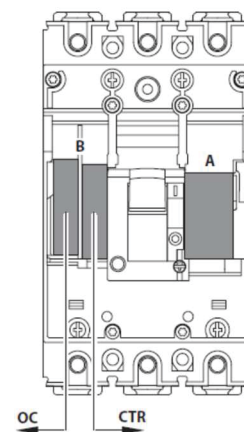
7.2 Auxiliary contacts

It is used to show the state of the contacts or opening of the DPX³/DPX³-I and DPX³ HP/DPX³-I HP on a fault.

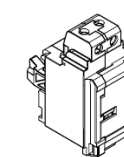
Standard auxiliary contact (OC) / Fault signal (CTR) Cat.No 4 210 11

Rated voltage (Vn)	Intensity (A)
24 V=	5
48 V=	1.7
110 V=	0.5
230 V=	0.25
110 V~	4
230/250 V~	3

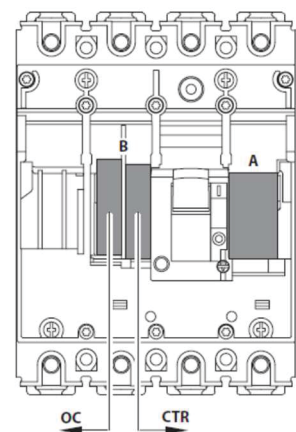
Configurations



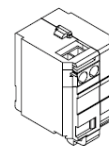
UVR



4 210 18...25
4 210 98

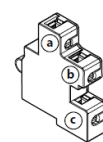


ST

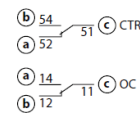


4 210 12...17

OC/CTR



4 210 11



In the space A, it is possible to insert 1 shunt release, or alternatively 1 undervoltage release. The space B can only receive a standard auxiliary contact (OC) or a fault signal (CTR).

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

7. EQUIPMENTS AND ACCESSORIES (continued)**■ 7.3 Universal keylocks**

These keylocks must be used on rotaty handle, that is the only accessory that can be locked on DPX³ 160 HP.

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

- 1 lock + 1 flat key with random mapping	Cat.No 4 238 80
- 1 lock + 1 flat key with fixed mapping (EL43525)	Cat.No 4 238 81
- 1 lock + 1 flat key with fixed mapping (EL43363)	Cat.No 4 238 82
- 1 lock + 1 star key with random mapping	Cat.No 4 238 83

■ 7.4 Rotary handles

There are 2 types of suited rotary handles:

Direct on DPX³ (with auxiliary option)

- Standard (black)	Cat.No 4 238 70
- For emergency use (red / yellow)	Cat.No 4 238 71

Vari-depth handle IP55 (with auxiliary option)

- Standard (black)	Cat.No 4 238 72
- For emergency use (red / yellow)	Cat.No 4 238 73

Direct on DPX³ (general purpose)

- Standard (black)	Cat.No 4 238 10
- For emergency use (red/yellow)	Cat.No 4 238 11

Vary depth handle IP55 (general purpose)

- Standard (black)	Cat.No 4 238 12
- For emergency use (red/yellow)	Cat.No 4 238 13

Locking accessories for rotary handle with auxiliary option

- Key lock accessory for vari-depth rotary handle, also compatible with DPX ³ 125/250 HP thermal magnetic.	Cat.No 4 238 05
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Cat.No 4 238 05 must be used with universal keylocks to get the complete locking kit for rotary handle.

■ 7.5 Mechanical accessories

Padlock (for locking in "OPEN" position)	Cat.No 4 210 49
Cat.No 4 210 49 is compatible with DPX ³ 125/160/250 HP and DPX ³ 160/250.	

Sealable terminal shields

- Set of 2 (for 3P)	Cat.No 4 238 93
- Set of 3 (for 4P)	Cat.No 4 238 94

Insulated shields

- Set of 2 (for 3P)	Cat.No 4 238 34
- Set of 3 (for 4P)	Cat.No 4 238 35
(Cat.Nos 4 238 34/35 are also compatible with DPX ³ 250 HP)	

■ 7.6 Connection accessories**Cage terminals**

- Set of 3 standard terminals for 1x95 mm ² max (rigid) or 1x70 mm ² max (flexible) Cu/Al cables (for Al cables In max 80A)	Cat.No 4 238 84
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- Set of 4 standard terminals for 1x95 mm ² max (rigid) or 1x70 mm ² max (flexible) Cu/Al cables (for Al cables In max 80A)	Cat.No 4 238 85
---	-----------------

