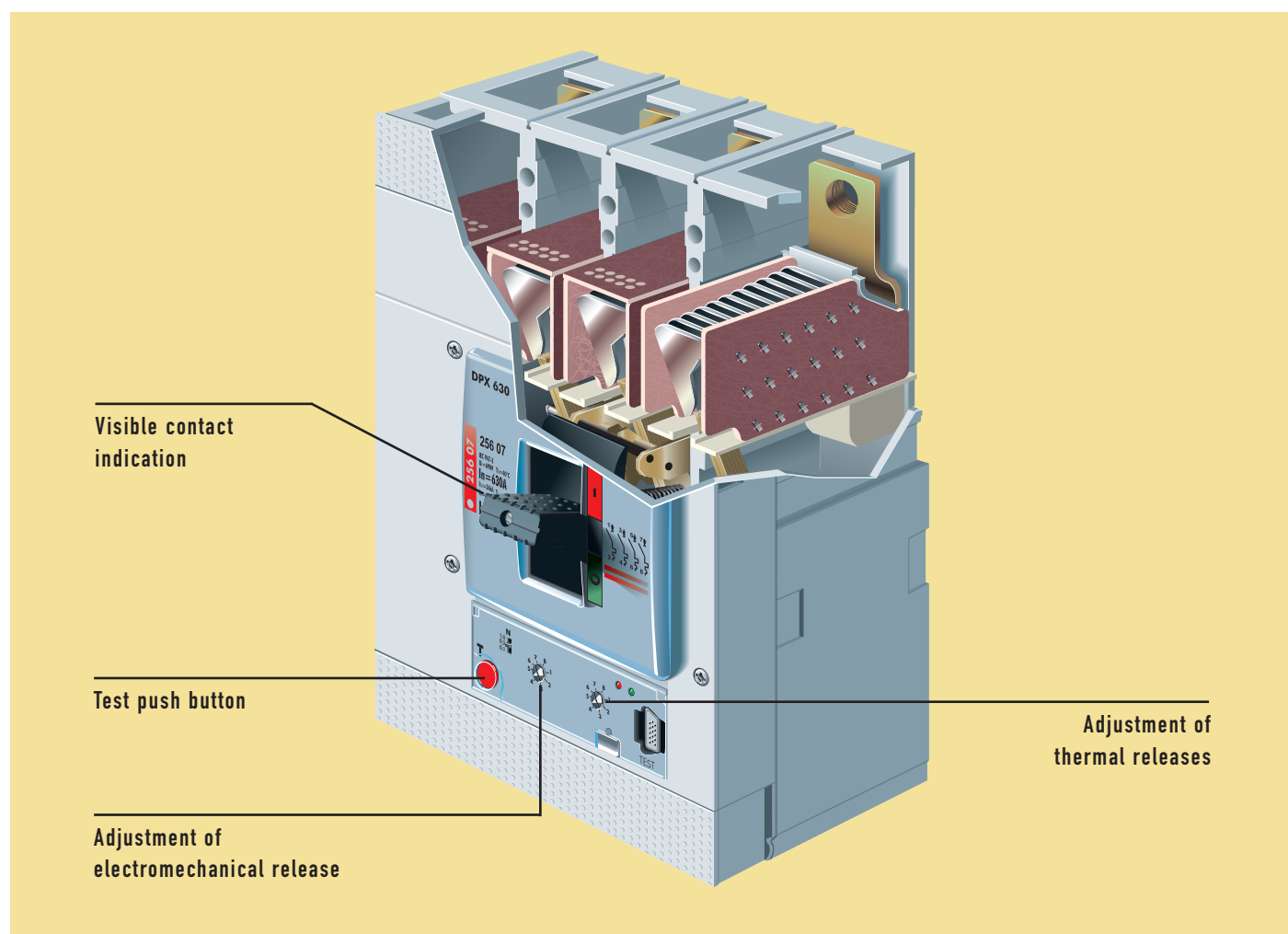




Safety and simplicity

In the commercial sector, specifications are drawn up as a one-off exercise and are rarely modified. Once an MCCB has been defined, this selection is seldom reconsidered.

To minimise both the dimensions and the cost of the distribution board, it is therefore vitally important to locate the most flexible and cost-effective devices.



FEATURES

- Five frame sizes
- Nominal current (I_n) : 16 to 800 A
- Breaking capacity (I_{cu}) : 16 to 70 kA
- Auxiliaries come in standard sizes which fit the entire range of MCCBs

DPX® MCCBs

TYPE OF CASE AND SIZE						TYPE OF CASE AND SIZE						
		DPX 125	DPX 125		DPX 250 ER		DPX 250		DPX 630		DPX 1250	
												
TYPE OF MCCB						TYPE OF MCCB						
		DPX-E	DPX-E (16 kA)	DPX (25 kA)	DPX (36 kA)		DPX	DPX-H	DPX	DPX-H	DPX	DPX-H
Number of poles		1	3-4		3-4		3-4		3-4		3-4	
Nominal rating In (A)		16-125	16-125		25-250		100-250		250-630		500-800	
ELECTRICAL CHARACTERISTICS CONFORMING TO EN 60947-2						ELECTRICAL CHARACTERISTICS CONFORMING TO EN 60947-2						
Rated operating voltage Ue (50-60 Hz) ~		230	500		500		690		690		690	
Rated operating voltage Ue = (V)		–	250		250		250		250		250	
Rated insulation voltage Ui ~ (V)		290	500		500		690		690		690	
Rated impulse withstand voltage Uimp (kV)		6	6		6		8		8		8	
Category of use		A	A		A		A		A		A	
Ultimate breaking capacity (kA) 230 V~		16	22	35	40	50	60	100	60	100	80	100
400 V~		–	16	25	36	36	36	70	36	70	50	70
440 V~		–	10	18	20	25	30	60	30	60	45	65
480/500 V~		–	8	12	14	12	25	40	25	40	35	45
600 V~		–	–		–	–	20	25	20	25	25	35
690 V~		–	–		–	–	16	20	16	20	25	25
250 V=		–	16	25	30	36	36	40	–	–	50	50
Standard breaking capacity Ics (% Icu)		50	100	50	75	75	100	75	100	75	100	75
Rated closing capacity on short-circuit (400 V~)		32	32	52·5	75·6	75·6	75·6	154	75·6	154	105	154
Rated short-time withstand current Icw (kA)												
Endurance (o.c. cycle)		mechanical	25 500	25 000		20 000	20 000		15 000		10 000	
		electrical	8 500	8 000		8 000	8 000		5 000		4 000	
Isolation capability		•	•				•					
TYPE OF PROTECTION						TYPE OF PROTECTION						
Thermal-magnetic release		•	•		•		•		•		•	
Electronic release												
Earth leakage modules		underneath	•		•		•		•			
		side by side	•		•							
EXTERNAL ACCESSORIES						EXTERNAL ACCESSORIES						
Remote control			•				•		•		•	
Fixed type		•	•		•		•		•		•	
Plug-in type			•		•		•		•			
Draw-out type							•		•		•	
Rotary handle			•		•		•		•		•	
Supply invertor							•		•		•	
DIMENSIONS AND WEIGHTS						DIMENSIONS AND WEIGHTS						
single pole		25 x 120 x 74										
Dimensions (L x H x D) (mm)			75·6 x 120 x 74		90 x 176 x 74		105 x 200 x 105		140 x 260 x 105		210 x 320 x 140	
four pole			101 x 120 x 74		120 x 176 x 74		140 x 200 x 105		183 x 260 x 105		280 x 320 x 140	
triple pole			1		1·6		2·5		5·5		12·2 ≤ 800 > 18	
four pole			1·2		2·1		3·7		6·4		15·1 ≤ 800 > 23·4	
Allen key size (mm)		4	4		6		5		8		10	

DPX® 250 ER

MCCBs from 25 to 250 A and trip-free switches



0252 36



0252 99



Electrical characteristics (p. 335)
Dimensions (p. 341)

