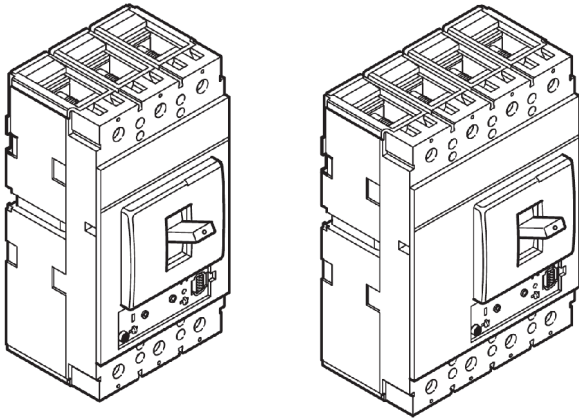


DPX 630

Electronic release

Reference(s) : 256 00/ 01/ 02/ 03/ 04/ 05/ 06/ 07/ 08/ 09/ 10/ 11/ 12/ 13/ 14/ 15/ 16/ 17/ 18/ 19/ 20/ 21/ 22/ 23/ 25/ 26/ 27/ 28/ 29/ 30/ 31/ 32/ 33/ 34/ 35/ 36/ 37/ 38/ 39/ 40/ 41/ 42/ 43/ 44/ 45/ 46/ 47/ 48/ 50/ 51/ 52/ 53/ 54/ 55/ 56/ 57/ 58/ 59/ 60/ 61/ 62/ 63/ 64/ 65/ 66/ 67/ 68/ 69/ 70/ 71/ 72/ 73



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1. USE

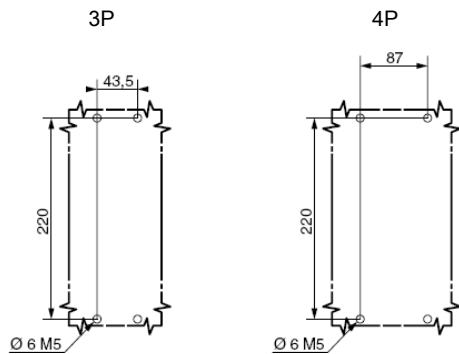
DPX "moulded case" offers optimal solutions to answer protection requirements of tertiary and industrial installations.

2. RANGE

Current	Version	3P			4P		
		36	70	100	36	70	100
160	S1	256 00	256 08	256 16	256 04	256 12	256 20
	S2	256 25	256 33	256 41	256 29	256 37	256 45
	Sg	256 50	256 58	256 66	256 54	256 62	256 70
250	S1	256 01	256 09	256 17	256 05	256 13	256 21
	S2	256 26	256 34	256 42	256 30	256 38	256 46
	Sg	256 51	256 59	256 67	256 55	256 63	256 71
400	S1	256 02	256 10	256 18	256 06	256 14	256 22
	S2	256 27	256 35	256 43	256 31	256 39	256 47
	Sg	256 52	256 60	256 68	256 56	256 64	256 72
630	S1	256 03	256 11	256 19	256 07	256 15	256 23
	S2	256 28	256 36	256 44	256 32	256 40	256 48
	Sg	256 53	256 61	256 69	256 57	256 65	256 73