- Set of 3 high capacity terminals for 1x 120 mm ² max (rigid) or 1x95 mm ² max (flexible) Cu/Al cables	Cat.No 4 238 76
---	-----------------

- Set of 4 high capacity terminals for 1x 120 mm ² max (rigid) or 1x95 mm ² max (flexible) Cu/Al cables	Cat.No 4 238 77
---	-----------------

Cage terminal use specifications

Cable standard suggested cross-section (mm ²)*			
Standard cage terminals Cat.Nos 4 238 84 / 4 238 85	In (A)	Cu	Al
	16	2.5	4
	20	2.5	4
	25	4	6
	32	6	10
	40	10	16
	50	10	16
	63	16	25
	80	25	35
	100	35	-
	125	50	-
	160	70	-
High capacity cage terminals Cat.Nos 4 238 76 / 4 238 77	80	25	35
	100	35	50
	125	50	70
	160	70	120

* The suggested cross-section are in compliance with standard IEC 60947-1 (ed.6 2020/04) and IEC 60947-2 (ed.5.1 2019/07)

Dimensions limits of cable for cage terminals

Standard cage terminals Cat.Nos 4 238 84 / 4 238 85	Min. cross-section (mm ²)		Max. cross-section (mm ²)	
	Flexible	Rigid	Flexible	Rigid
	2.5	4	70	95
High capacity cage terminals Cat.Nos 4 238 76 / 4 238 77	Min. cross-section (mm ²)		Max. cross-section (mm ²)	
	Flexible	Rigid	Flexible	Rigid
	35		95	120

Note : when the cross-section exceeds the maximum value specified for the material in the table, the allowable current is limited to the indicated value.

Spreaders (incoming or outgoing)

- Set of 3 (for 3P)	Cat.No 4 238 88
- Set of 4 (for 4P)	Cat.No 4 238 89

Rear terminals (incoming or outgoing)

- Set of 3 (for 3P)	Cat.No 4 238 91
- Set of 4 (for 4P)	Cat.No 4 238 92

7. EQUIPMENTS AND ACCESSORIES (continued)

7.7 Interlock mechanism

It is used for interlocking 2 DPX³ 160 HP, either with another DPX³ 160 HP or with a DPX³ 125 HP.

It is not possible to use other accessories than those recommended below for interlocking DPX³ 160 HP circuit breakers.

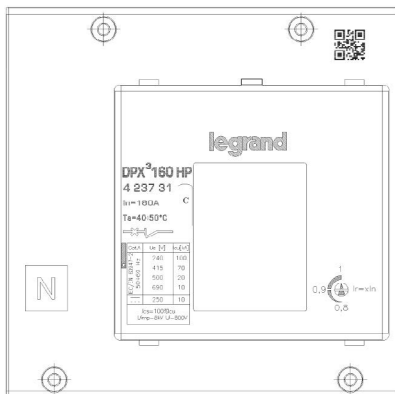
- Interlock mechanism – standard version Cat.No 4 238 27 (for fixed version)
- Interlock mechanism – for electronic module Cat.No 4 238 28 (for fixed version)
- Interlock plate Cat.No 4 238 25

8. MARKING

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

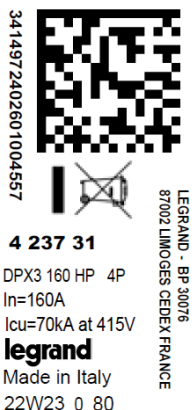
Product laser label on front

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



Product sticker label on side

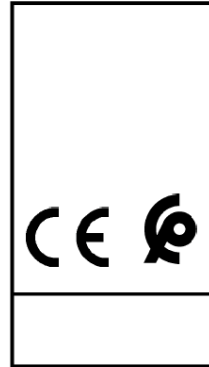
- Manufacturer responsible
- Denomination and type product
- Standard conformity
- Mark/Licence (if any)
- Directive requirements
- Bar code identification product
- Manufacturing Country



Mark sticker label on side

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

4 237 31



Packaging sticker label

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

1 DPX³ HP 4 237 31

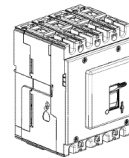


Made in Italy

Design and Quality by LEGRAND (France)

LEGRAND - Pro and Consumer Service - BP 30076

87002 LIMOGES CEDEX FRANCE - www.legrand.com



- Disjoncteur
- Circuit Breaker
- Interruptor automático
- Автоматический выкл.
- 热磁式塑壳断路器
- قاطع الدارة