Pack	Cat. Nos.		DPX 250 ER MCCBs
			Conform to IEC 60947-2 Fixed version - Front terminals Max. rated voltage 500 V~ - 50/60 Hz 230 V~ for single pole Thermal release adjustable from 0.64 to 1 In Magnetic fixed at 10 In
			DPX 250 ER - 25 kA Breaking capacity Icu : 25 kA (400 V~)
	3 P	4 P	In
1	0252 01	0252 11	25 A
1	0252 02	0252 12	40 A
1	0252 03	0252 13	63 A
1	0252 04	0252 14	100 A
1	0252 05	0252 15	160 A
1	0252 06	0252 16	250 A
			DPX 250 ER - 36 kA Breaking capacity Icu : 36 kA (400 V~)
	3 P	4 P	In
1	0252 21	0252 31	25 A
1	0252 22	0252 32	40 A
1	0252 23	0252 33	63 A
1	0252 24	0252 34	100 A
1	0252 25	0252 35	160 A
1	0252 30	0252 37	200 A
1	0252 26	0252 36	250 A

Pack	Cat. Nos.		DPX-I 250 ER trip-free switches
			Conform to IEC 60947-3 Category of use AC 23 A
	3 P	4 P	In
1	0252 96	0252 97	160 A
1	0252 98	0252 99	250 A

DPX® 250 ER

earth leakage module and accessories



0260 38



0262 11



Dimensions (p. 341)

Conform to IEC 60947-2 and IEC 60947-3
Thermal release adjustable from 0.64 to 1 In
Can be fitted directly on to DPX 250 ER, DPX-I 250 ER and trip-free switches
Operating voltage : 230 to 500 V~
Adjustable and sealable sensitivity : 0.03 - 0.3 - 1 - 3 A
Adjustable tripping : 0 - 0.3 - 1 - 3 s
Switch for mechanical tests on operation and insulation of the device in case of installation insulation test

Pack	Cat. Nos.		Electronic earth leakage module
			Nominal operating voltage : 230 - 500 V~
			Mounted underneath In
1	4 P	0260 38	250 A

Pack	Cat. Nos.		Accessories
			Connection terminals Set of 4 terminals for cables without lugs - 185 mm² max. (rigid) or 150 mm² max. (flexible)
			Spreaders For increasing the distance between each pole to be connected Set of incoming or outgoing spreaders
			Insulating shields Used to isolate the connections between each pole Set of 3 insulating shields
			Sealable terminal shields Set of 2 terminal shields
			Direct on DPX rotary handle Standard (grey)
			Vari-depth rotary handle The vari-depth handle includes : connecting rod, bracket, self-adhesive drilling template, mounting accessories and door locking mechanism Standard (grey)
1		0262 88	
1	3 P	0262 90	4 P 0262 91
1		0262 07	
1	3 P	0262 85	4 P 0262 86
1		0262 11	
1		0262 77	



DPX® 630

MCCBs from 250 to 630 A and trip-free switches



0255 58



Selectivity and co-ordination (p. 339-340)

Performance characteristics (p. 337)

Dimensions (p. 342)

Auxiliaries (p. 332)

Pack	Cat. Nos.		
			DPX 630 MCCBs Conform to IEC 60947-2 Fixed version - front terminals Max. rated voltage 690 V~ - 50/60 Hz 230 V~ for single pole Thermal release adjustable from 0.8 to 1 In Magnetic release adjustable from 5 to 10 In Supplied with incoming terminals mounted
			DPX 630 - 36 kA Breaking capacity Icu : 36 kA (400 V~)
	3 P	4 P	In
1	0255 21	0255 36	250 A
1	0255 22	0255 37	320 A
1	0255 23	0255 38	400 A
1	0255 24	0255 40	630 A
			DPX-H 630 - 70 kA Breaking capacity Icu : 70 kA (400 V~)
	3 P	4 P	In
1	0255 41	0255 56	250 A
1	0255 42	0255 57	320 A
1	0255 43	0255 58	400 A
1	0255 44	0255 60	630 A

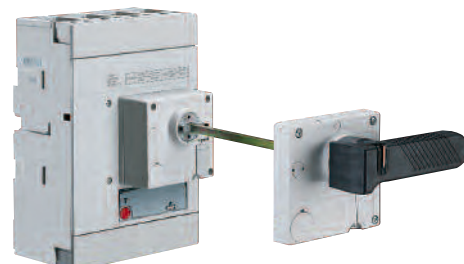
		DPX-I 630 trip-free switches	
		Conform to IEC 60947-3 Category of use AC 23 A	
		3 P	4 P
1	0255 96	0255 97	In
1	0255 88	0255 89	400 A
			630 A

DPX® 630

earth leakage modules and accessories



0260 61



0262 81



Dimensions (p. 342)

Pack	Cat. Nos.		
			Can be fitted directly on to standard MCCBs and trip-free switches Adjustable and sealable sensitivity : 0·03 - 0·3 - 1 - 3 A Adjustable tripping : 0 - 0·3 - 1 - 3 s Test push-button - Reset push-button Integrated remote earth fault signalling contact Rated operating voltage : 230 - 500 V~
	3 P	4 P	Mounted underneath
1	0260 60	0260 61	For DPX 630 (up to In 400 A)
1	0260 64	0260 65	For DPX 630 (In 630 A)
Accessories			
			Insulating shields Used to isolate the connections between each pole Set of 3 insulating shields
1	0262 30		
	3 P	4 P	
1	0262 44	0262 45	Sealable terminal shields Set of 2 terminal shields
			
1	0262 40		
1	0262 50		Padlocking accessory For locking in "OFF" position
1	0262 50		Connection terminals Set of 4 terminals for cables, 150 mm ² max. (rigid) or 120 mm ² max. (flexible)
1	0262 51		High-capacity terminals Set of 4 for 2 x 240 mm ² (rigid) or 2 x 185 mm ² flexible
1	0262 41		Direct on DPX rotary handle Standard (black)
			Vari-depth rotary handle The vari-depth handle includes : connecting rod, bracket, self-adhesive drilling template, mounting accessories and door locking mechanism Standard (black)
1	0262 81		Locking accessory For rotary handles above
1	0262 25		

DPX® 1 250

MCCBs from 500 to 800 A, trip-free switches and accessories



0258 02



0262 61

control and signalling auxiliaries for all DPX



0261 60



0261 83



Selectivity and co-ordination (p. 339-340)

Performance characteristics (p. 338)

Dimensions (p. 343)

Auxiliaries (p. 332)

Pack	Cat. Nos.		DPX 1 250 MCCBs
			Conform to IEC 60947-2 Fixed version - front terminals Max. rated voltage 690 V~ - 50/60 Hz Thermal release adjustable from 0.8 to 1 In Magnetic release adjustable from 5 to 10 In from 500 to 800 A Magnetic release adjustable from 3 to 6 In from 1 000 to 1 250 A Supplied with incoming terminals mounted
			DPX 1 250 - 50 kA Breaking capacity Icu : 50 kA (400 V~)
	3 P	4 P ⁽¹⁾	In
1	0258 00	0258 07	500 A
1	0258 01	0258 08	630 A
1	0258 02	0258 09	800 A
			DPX-H 1 250 - 70 kA Breaking capacity Icu : 70 kA (400 V~)
	3 P	4 P ⁽¹⁾	In
1	0258 14	0258 21	500 A
1	0258 15	0258 22	630 A
1	0258 16	0258 23	800 A

Pack	Cat. Nos.		DPX-I 1 250 trip-free switches
			Conform to IEC 60947-3 Category of use AC 23 A Without thermal-magnetic release
	3 P	4 P	In
1	0257 92	0257 93	630 A
1	0257 94	0257 95	800 A