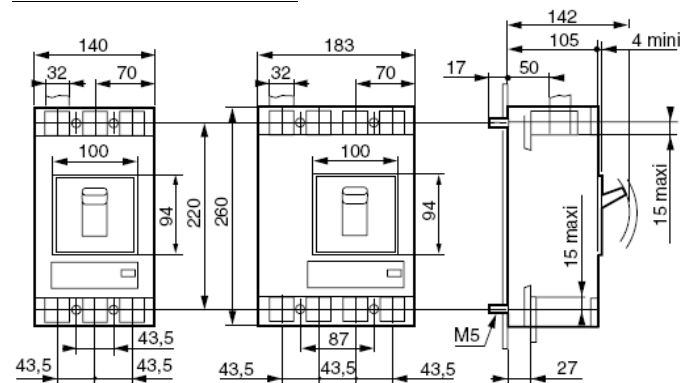
3. DIMENSIONS

Implantation

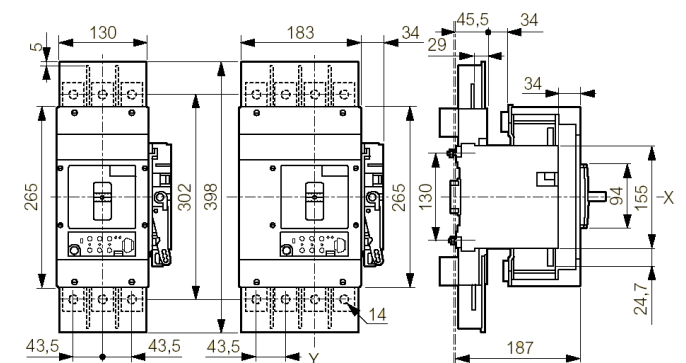


3. DIMENSIONS (NEXT)

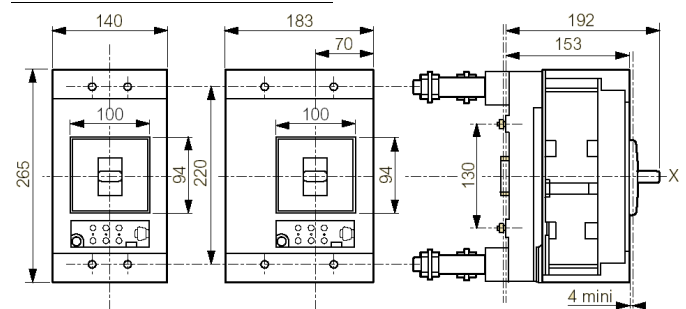
Front terminals, fixed version :



Plug-in version, front terminals :



Rear terminals with threaded rod :



DPX 630

Electronic release

Reference(s) : 256 00/ 01/ 02/ 03/ 04/ 05/ 06/ 07/ 08/ 09/ 10/ 11/ 12/ 13/ 14/ 15/ 16/ 17/ 18/ 19/ 20/ 21/ 22/ 23/ 25/ 26/ 27/ 28/ 29/ 30/ 31/ 32/ 33/ 34/ 35/ 36/ 37/ 38/ 39/ 40/ 41/ 42/ 43/ 44/ 45/ 46/ 47/ 48/ 50/ 51/ 52/ 53/ 54/ 55/ 56/ 57/ 58/ 59/ 60/ 61/ 62/ 63/ 64/ 65/ 66/ 67/ 68/ 69/ 70/ 71/ 72/ 73

4. OVERVIEW

4.1 Supplied

Connection plates for bars :

- Width 32 mm max

Seals for adjustment (supplied)

4.2 Mounting possibility

On plate :

- Vertical
- Horizontal
- Supply inverter type

5. CONNECTION

See table B.

6. ELECTRICAL AND MECHANICAL CHARACTERISTICS

Circuit breaker	DPX 630 H/L
Uninterrupted nominal current I _n (A)	630
Short time admissible current I _{cw} (kA) (for 0,05 to 0,3s)	5 (only DPX 630 400A elec)
Isolated voltage U _i (Va.c.)	690
Maximum rated operating voltage U _e (Va.c.)	690
Rated impulse withstand voltage U _{imp} (kV)	8
Nominal frequency (Hz)	50-60
Operating temperature (°C)	-25+70
Endurance electrical / mechanical	5.000/15.000
Category of use	B (for DPX 630 400A elec) - A (for DPX 630 630A elec)
Type of trip	electronic
Electronic trip S1	yes
Electronic trip S2	yes
Electronic trip Sg	yes
Thermal adjustment (I _r)	(0,4, 0,5, 0,6, 0,7, 0,8, 0,9, 0,95, 1) x I _n
Magnetic adjustment (I _m)	(1,5, 2, 3, 4, 5, 6, 8, 10) x I _r
Neutral adjustment	(0, 0,5, 1) x I _n
Dimensions (wxhxd) (mm)	140x260x105 (3P) 183x260x105 (4P)
Weight (kg)	4,5 (3P) – 6,4 (4P)

6.1 Breaking capacity (kA)

Breaking capacity I _{cu} and I _{cs} in AC (kA)				
	U _e		H	L
I _{cu} (kA)	230V	60	100	170
	400V	36	70	100
	440V	30	60	70
	500V	25	40	40
	600V	20	25	25
	690V	16	20	20
I _{cs} (%I _{cu})	-	100	75	50
Rated making capacity under short-circuit I _{cm} (kA)				
I _{cm} (kA)	400V	75,6	154	220

6.2 Nominal current (I_n) at 40 °C (A)

I _n (A)	Assigned current trip	
	thermal	
	L1-L2-L3	N
160	160	0-80-160
250	250	0-125-250
400	400	0-200-400
630	630	0-315-630

6.3 Power losses per pole under I_n

Power losses per pole (W)				
I _n (A)	160	250	400	630
DPX 630 éle	2,97	7,25	18,45	46,04
Eath leakage	0,51	1,25	3,2	8
Kit plug-in	2	5	12,8	32

Total power losses is the sum of the different accesories value instal.

6.4 Functioning in particular conditions

6.4.1 Temperature

For derating temperature with other configuration, see table A.