In=160A 4P Icu 70kA
IEC/EN 60947-2

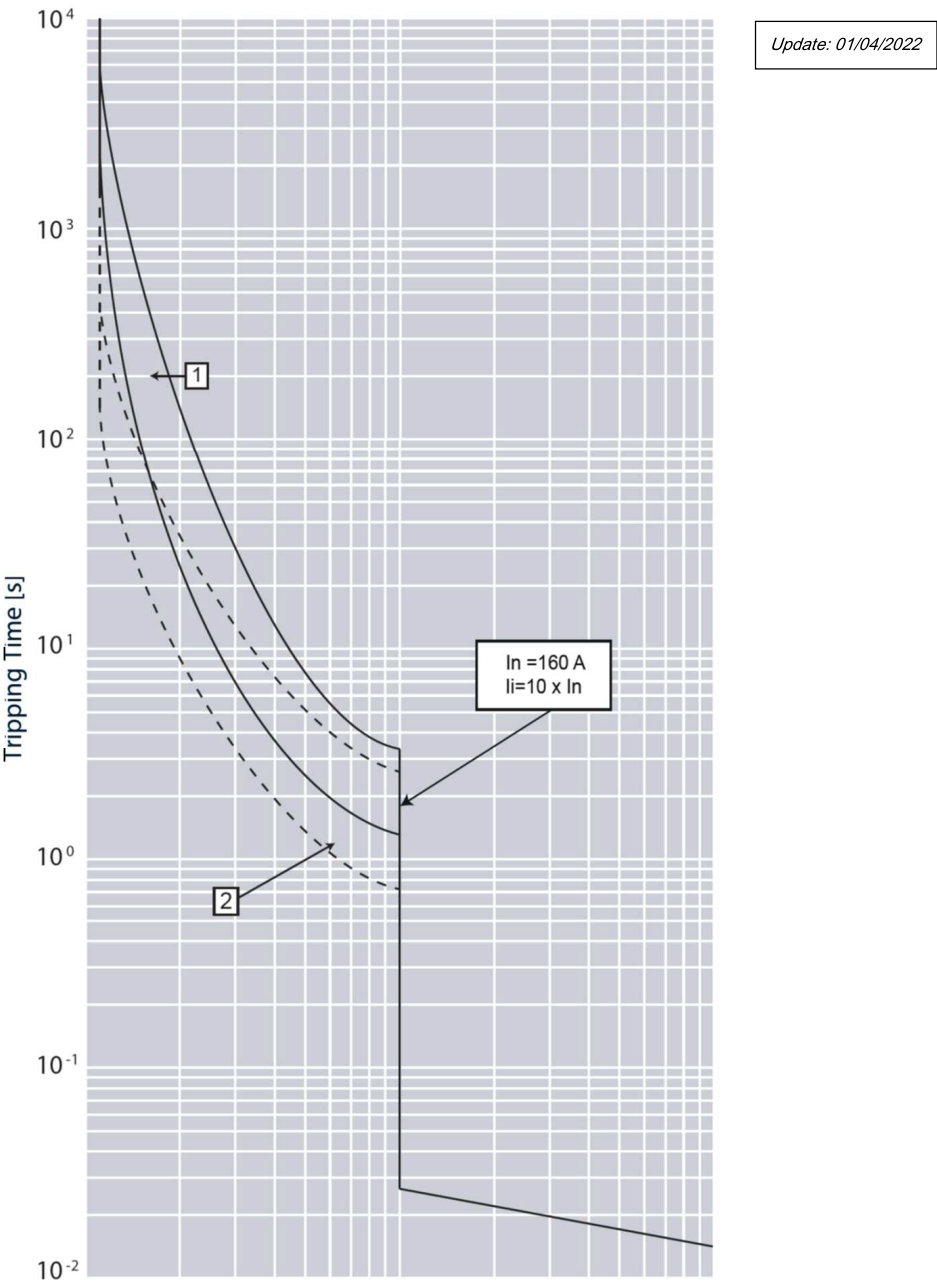


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9. CURVES

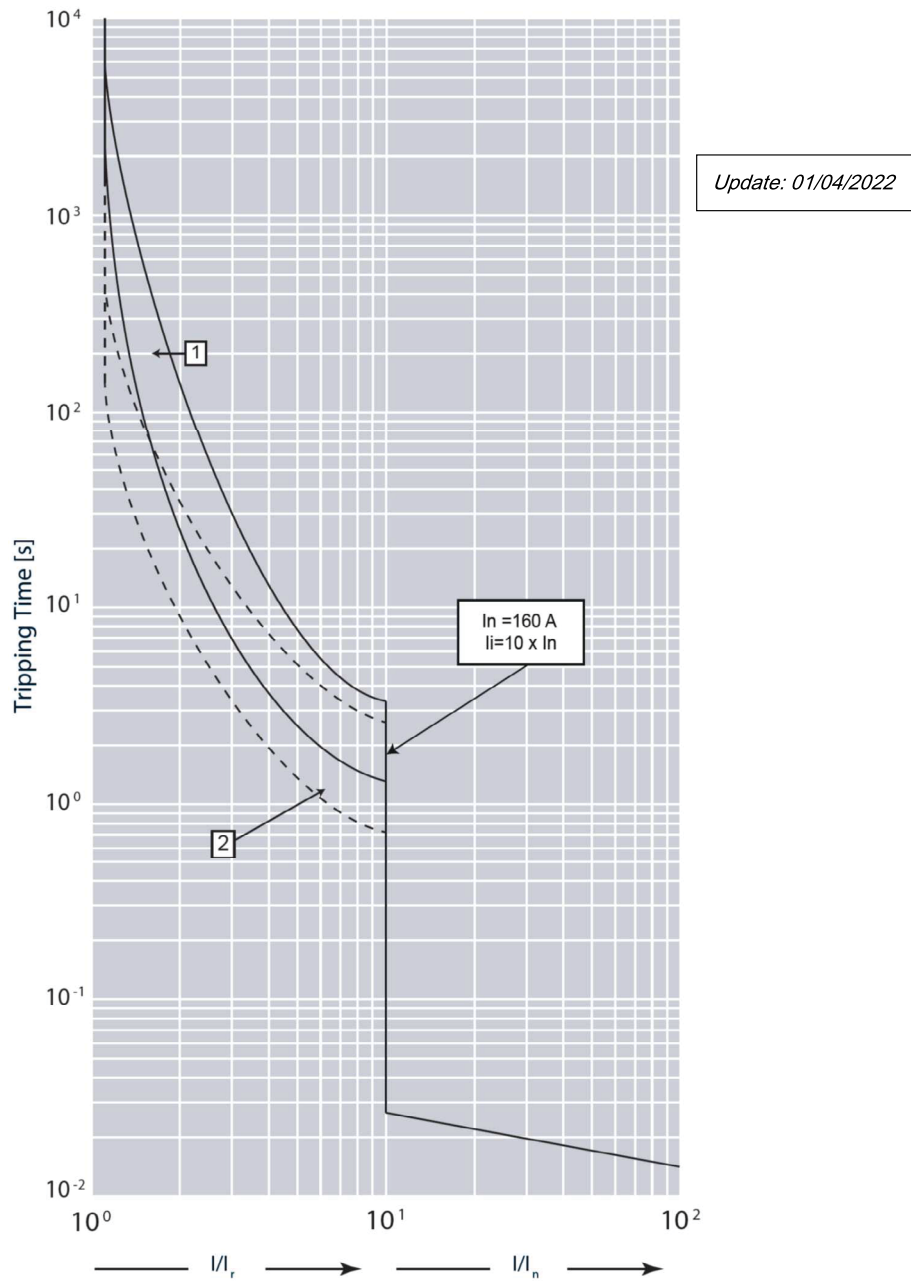
■ 9.1 Thermal magnetic tripping curve (rated current $I_n \leq 50\text{ A}$)



$I_{cu} = 36\text{--}50\text{ kA}$	$I_{max} = 160\text{ A}$	3-4 P	$U_e = 415\text{ V}\sim$ (IEC/EN 60947-2)
Value	Description		
t	Time		
I	Current		
I_n	Rated current		
I_r	Long time setting current		
Curve 1	Characteristic with cold start		
Curve 2	Characteristic with hot start		