Pack	Cat. Nos.		Accessories
			Insulation shields Used to isolate the connections between each pole Set of 3 insulation shields
1	0262 66		
	3 P	4 P	Sealable terminal shields Set of 2 short terminal shields
1	0262 64	0262 65	
			Padlock For handle, locking in "OFF" position
1	0262 60		
			Connection terminals For connecting bare cables without lugs Set of 1 terminal 2 x 240 mm ² (rigid) or 2 x 185 mm ² (flexible)
1	0262 69		
			Set of 1 high-capacity terminal 4 x 240 mm ² for rigid cable 4 x 185 mm ² for flexible cable
1	0262 70		
			Extended front terminals Short terminals
1	0262 67		
			Long terminals
1	0262 68		
			Direct on DPX rotary handle Standard (black)
1	0262 61		
			Vari-depth rotary handle The vari-depth handle includes : connecting rod, bracket, self-adhesive drilling template, mounting accessories and locking mechanism
1	0262 83		
			Standard (black)
			Locking accessory For rotary handles above
1	0262 25		

⁽¹⁾ 3 P + N (Neutral on left - not protected)

Auxiliary contact or fault signal

For signalling the state of the contacts or opening of the MCCB on a fault

For MCCBs and trip-free switches from 16 to 800 A

Changeover switch 3 A - 240 V

Pack	Cat. Nos.
1	0261 60

Shunt trips

Allow remote tripping of a DPX

For MCCBs and trip-free switches from 16 to 800 A

Coil voltage 24 V~ and =
Coil voltage 48 V~ and =
Coil voltage 110 V~ and =
Coil voltage 230 V~ and =
Coil voltage 400 V~ and =

Pack	Cat. Nos.
1	0261 64
1	0261 65
1	0261 66
1	0261 67
1	0261 68

Undervoltage releases

Allow remote tripping of a DPX

For MCCBs and trip-free switches from 16 to 800 A

Coil voltage 24 V~
Coil voltage 24 V~
Coil voltage 48 V~
Coil voltage 110 V~
Coil voltage 230 V~
Coil voltage 400 V~

Pack	Cat. Nos.
1	0261 70
1	0261 71
1	0261 72
1	0261 76
1	0261 73
1	0261 74

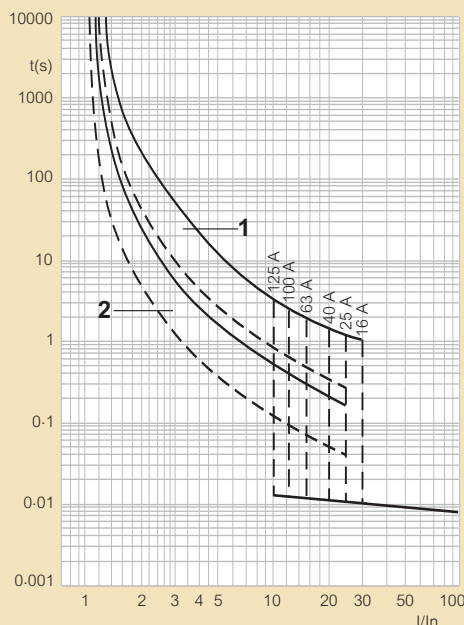
■ Electrical characteristics

Maximum nominal operating function	500 V~ - 250 V=
Nominal frequency	50/60 Hz
Category of use	A
Thermal adjustment	0-7 to 1 ln
Maximum permitted cross-sections	rigid cables : 70 mm ² flexible cables : 50 mm ² copper bar (width) : 12 mm

Nominal breaking capacity (kA) (EN 60947-2 and IEC 60947-2)

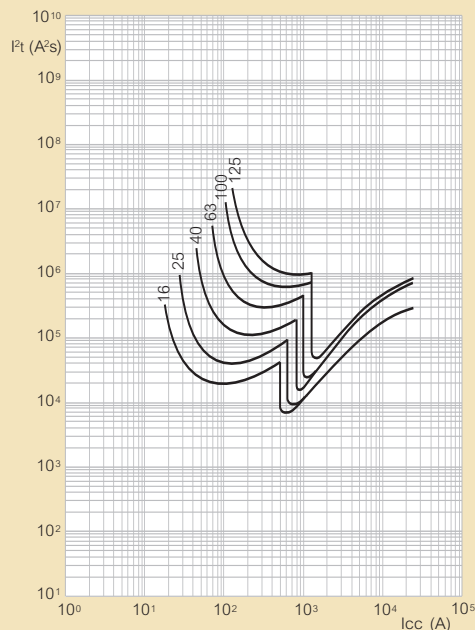
Ue	DPX 125 25 kA		DPX 125 36 kA	
	Icu (kA)	Ics (%Icu)	Icu (kA)	Ics (%Icu)
400 V~	25	50	36	75
230 V~	35	50	40	75

■ Tripping curves



at ambient $\theta = 40^\circ\text{C}$
 I = actual current
 I_r = max. adjustment current of thermal release
 ① = thermal release zone when cold
 ② = thermal release zone when hot (in steady state)

■ Thermal stress limitation curves



I_{cc} = prospective short-circuit symmetrical current (rms values in A)
 I^2t = limited thermal stress (in A^2s)

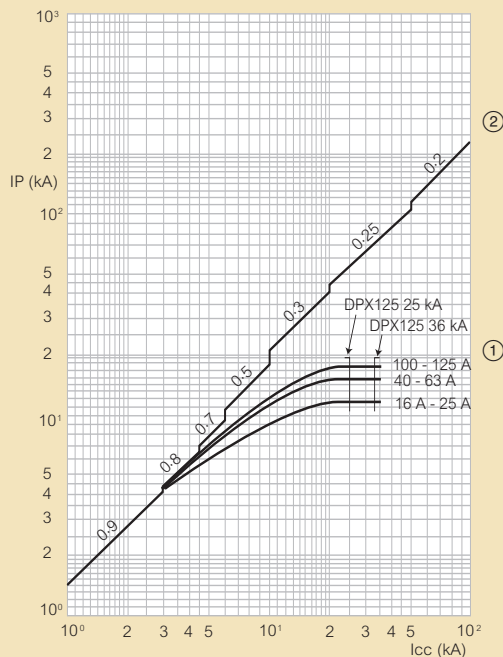
Nominal current (In) at 40 °C (A) for DPX 125

In (Å)	16	25	40	63	100	125
Phase	16	25	40	63	100	125
N	16	25	40	63	100	125
N/2	–	–	–	–	63	63

Fixed magnetic threshold (Im) (A)⁽¹⁾ for DPX 125

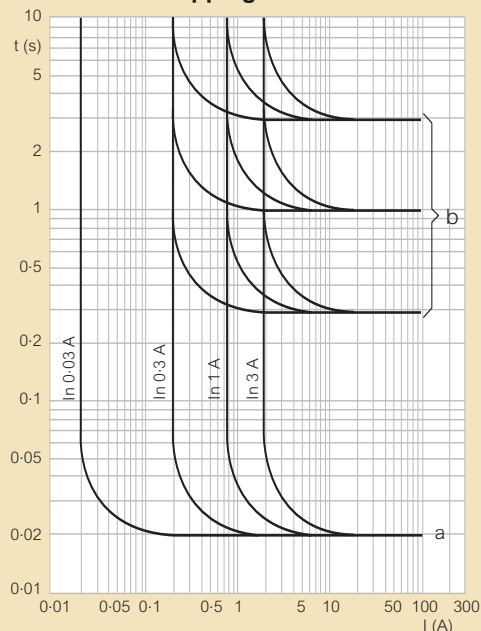
In (A)	16	25	40	63	100	125
Phase	480	625	800	950	1250	1250
N	480	625	800	950	950	950

■ Current limitation curves



ICC = prospective short-circuit symmetrical current (rms values in kA)
 IP = maximum peak value (kA)
 ① = current, max. peak, short-circuit rms
 ② = current, unlimited peak (max.), corresponding to power factors shown above (0.15 to 0.9)