6.4.2 Altitude

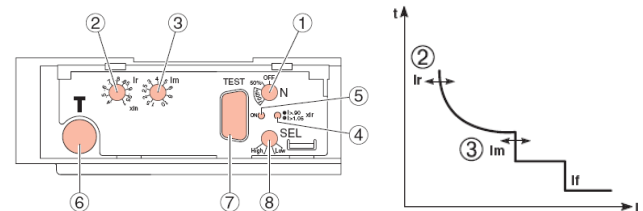
Altitude			
Altitude (mt)	2000	3000	4000
U _e (V)	690 V	600 V	480 V
I _n (A) (T _a =40°C)	I _n	0,96 x I _n	0,93 x I _n

6.4.3 Use in 400Hz or in DC.

It is not possible with electronic release.

6.5 ELECTRONIC RELEASE

6.5.1 Version S1 – Adjustment of I_r, I_m



1 Adjustment neutral pole (only for 4P). 2 Adjustment long delay protection against overloads. 3 Adjustment short delay protection against short-circuits. 4 LED RED., Fixed I_r ≥ 0,9I_r ; flushing I_r ≥ 1,05I_r 5 LED GREEN, normal operation minimum current for indicator lamp operation I_r ≥ 0,3 I_n. 6 Mechanical test. 7 Connector for test unit. 8 Dynamic selectivity.

THERMIQUE AUTOPROTECTION

Intern temp, a probe advertise for anormal temp inside of the release (> 75°C). In case of temp increase, the two lamp flusing together. **N.B.:** Adjustment are protect by a transparent shield witch can be seal.

Long delay protection against overloads with an adjustable threshold bases on the rms value of the current:

- I_r = 0,4 - 0,5 - 0,6 - 0,7 - 0,8 - 0,85 - 0,9 - 0,95 - 1 x I_n (9 steps)
- T_r = 5s (fixe à 6 tr)

Short delay protection against short-circuits with an adjustable I_m threshold :

- I_m = 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 x I_r (9 steps)
- T_m = 0,05s (fixed)

Instantaneous protection if with fixed threshold :

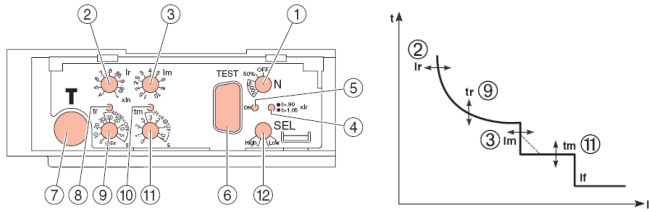
- I_f = 5kA

DPX 630

Electronic release

Reference(s) : 256 00/ 01/ 02/ 03/ 04/ 05/ 06/ 07/ 08/ 09/ 10/ 11/ 12/ 13/ 14/ 15/ 16/ 17/ 18/ 19/ 20/ 21/ 22/ 23/ 25/ 26/ 27/ 28/ 29/ 30/ 31/ 32/ 33/ 34/ 35/ 36/ 37/ 38/ 39/ 40/ 41/ 42/ 43/ 44/ 45/ 46/ 47/ 48/ 50/ 51/ 52/ 53/ 54/ 55/ 56/ 57/ 58/ 59/ 60/ 61/ 62/ 63/ 64/ 65/ 66/ 67/ 68/ 69/ 70/ 71/ 72/ 73

6.5.2 Version S2 - Adjustment I_r , T_r , I_m , T_m



1 Adjustment neutral pole (only for 4P).. 2 Adjustment long delay protection against overloads 3 Adjustment short delay protection against short-circuits. 4 LED RED.. Fixed $I \geq 0,9I_r$; flushing $I \geq 1,05I_r$ 5 LED GREEN, normal operation minimum current for indicator lamp operation $I \geq 0,2 I_n$. 6 Connector for test unit. 7 Mechanical test. 8 et 10 LED REDS, Tripping signal (Plan an alim 12V cc). 9 Adjustment time for long delay protection. 11 Adjustment time for short delay protection. 12 Dynamic selectivity. **N.B.: Adjustment are protect by a transparent shield witch can be seal.**

Long delay protection against overloads with an adjustable threshold bases on the rms value of the current :

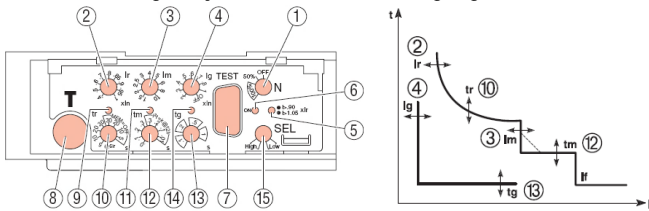
- $I_r = 0,4 - 0,5 - 0,6 - 0,7 - 0,8 - 0,85 - 0,9 - 0,95 - 1 \times I_n$ (9 steps)
- $T_r = 5 - 10 - 20 - 30s$ (à 6 I_r) (4 steps) (or 4 steps with mem. OFF)

Short delay protection against short-circuits with an adjustable I_m threshold :

- $I_m = 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 \times I_r$ (9 steps)
- $T_m = 0,05 - 0,1 - 0,2 - 0,3s$ (4 steps)
- $T_m = 0,05 - 0,1 - 0,2 - 0,3s$ à 12x I_r ($I_2 t$ constante) (4 steps)