9. CURVES (continued)

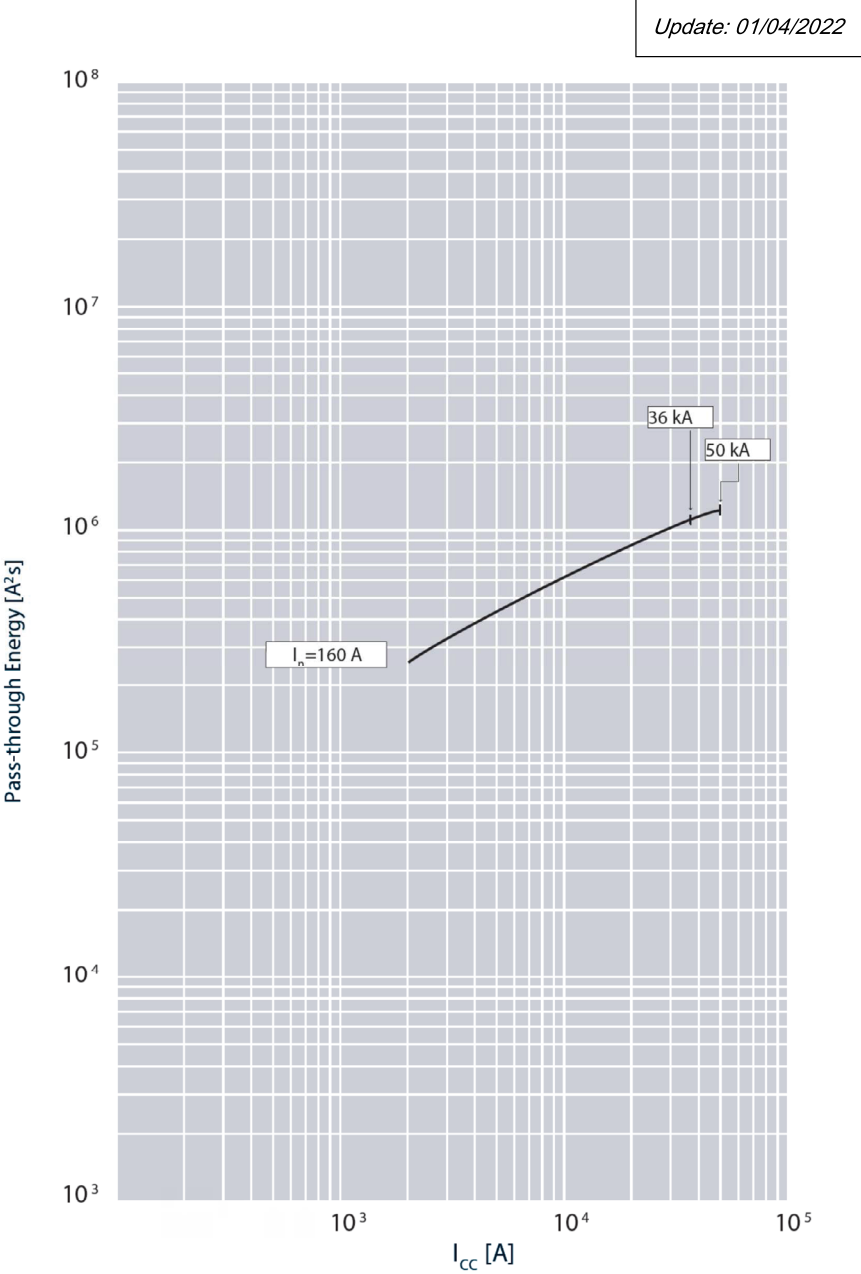
9.2 Thermal magnetic tripping curve (rated current $I_n > 50\text{A}$)



$I_{cu} = 70\text{--}100\text{ kA}$		$I_{max} = 160\text{ A}$	3-4 P	$U_e = 415\text{ V~}$ (IEC/EN 60947-2)
Value	Description			
t	Time			
I	Current			
I_n	Rated current			
I_r	Long time setting current			
Curve 1	Characteristic with cold start			
Curve 2	Characteristic with hot start			