■ Differential tripping curves



- Δ(A) = earth leakage current
- Δn = nominal earth leakage current
- a = instantaneous tripping point
- b = 3 possible delay settings (0.3, 1 and 3 seconds)

(1) Trip current for 50/60 Hz
For direct current, multiply by 1.5

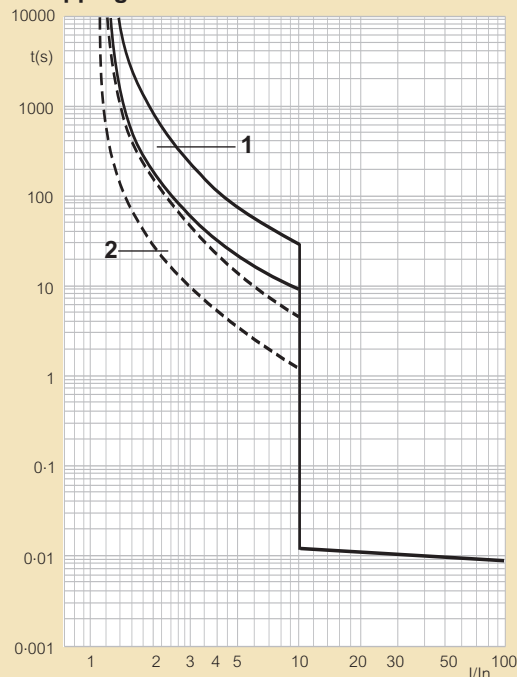
■ Electrical characteristics

Maximum nominal operating function	500 V~ - 250 V=
Nominal frequency	50/60 Hz
Category of use	A
Thermal adjustment	0-64 to 1 In
Maximum permitted cross-sections	rigid cables : 185 mm ² flexible cables : 150 mm ² copper bar (width) : 22 mm

Nominal breaking capacity (kA) (EN 60947-2 and IEC 60947-2)

Ue	DPX 250 ER 25 kA	
	Icu (kA)	Ics (%Icu)
400 V~	25	100
230 V~	40	100

■ Tripping curves



at ambient $\theta = 40^\circ\text{C}$

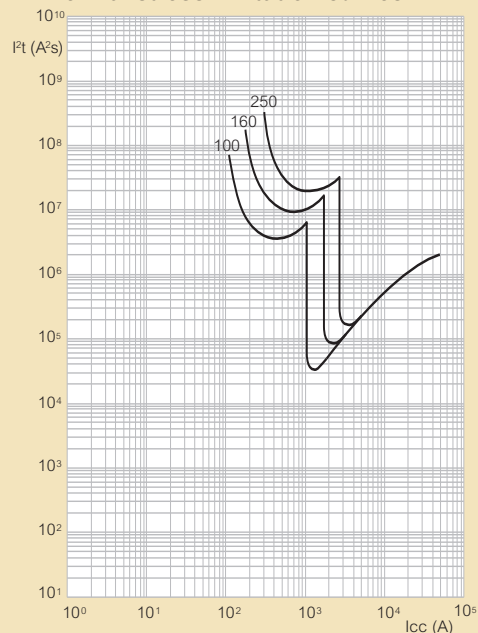
I = actual current

I_r = max. adjustment current of thermal release

① = thermal release zone when cold

② = thermal release zone when hot (in steady state)

■ Thermal stress limitation curves



I_{cc} = prospective short-circuit symmetrical current
(rms values in A)

I^2t = limited thermal stress (in A^2s)

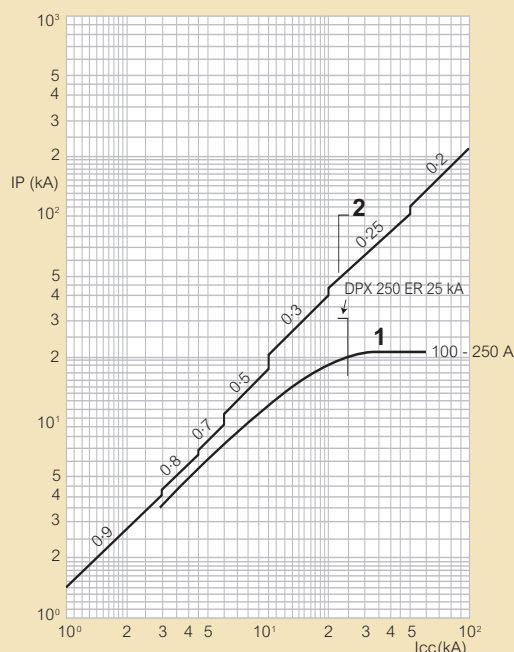
Nominal current (In) at 40 °C (A) for DPX 250 ER

In (A)	100	160	250
Phase	100	160	250
N	100	160	250
N/2	–	100	160

Fixed magnetic threshold (Im) (A) for DPX 250 ER

In (A)	100	160	250
Phase	1 000	1 600	2 500
N	1 000	1 600	2 500
N/2	—	1 000	1 600

■ Current limitation curves



I_{cc} = prospective short-circuit symmetrical current

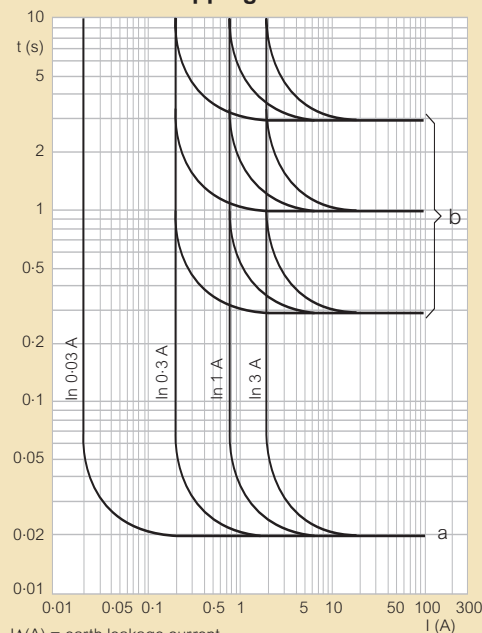
(rms values in kA)

IP = maximum peak value (kA)

① = current, max.peak, short-circuit rms

② = current, unlimited peak (max.), corresponding to power factors shown above (0.2 to 0.9)

■ Differential tripping curves



$I_{\Delta}(A)$ = earth leakage current

$I_{\Delta n}$ = nominal earth leakage current

a = instantaneous tripping point

b = 3 possible delay settings (0.3, 1 and 3 seconds)

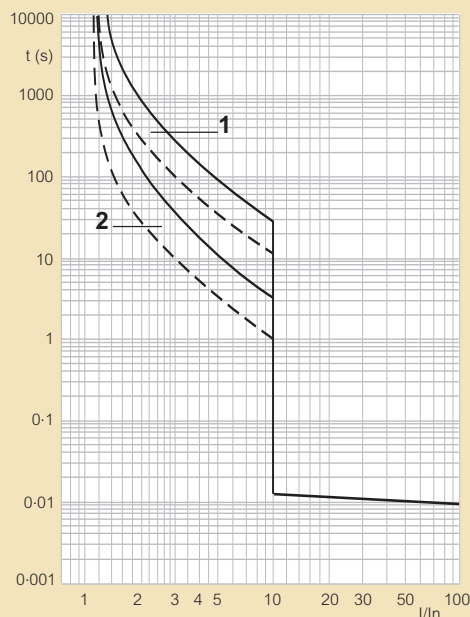
■ Electrical characteristics

Maximum nominal operating function	690 V~ - 250 V=
Nominal frequency	50/60 Hz
Category of use	A
Thermal adjustment	0.64 to 1 In
Magnetic release	3.5 to 10 In
Maximum permitted cross-sections	rigid cables : 185 mm ² flexible cables : 150 mm ² copper bar (width) : 25 mm

Nominal breaking capacity (kA) (EN 60947-2 and IEC 60947-2)