Instantaneous protection if with fixed threshold : $I_f = 5kA$

6.5.3 Version Sg - Adjustment I_r , T_r , I_m , T_m , I_g , T_g



1 Adjustment neutral pole (only for 4P). 2 Adjustment long delay protection against overloads. 3 Adjustment short delay protection against short-circuits. 4 Adjustment for ground fault. 5 LED RED.. Fixed $I \geq 0,9I_r$; flushing $I \geq 1,05I_r$ 6 LED GREEN, normal operation minimum current for indicator lamp operation $I \geq 0,2 I_n$. 7 Connector for test unit. 8 Mechanical test 9,11 et 14 LED REDS, Tripping signal (Plan an alim 12V cc). 10 Adjustment time for long delay protection. 12 Delay for ground fault. 13 Adjustment time for short delay protection. 15 Dynamic selectivity.

N.B.: Adjustment are protect by a transparent shield witch can be seal.

Long delay protection against overloads with an adjustable threshold bases on the rms value of the current :

- $I_r = 0,4 - 0,5 - 0,6 - 0,7 - 0,8 - 0,85 - 0,9 - 0,95 - 1 \times I_n$ (9 steps)
- $T_r = 5 - 10 - 20 - 30s$ (à 6 I_r) (4 steps) (or 4 steps with mem. OFF)

Short delay protection against short-circuits with an adjustable I_m threshold :

- $I_m = 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 \times I_r$ (9 steps)
- $T_m = 0,05 - 0,1 - 0,2 - 0,3s$ (4 steps)
- $T_m = 0,05 - 0,1 - 0,2 - 0,3s$ à 12x I_r ($I_2 t$ constante) (4 steps)

Instantaneous protection if with fixed threshold : $I_f = 5kA$

Measure of ground fault :

- $I_g : 0,2 - 0,3 - 0,4 - 0,5 - 0,6 - 0,7 - 0,8 - 1 \times I_n$ (8 steps)
- $T_g : 0,1 - 0,2 - 0,5 - 1s$ (4 steps)

7. CONFORMITY

IEC 60 947-2
EN 60947-2
NF C
VDE
BS
UNE
CEI

7.1 MARKING

References normatives

IEC 60947-2 cat A	$I_n \geq 630$	$I_{imp} \geq 8kV$	$U_e [V]$	50-50 Hz					Performances électrique
EN 60947-2	$I_{cu} = 36kA$	$U_{imp} = 100\% I_{cu}$	$I_{cu} [kA]$	230	400	440	480/500	690	
CEI UNE	$I_{cu} = 36kA$	$I_{cs} = 100\% I_{cu}$	$I_{cu} [kA]$	60	36	30	25	15	
BS VDE UTE									

Identification du pouvoir de coupure

Symbole électrique

Position des contacts

Caractéristiques

" Tropical climate " :

- execution II (all climates) according to guide UTE C63100

8. EQUIPMENTS AND ACCESSORIES

8.1 Earth leakage modules:

Earth leakage characteristics for DPX 630		
	Standard	with LED
Type	A-S	A-S
Uninterrupted nominal current I_n (A)	630	630
Rated earth leakage current I_{dn} (A)	0.03÷3	0.03÷3
Rated isolated voltage U_i (V.a.c.)	500	500
Rated operating voltage U_e (V.a.c.) (50-60Hz)	500	500
Operating voltage (V.a.c.) (50-60Hz)	230÷500	110÷500
Nominal frequency (Hz)	50-60	50-60
Operating temperature (°C)	-25÷70	-25÷70
Trip	electronic	electronic
Earth leakage protection adjustment I_{dn} (A)	0.03÷3	0.03÷3
Earth leakage time adjustment (s)	0.03-1-3	0.03-1-3
Earth leakage breaking capacity I_{dm} (% I_{cu})	60	60
Mounted side-by-side	no	no
Montage underneath	yes	yes
50% Earth fault detection contact I_{dn}	no	yes
Clip on rail DIN35	no	no
Dimensions moulded case (wxhxd) (mm)	183x152x105 (underneath)	183x152x105 (underneath)
	3,1 (underneath)	3,1 (underneath)

(Power losses, see table 6.4)

Standard		
400A	3P	ref. 260 60
	4P	ref. 260 61
630A	3P	ref. 260 64
	4P	ref. 260 65
LED version		
400A	4P	ref. 260 63
630A	4P	ref. 260 67