9. CURVES (continued)

9.3 Pass-through specific energy characteristic curve (breaking capacity I_{cu} ≤ 50kA)

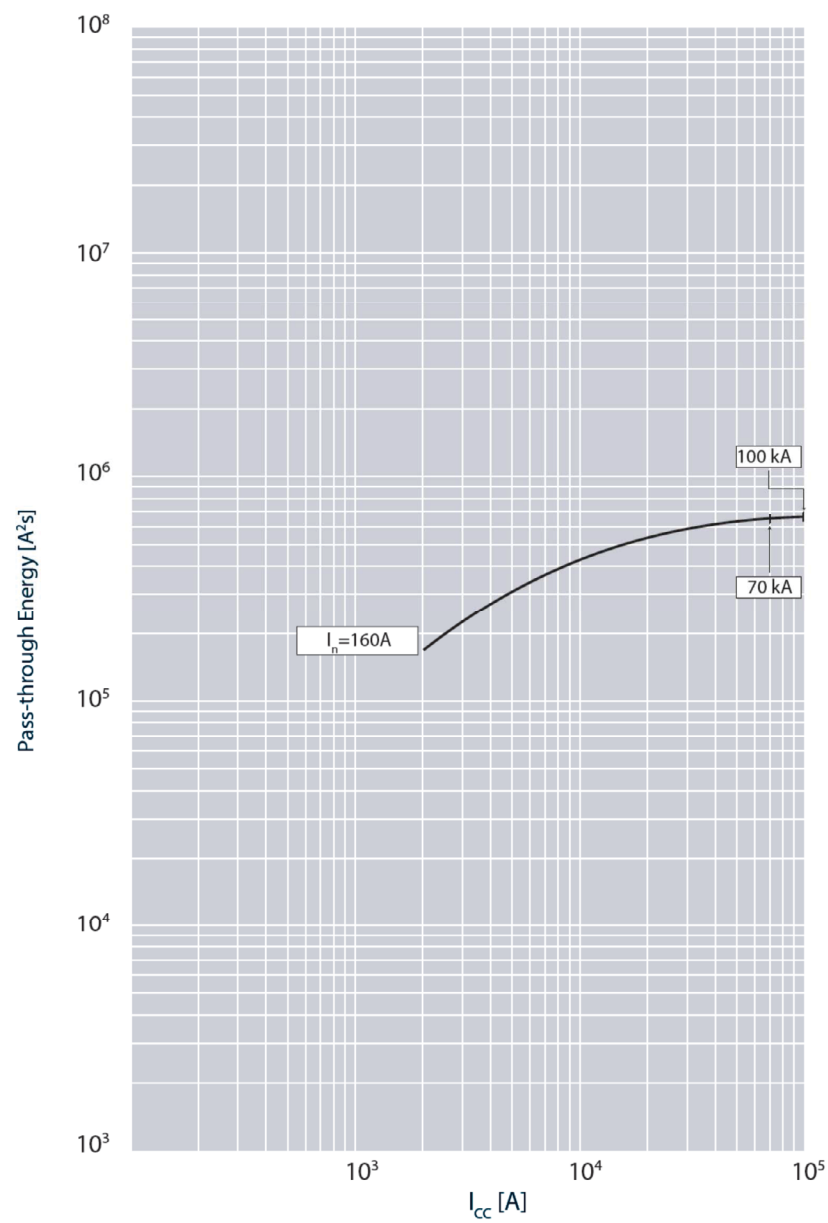


I _{cu} = 36-50 kA	I _{max} = 160 A	3-4 P	U _e = 415 V~ (IEC/EN 60947-2)
Value		Description	
I _{cc}		Short circuit current	
I²t (A²s)		Pass-through specific energy	