Ue	DPX 250 36 kA		DPX-H 250 70 kA	
	Icu (kA)	Ics (%Icu)	Icu (kA)	Ics (%Icu)
400 V~	36	100	70	75
230 V~	60	100	100	75

■ Tripping curves



at ambient $\theta = 40^\circ\text{C}$

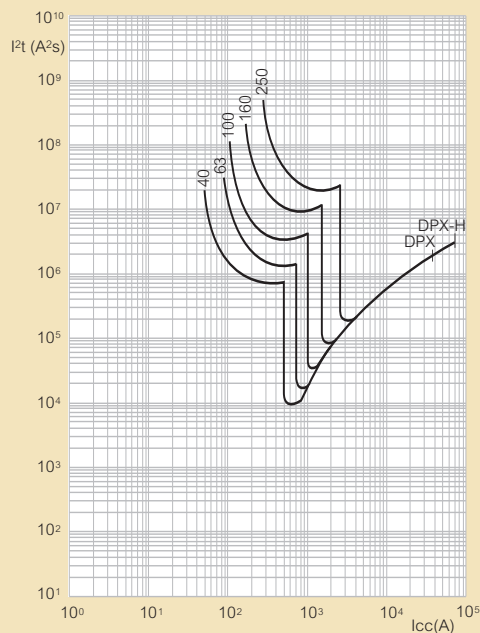
I = actual current

 $I_r \equiv \text{max. adjustment current of thermal release}$

① = thermal release zone when cold

② = thermal release zone when hot (in steady state)

■ Thermal stress limitation curves



I_{cc} = prospective short-circuit symmetrical current
(rms values in A)

I^2t = limited thermal stress (in A^2s)

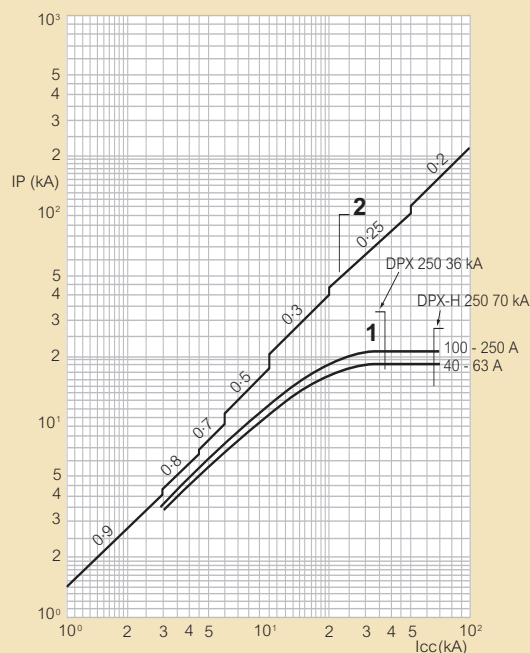
Nominal current (In) at 40 °C (A) for DPX 250

In (A)	40	63	100	160	250
Phase	40	63	100	160	250
N	40	63	100	160	250
N/2	40	63	63	100	160

Fixed magnetic threshold (Im) (A) for DPX 250

In (A)	40	63	100	160	250
Phase	140-400	220-630	350-1 000	560-1 600	900-2 500
N	140-400	220-630	220-630	350-1 000	560-1 600

■ Current limitation curves



I_{cc} = prospective short-circuit symmetrical current

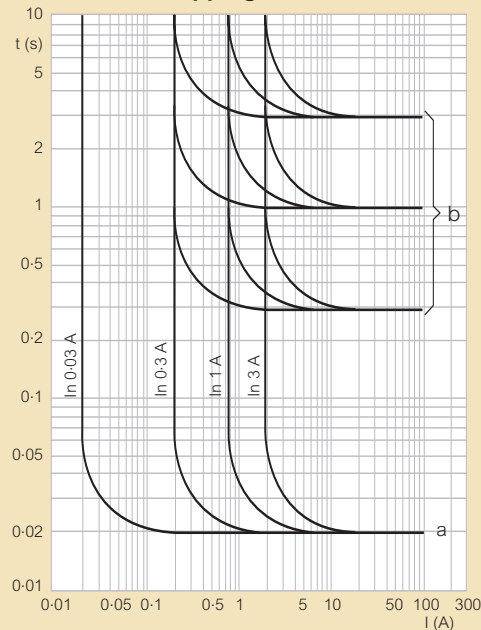
ICC = prospective:
(rms values in kA)

IP = maximum peak value (kA)

① = current, max.peak, short-circuit rms

② = current, unlimited peak (max.), corresponding to power factors shown above (0.2 to 0.9)

■ Differential tripping curves



$I_{\Delta}(A)$ = earth leakage current

$I_{\Delta n}$ = nominal earth leakage current

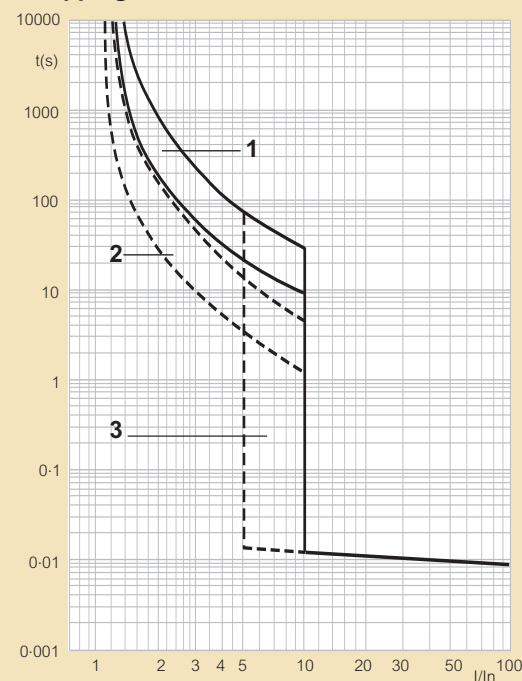
 a = instantaneous tripping point.

a = instantaneous tripping point
b = 3 possible delay settings (0.3, 1 and 3 seconds)

■ Electrical characteristics

Maximum nominal operating function	690 V~
Nominal frequency	50/60 Hz
Category of use	A
Thermal adjustment	0.8 to 1 In
Magnetic release	0.5 to 10 In
Maximum permitted cross-sections	rigid cables : 300 mm ² (or 2 x 240 mm ²) flexible cables : 240 mm ² (or 2 x 185 mm ²) copper bar (width) : 32 mm

■ Tripping curves



at ambient $\theta = 40^\circ\text{C}$

I = actual current

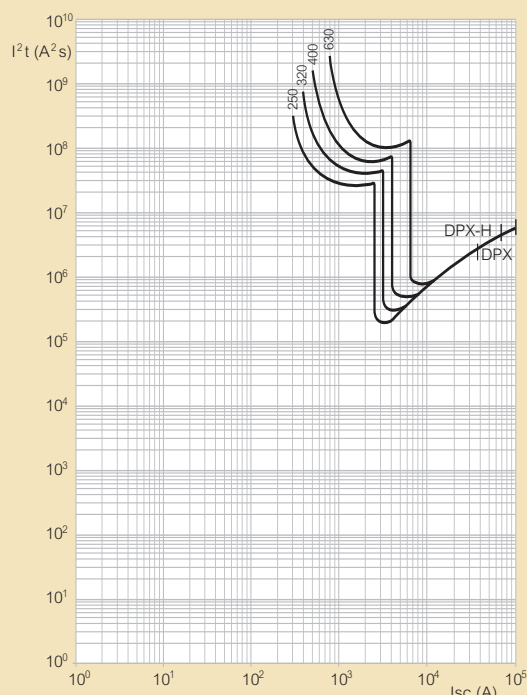
I_r = max. adjustment current of thermal release

① = thermal release zone when cold

② = thermal release zone when hot (in steady state)