DPX 630

Electronic release

Reference(s) : 256 00/ 01/ 02/ 03/ 04/ 05/ 06/ 07/ 08/ 09/ 10/ 11/ 12/ 13/ 14/ 15/ 16/ 17/ 18/ 19/ 20/ 21/ 22/ 23/ 25/ 26/ 27/ 28/ 29/ 30/ 31/ 32/ 33/ 34/ 35/ 36/ 37/ 38/ 39/ 40/ 41/ 42/ 43/ 44/ 45/ 46/ 47/ 48/ 50/ 51/ 52/ 53/ 54/ 55/ 56/ 57/ 58/ 59/ 60/ 61/ 62/ 63/ 64/ 65/ 66/ 67/ 68/ 69/ 70/ 71/ 72/ 73

8.2 Releases :

- shunt releases (Power consumption= 300 VA) with voltage:
 - 24 V ~ et = ref. 261 64
 - 48 V ~ et = ref. 261 65
 - 110 V ~ et = ref. 261 66
 - 230 V ~ et = ref. 261 67
 - 400 V ~ et = ref. 261 68
- undervoltage releases (Power consumption = 5 VA) with voltage :
 - 24 V = ref. 261 80
 - 24 V ~ ref. 261 81
 - 48 V = ref. 261 82
 - 110 V ~ ref. 261 86
 - 230 V ~ ref. 261 83
 - 400 V ~ ref. 261 84

- time-lag undervoltage releases (800 ms)
- Time-lag modules with voltage :

24Vac/dc	ref 26192+ref 26190 / 91
230V ac	ref. 261 90
400V ac	ref. 261 91
Universal Release	ref. 261 85

8.3 C Auxiliary contact

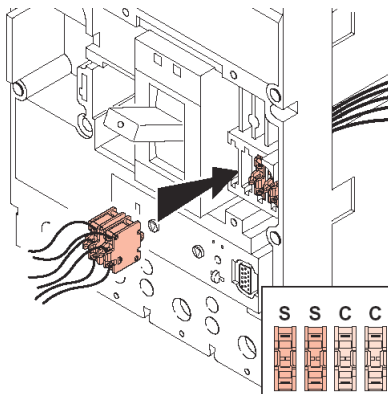
Changeover switch 3 A – 240 V ~ ref. 261 60

For signalling the state of the contacts or opening of the DPX on a fault:

Auxiliary contact (standard)	C
Fault signal	S

Auxiliary contact		
Nominal voltage (Vn)	(Va.c/d.c.)	24 to 250
Intensity (A)	24 Vd.c.	5
	48 Vd.c.	1,7
	110 Vd.c.	0,5
	230 Vd.c.	0,25
	110 Va.c.	4
	230/250 Va.c.	3

Configurations:
DPX 630 → 2 auxiliary contact + 2 fault signal



8.4 Rotary handles :

- Direct on DPX
- Standard (black) ref. 262 41
 - For emergency use (red / yellow) ref. 262 24
- Adapting on standard handle
- Vari-deph handle IP55
- Standard (black) ref. 262 81
 - For emergency use (red / yellow) ref. 262 82
- Adapting on standard handle
- Locking accessories
- Eurolocks for vari-deph handle ref. 262 92
 - Profalux for vari-deph handle ref. 262 93
 - Ronis for vari-deph handle ref. 262 94
 - Eurolocks for direct handle ref. 262 25

8.5 Motor-driven handles :

- Front operated
- Voltage 24 V ~ et = ref. 261 40
 - Voltage 230 V ~ ref. 261 44

- Locking accessories
- Ronis ref. 261 59
 - Profalux ref. 261 58

8.6 Mechanical accessories :

- Insulated shields
- Set of 3 ref. 262 30

- Sealable terminal shields
- Set of 2 3P ref. 262 44
 - Set of 2 4P ref. 262 45

- Padlocks
- Accessories for locking in open position ref. 262 40

8.7 Connection's accessories :

- Cage terminals
- J Set of 4 terminals for cables 300mm² max (rigid) or 240mm² max (flexible) Cu/Al ref. 262 50
 - Set of 4 terminals for cables 2x240mm² max (rigid) or 2x180mm² max (flexible) Cu/Al ref. 262 51

- Extended front terminals
- Set of 4 ref. 262 47

- Spreaders
- Set of 3 (incoming or outgoing 3P) ref. 262 48
 - Set of 4 (incoming or outgoing 4P) ref. 262 49

- Rear terminals
(use to connect fixed version with front terminals into fixed version with rear termina)
- Set of swivel terminals, incoming or outgoing
 - 3P ref. 263 50
 - 4P ref. 263 51
 - Set of flat rear terminals, incoming or outgoing
 - 3P ref. 263 52
 - 4P ref. 263 53

DPX 630

Electronic release

Reference(s) : 256 00/ 01/ 02/ 03/ 04/ 05/ 06/ 07/ 08/ 09/ 10/ 11/ 12/
13/ 14/ 15/ 16/ 17/ 18/ 19/ 20/ 21/ 22/ 23/ 25/ 26/ 27/ 28/ 29/ 30/ 31/ 32/ 33/
34/ 35/ 36/ 37/ 38/ 39/ 40/ 41/ 42/ 43/ 44/ 45/ 46/ 47/ 48/ 50/ 51/ 52/ 53/ 54/
55/ 56/ 57/ 58/ 59/ 60/ 61/ 62/ 63/ 64/ 65/ 66/ 67/ 68/ 69/ 70/ 71/ 72/ 73