9. CURVES (continued)

9.4 Pass-through specific energy characteristic curve (breaking capacity I_{cu} > 50kA)

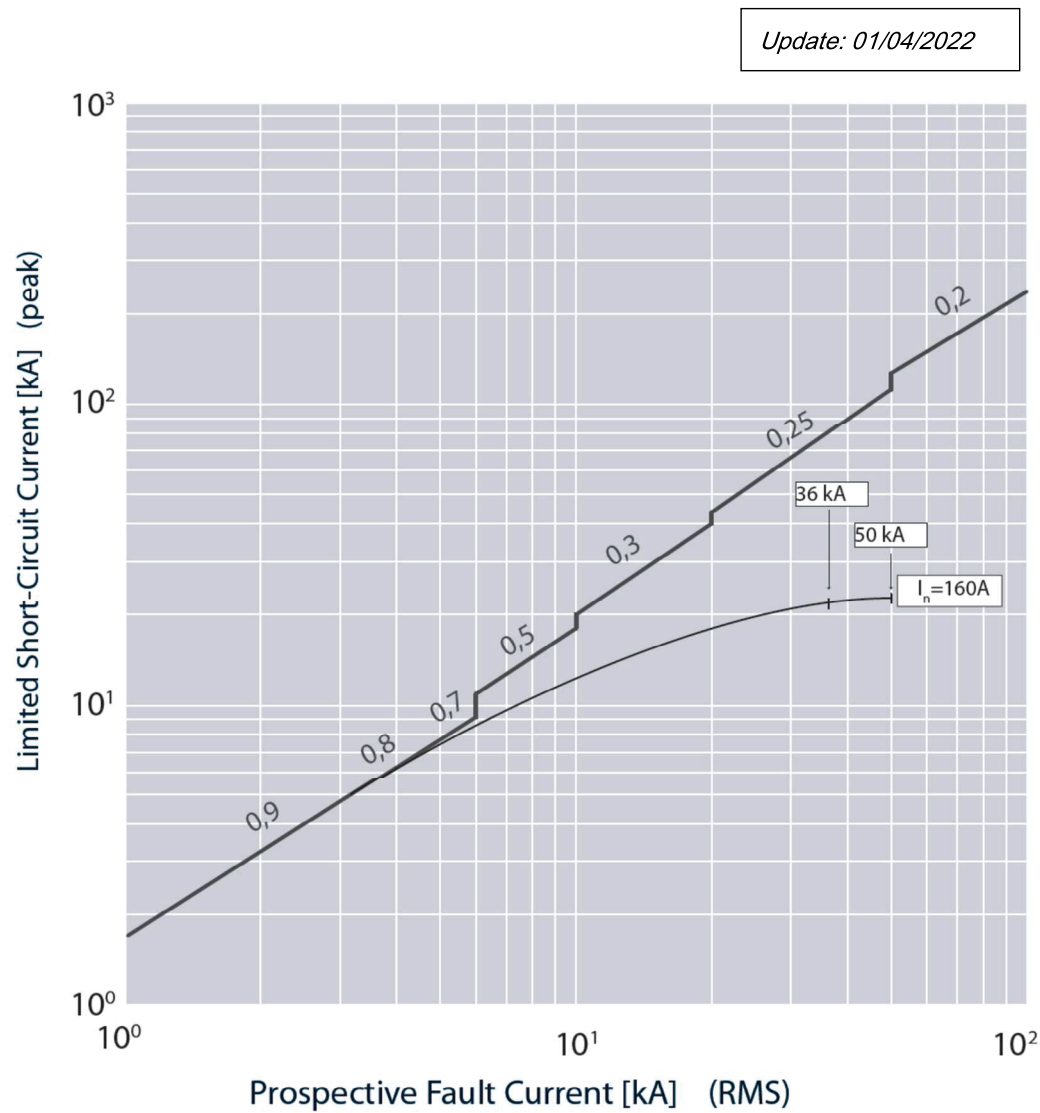
Update: 01/04/2022



I _{cu} = 36-50 kA	I _{max} = 160 A	3-4 P	U _e = 415 V~ (IEC/EN 60947-2)
Value		Description	
I _{cc}		Short circuit current	
I²t (A²s)		Pass-through specific energy	

9. CURVES (continued)

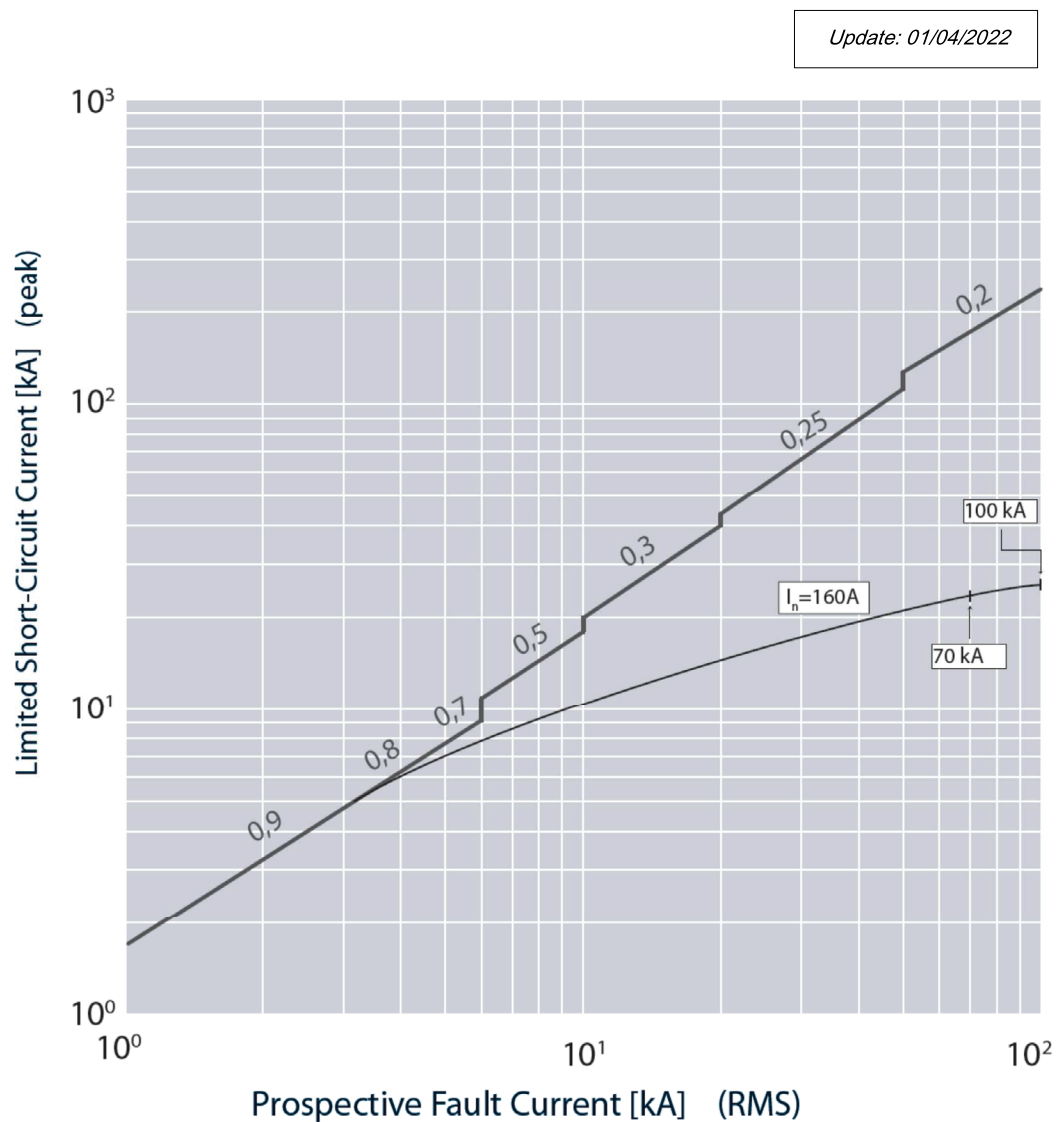
■ 9.5 Cut-off peak current characteristic curve (kA) (breaking capacity I_{cu} ≤ 50kA)