③ = magnetic release zone

■ Thermal stress limitation curves



I_{cc} = prospective short-circuit symmetrical current
(rms values in A)

t^2 = limited thermal stress (in A^2s)

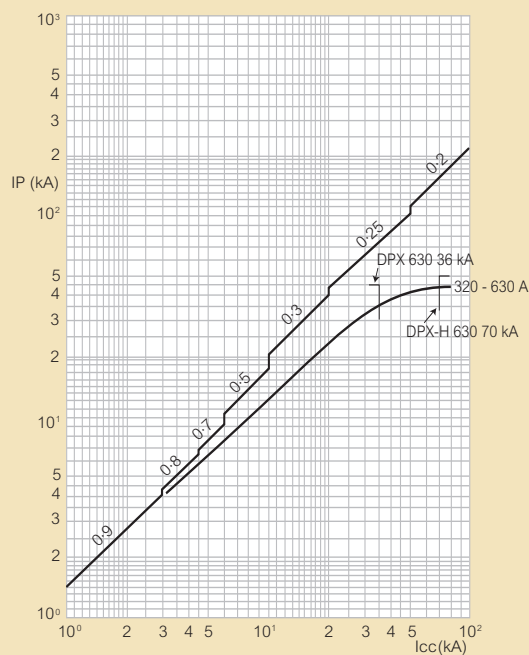
Nominal breaking capacity (kA) (EN 60947-2 and IEC 60947-2)

Ue	DPX 630		DPX-H 630	
	Icu (kA)	Ics (%Icu)	Icu (kA)	Ics (%Icu)
400 V~	36	100	70	75
230 V~	60	100	100	75

Nominal current (In) for DPX 630 and DPX-H 630

Phase	320	400	500	630
N	320	400	500	630
N/2	250	250	250	320

■ Current limitation curves



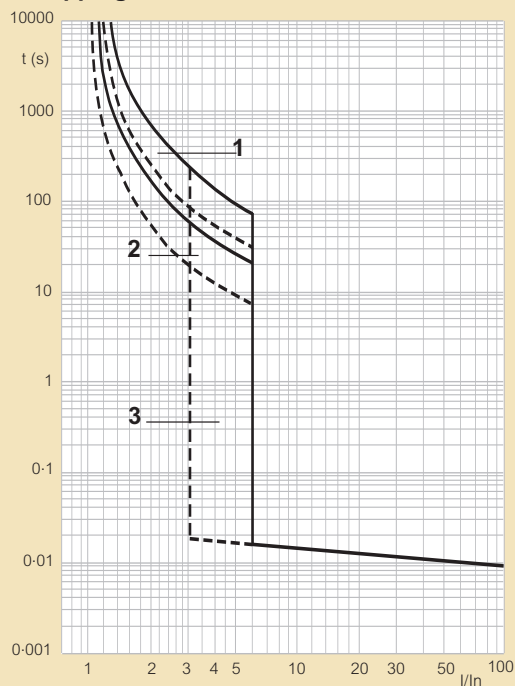
I_{cc} = prospective short-circuit symmetrical current
(rms values in kA)

 I^2t = limited thermal stress (in A^2s)

■ Electrical characteristics

Maximum nominal operating function	690 V~
Nominal frequency	50/60 Hz
Category of use	A
Thermal adjustment	0.8 to 1 ln
Maximum permitted cross-sections	2 or 4 rigid cables : 240 mm ² 2 or 4 flexible cables : 185 mm ² copper bar (width) : 50 mm

■ Tripping curves



at ambient $\theta = 40^\circ\text{C}$

I = actual current

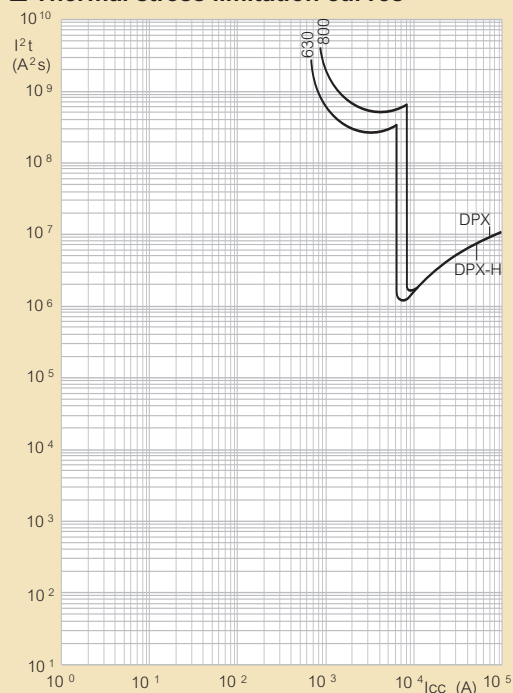
I_r = max. adjustment current of thermal release

① = thermal release zone when cold

② = thermal release zone when hot (in steady state)

③ = magnetic release zone

■ Thermal stress limitation curves



I_{cc} = prospective short-circuit symmetrical current
(rms values in A)

I^2t = limited thermal stress (in A^2s)

Nominal breaking capacity (kA) (EN 60947-2 and IEC 60947-2)

Ue	DPX 1 250		DPX-H 1 250	
	Icu (kA)	Ics (%Icu)	Icu (kA)	Ics (%Icu)
400 V~	50	100	70	75
230 V~	80	100	100	75

Nominal current (In) for DPX 1 250 and DPX-H 1 250

Phase	630	800
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Upstream MCCBs

[illegible]

■ Association and co-ordination of MCCBs (in kA)
In 3 phase networks + N 400/415 V~ according to IEC 60947-2

	DPX 125 25 kA	DPX 125 36 kA	DPX 250 ER 36 kA	DPX 250 36 kA	DPX-H 250 70 kA	DPX- 630 36 kA	DPX-H 630 70 kA	DPX 1250 50 kA	DPX-H 1250 70 kA
DPX-E 125	25	36	36	36	65	36	65	50	65
DPX 125 ⁽¹⁾		36	36	36	65	36	65	50	70
DPX 125 ⁽²⁾					70		70	50	70
DPX 250 ER ⁽³⁾					70		70	50	70
DPX 250 ER ⁽¹⁾					70		70		70
DPX 250					70		70	50	70
DPX-H 250									
DPX 630							100	50	70
DPX-H 630									70
DPX 1250									70
DPX-H 1250									

(1) 25 kA Icu (2) 36 kA Icu (3) 50 kA Icu

■ Association and co-ordination of MCCBs and MCBs (in kA)
In 3 phase networks 400 V~ according to IEC 60947-2

MCBs/MCCBs upstream																	Fuses upstream	
MCBs downstream		DX-H 10 kA B and C curves		DPX E 125	DPX 125	DPX 250 ER				DPX/H 250				DPX/H 630		DPX/H 1250	gG TYPE	
		2 to 32 A	40 to 63 A	16 to 125 A	16 to 125 A	63 A	100 A	160 A	250 A	63 A	100 A	160 A	250 A	160 and 400 A	630 A	500 to 800 A	20 to 50 A	63 to 125 A
DX-E 6 kA DX-D D ⁽¹⁾ curve	1 to 20 A	25	12.5	16	25	25	25	25	25	25	25	25	25	25	25	25	100	100
	25 A	25	12.5	16	25	25	25	25	25	25	25	25	25	25	25	20	100	100
	32 A		12.5	16	25	25	25	25	25	25	25	25	25	25	25	15	100	100
	40 A		12.5	16	25	25	25	25	25	25	25	25	20	20	20	15	100	100
	50 A			16	25	25	25	20	20	25	25	20	15	15	15	12.5		100
	63 A			16	25		20	15	15	20	20	15	15	15	15	12.5		100
DX-H 10 kA B and C ⁽¹⁾ curves	1 to 16 A			16	25	25	25	25	25	25	25	25	25	25	25	25		100
	20 A			16	25	25	25	25	25	25	25	25	25	25	25	25		100
	25 A			16	25	25	25	25	25	25	25	25	25	25	25	20		100
	32 A			16	25	25	25	25	25	25	25	25	25	25	25	15	100	100
	40 A			16	25	25	25	25	25	25	25	25	20	20	20	15	100	100
	50 A			16	25	25	25	20	20	25	25	20	15	15	15	12.5	100	100
	63 A			16	25	25	20	15	15	20	20	15	15	15	15	12.5	100	100
	80 A				20			20	20		20	20	20	20	15	12.5	100	100
	100 A				20			20	20			20	20	20	15	12.5		100
	125 A							15	15			15	15	15	10	10		100