8.8 Plug-in version

(A plug-in is a DPX fitted with tulip contacts mounted on a base)

Tulip contact

- Set of tulip contact (supplied with an incoming/outgoing protective cover)

3P	ref 265 50
4P	ref 265 51

Bases

- front terminal mounting base

3P	ref 265 52
4P	ref 265 53

- rear terminal mounting base with threaded rod

3P	ref 265 54
4P	ref 265 55

- flat rear terminal mounting base t

3P	ref 265 56
4P	ref 265 57

Bases with earth leakage underneath mounting

- front terminal mounting base ref 265 58
- rear terminal mounting base with threaded rod ref 265 59
- Flat rear terminal mounting base ref 265 60

Accessories

- Set of 2 extractor handle ref 263 68
- Set of connectors (8-pin) ref 263 99
- Signalling contact (plugged-in / drawn-out) ref 265 74

8.9 Draw-out version

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

«Débro-lift » mechanism

- For DPX base only
 - 3P ref 265 66
 - 4P ref 265 67
- For DPX base with earth leakage module ref 265 68

Key lock for « Debro-lift » mechanism

- For DPX only
 - Ronis ref 265 76
 - Profalux ref 263 48
- For motorised DPX or with rotary handle
 - Ronis ref 265 78
 - Profalux ref 265 77

Accessories for « Debro-lift » mechanism

- Isolated handle for drawing-out ref 265 75
- Signalling contact (plugged-in / drawn-out) ref 265 74