I _{cu} = 36-50 kA	I _{max} = 160 A	3-4 P	U _e = 415 V~ (IEC/EN 60947-2)
Value		Description	
I _{cc}		Estimated short circuit symmetrical current (RMS value)	
I _p		Maximum short circuit peak current	

9. CURVES (continued)

9.6 Cut-off peak current characteristic curve (kA) (breaking capacity I_{cu} > 50kA)



I _{cu} = 70-100 kA I _{max} = 160 A 3-4 P U _e = 415 V~ (IEC/EN 60947-2)	
Value	Description
I _{cc}	Estimated short circuit symmetrical current (RMS value)
I _p	Maximum short circuit peak current

10. STANDARDS AND REGULATIONS

DPX³ HP range of product concerning circuit-breakers and trip-free switches exceeds compliance with the IEC/EN standard 60947-2 and 60947-3 respectively.

Certification available by IECEE CB-scheme or LOVAG Compliance scheme. DPX³ HP range respects the European Directives :

RoHS: Compliance with the 2011/65/EU Directive (RoHS), as modified by the 2015/863/EU Delegated Directive, on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

REACH: The substances identified as SVHC (Substances of Very High Concern) according to the REACH Regulation (1907/2006), if present in the products at a concentration above 0.1% weight by weight, are declared inside the European SCIP database. At the date of publication of this document none of the substance listed in the annex XIV is found in this product.

WEEE: WEEE Directive (2012/19/EU): the sale of this product includes a contribution to the appointed environmental bodies of each European country in charge of handling, at the end of their life, the products falling within the scope of the EU Directive on Electrical and Electronic Equipment Waste.

Packaging : Design and manufacture of packaging compliant with European Directive 94/62/CE

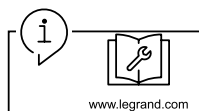
For specific information, please contact Legrand support.

11. OTHER INFORMATION

XLPro³ Calcul: Calculation notes creation software, addressed to installers, design office and maintenance operators. Definition of the electrical characteristics of a low voltage installation in compliance with the applicable standards

XLPro³ Tool Selectivity Backup: Software dedicated to installers, panelbuilders and design offices. Definition of the selectivity and backup values of an association of electrical devices and obtention of the tripping curves of the selected products.

XLPro³ Panels: Distribution panel design software, addressed to panelbuilders and electrical panel designers. Design of the electrical distribution of the panel, production of electrical diagrams, establishment of products and overall costing of the project.



Workshop book: mounting informations, equipments, accessories and spare parts available on e-catalog.

Instruction sheet: detailed mounting procedures, available on e-catalog.

PEP: available on e-catalog.

For further technical information, please contact Legrand technical support.

Unless otherwise indicated, data reported in this document refers exclusively to test conditions according to product standards.

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