(1) The magnetic threshold of the upstream circuit breaker must be higher than the magnetic threshold of the downstream circuit breaker

■ Association and co-ordination of MCCBs and MCBs (in kA)
In 3 phase networks + N 230/240 V~ according to IEC 60947-2

MCBs downstream		MCBs/MCCBs upstream														Fuses upstream	
		DX-H 10 kA B and C curves		DPX-E 125	DPX 125	DPX 250 ER				DPX/H 250				DPX/H 630	DPX/H 1250		
		2 to 32 A	40 to 63 A	16 to 125 A	16 to 125 A	63 A	100 A	160 A	250 A	63 A	100 A	160 A	250 A	250 to 400 A	500 to 800 A	gG TYPE	
DX-E 6 kA DX-D D ⁽¹⁾ curve	1 to 25 A	50	25	22	35	50	50	50	50	50	50	50	50	50	50	100	100
	32 & 40 A		25	22	35	50	50	50	50	50	50	50	50	50	50	100	100
	50 A			16	25	36	36	36	36	45	45	36	30	30	25		100
	63 A			16	25		30	30	30		45	30	30	30	25		100
	80 A			16	25		25	25	25		25	25	25	25	20		100
	100 A			16	25			25	25			25	25	25	20		100
	125 A							25	25			25	25	25	20		100
DX-H 10 kA B and C ⁽¹⁾ curves	1 to 40 A			22	35	50	50	50	50	50	50	50	50	50	50	100	100
	50 A			16	25	36	36	36	36	45	45	36	30	30	25		100
	63 A			16	25		30	30	30		45	30	30	30	25		100

(1) The magnetic threshold of the upstream circuit breaker must be higher than the magnetic threshold of the downstream circuit breaker

TT or TNS neutral earthing systems : For a 230/400 V supply in order to determine the breaking capacity of a 2 P MCB used as L + N (230 V) downstream a 2 P or 4 P circuit breaker use values indicated in the table for 230/240 V

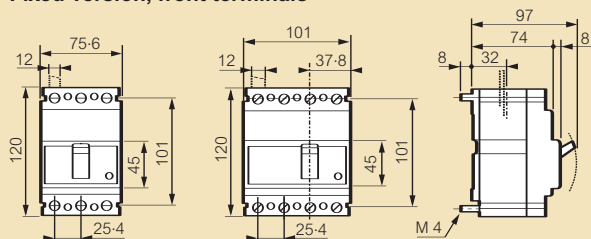
Note : selectivity table - MCCBs (see previous page)