DPX 630

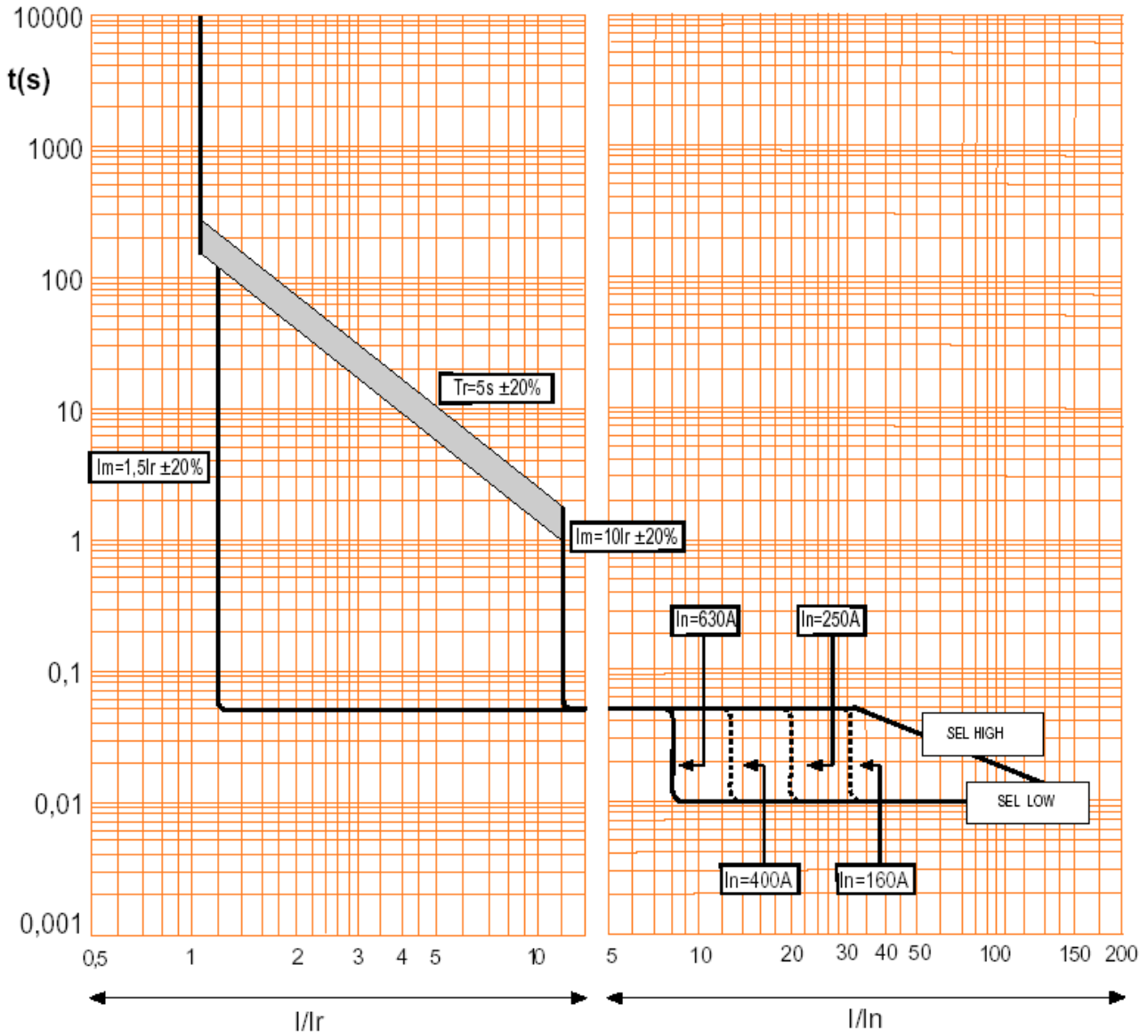
Electronic release

Reference(s) : 256 00/ 01/ 02/ 03/ 04/ 05/ 06/ 07/ 08/ 09/ 10/ 11/ 12/
 13/ 14/ 15/ 16/ 17/ 18/ 19/ 20/ 21/ 22/ 23/ 25/ 26/ 27/ 28/ 29/ 30/ 31/ 32/ 33/
 34/ 35/ 36/ 37/ 38/ 39/ 40/ 41/ 42/ 43/ 44/ 45/ 46/ 47/ 48/ 50/ 51/ 52/ 53/ 54/
 55/ 56/ 57/ 58/ 59/ 60/ 61/ 62/ 63/ 64/ 65/ 66/ 67/ 68/ 69/ 70/ 71/ 72/ 73

9. CURVES

9.1 Operating curve

DPX 630 ELE S1 - $I_n \text{ max} = 630 \text{ A}$ 400V a.c



I_r = long time setting current
 T_r = long time delay
 I_m = short time setting current
 I_f = instantaneous intervention current