DPX® 125

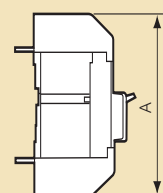
DPX® 250 ER

■ Dimensions

Fixed version, front terminals

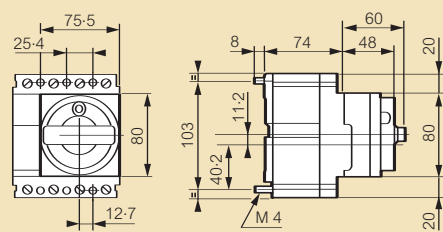


Terminal shields

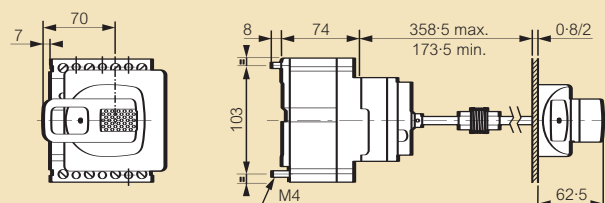


	A (mm)
DPX 125	170
DPX 125 + earth leakage module mounted underneath	260

Rotary handle direct on DPX

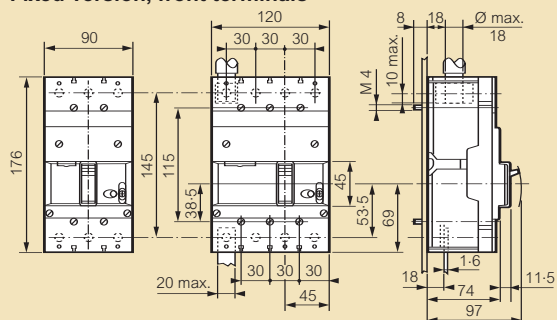


Vari-depth handle

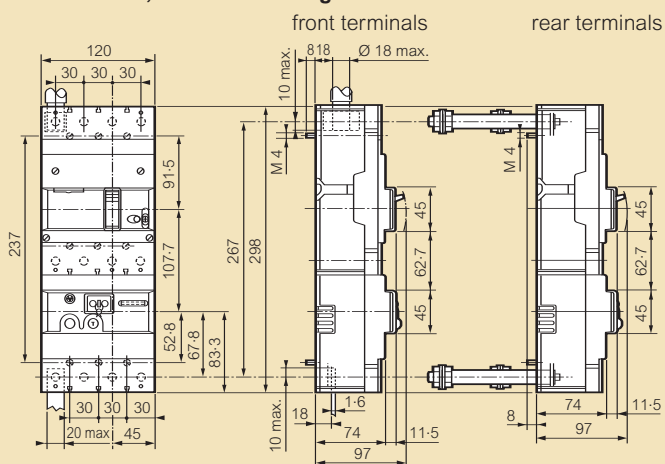


■ Dimensions

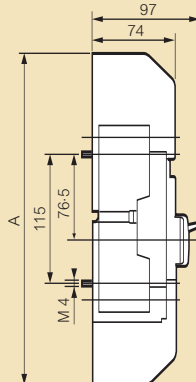
Fixed version, front terminals



Fixed version, with earth leakage module mounted underneath

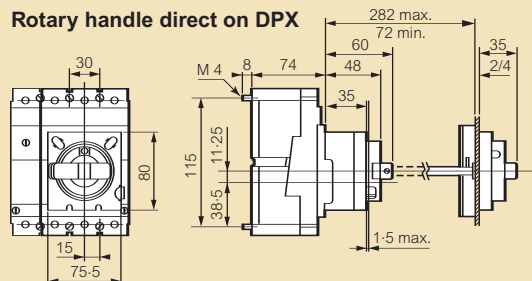


Terminal shields

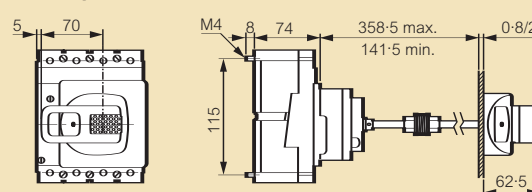


	A (mm)
DPX 250 ER	296
DPX 250 ER + earth leakage module mounted underneath	418

Rotary handle direct on DPX

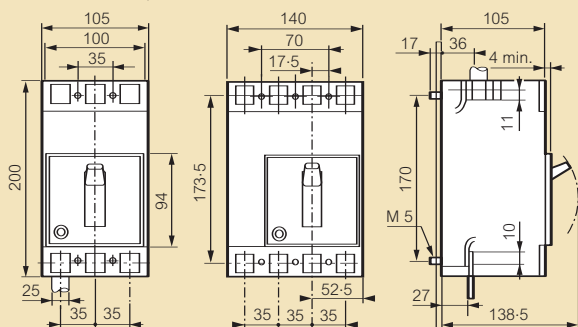


Vari-depth handle

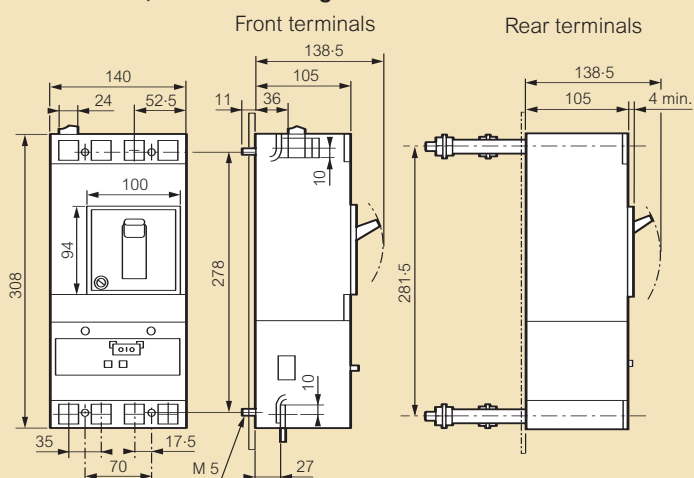


■ Dimensions

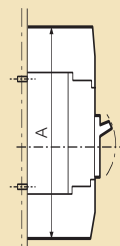
Fixed version, front terminals



Fixed version, with earth leakage module mounted underneath⁽¹⁾

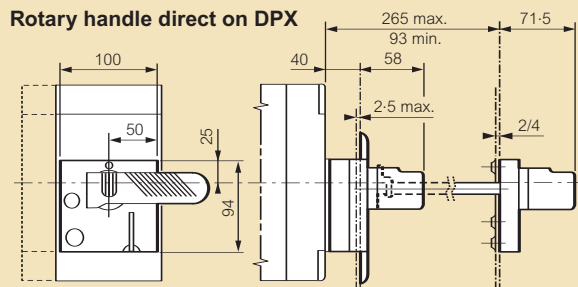


Terminal shields

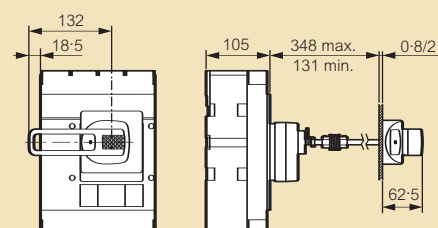


	A (mm)
DPX 250	330
DPX 250 + earth leakage module mounted underneath	438

Rotary handle direct on DPX



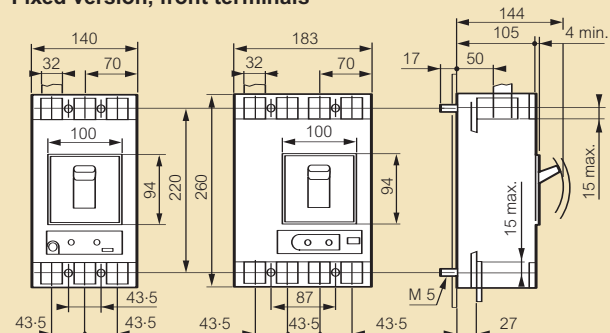
Vari-depth handle



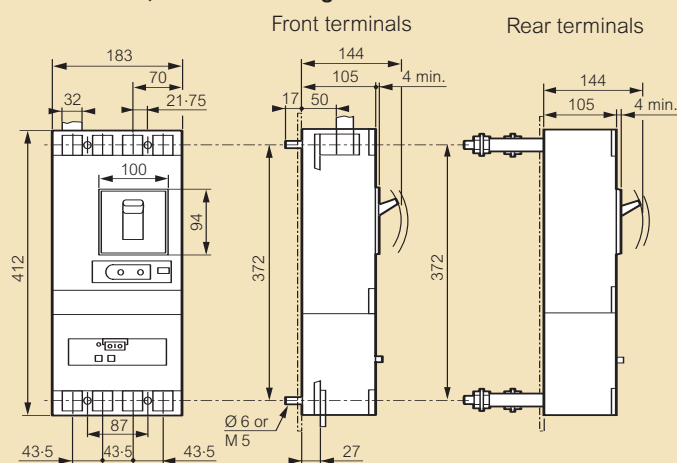
(1) The dimensions of the 3-pole earth leakage modules are the same as the dimensions of the 4-pole earth leakage modules

■ Dimensions

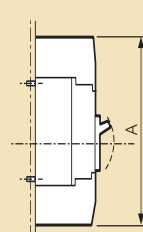
Fixed version, front terminals



Fixed version, with earth leakage module mounted underneath⁽¹⁾

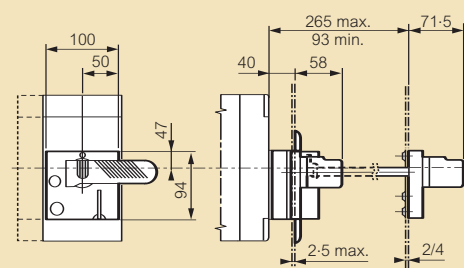


Terminal shields

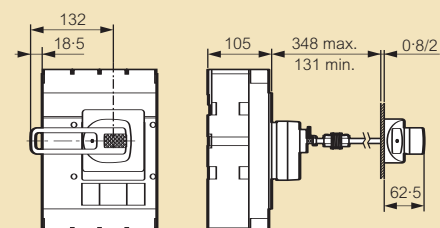


	A (mm)
DPX 630	390
DPX 630 + earth leakage module mounted underneath	542

Rotary handle direct on DPX



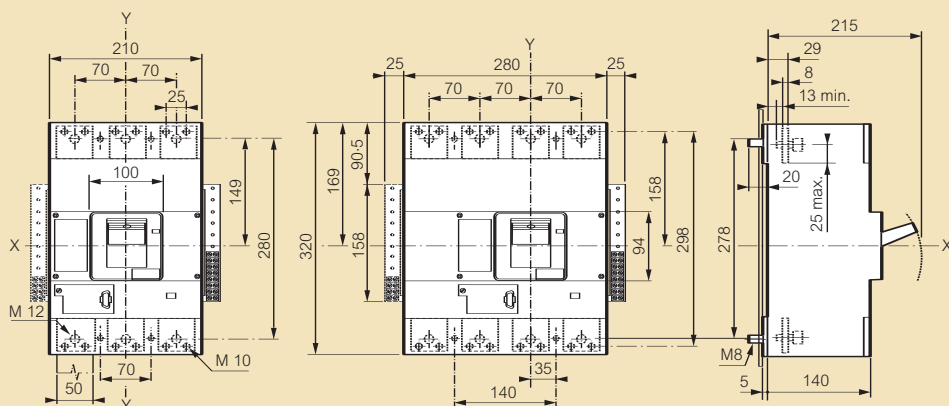
Vari-depth handle



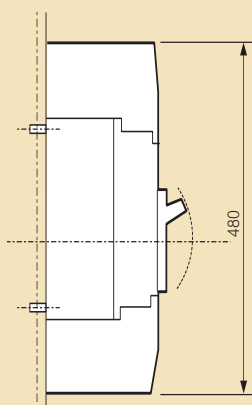
(1) The dimensions of the 3-pole earth leakage modules are the same as the dimensions of the 4-pole earth leakage modules

■ Dimensions

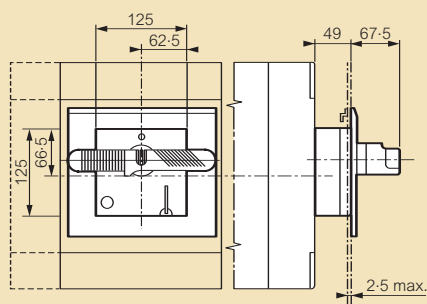
Fixed version, front terminals



Terminal shields



Rotary handle direct on DPX



Vari-depth handle