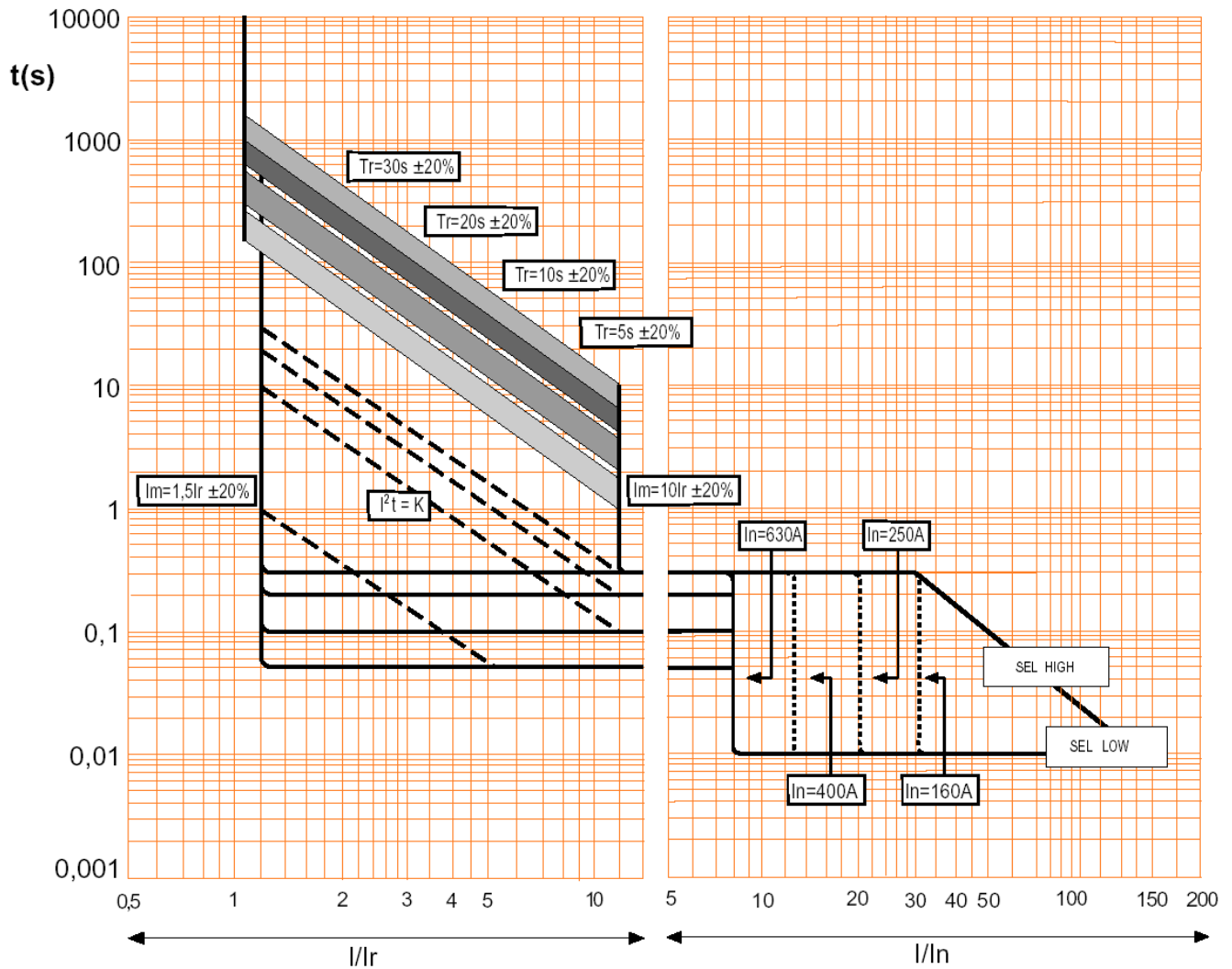
DPX 630

Electronic release

Reference(s) : 256 00/ 01/ 02/ 03/ 04/ 05/ 06/ 07/ 08/ 09/ 10/ 11/ 12/
 13/ 14/ 15/ 16/ 17/ 18/ 19/ 20/ 21/ 22/ 23/ 25/ 26/ 27/ 28/ 29/ 30/ 31/ 32/ 33/
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 55/ 56/ 57/ 58/ 59/ 60/ 61/ 62/ 63/ 64/ 65/ 66/ 67/ 68/ 69/ 70/ 71/ 72/ 73

9.1 Operating curve (NEXT)

DPX 630 ELE S2 - $I_n \text{ max} = 630 \text{ A}$ 400V a.c



I_r = long time setting current
 T_r = long time delay
 I_m = short time setting current
 T_m = short time delay
 I_f = instantaneous intervention current

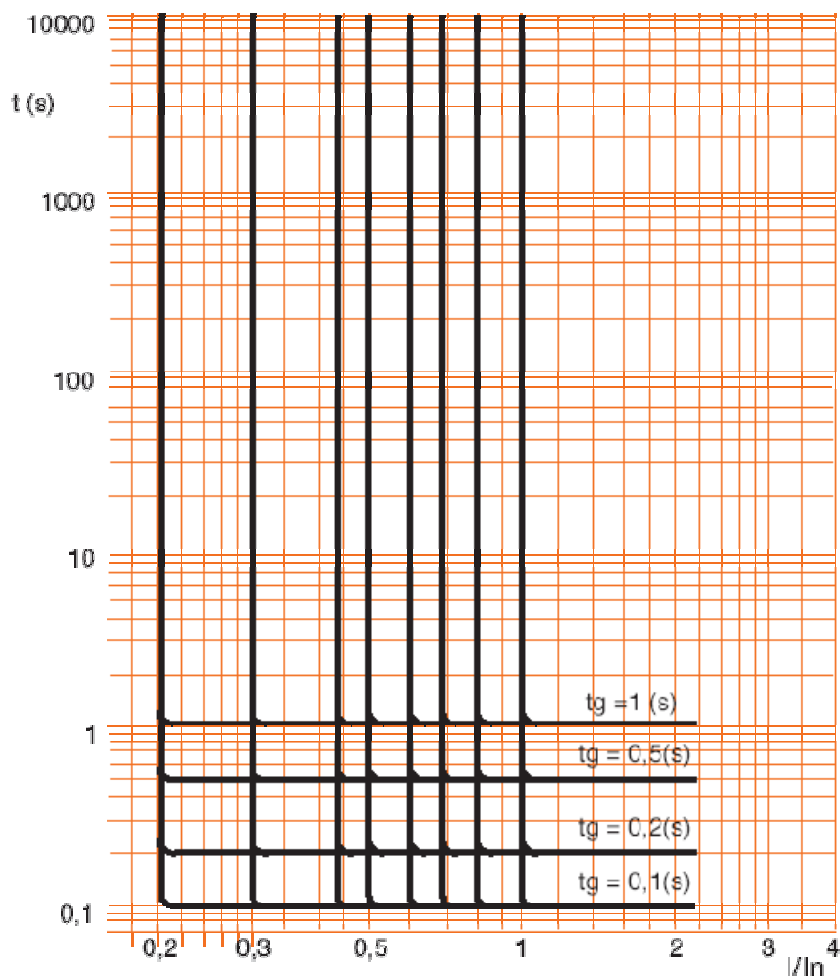
DPX 630

Electronic release

Reference(s) : 256 00/ 01/ 02/ 03/ 04/ 05/ 06/ 07/ 08/ 09/ 10/ 11/ 12/
13/ 14/ 15/ 16/ 17/ 18/ 19/ 20/ 21/ 22/ 23/ 25/ 26/ 27/ 28/ 29/ 30/ 31/ 32/ 33/
34/ 35/ 36/ 37/ 38/ 39/ 40/ 41/ 42/ 43/ 44/ 45/ 46/ 47/ 48/ 50/ 51/ 52/ 53/ 54/
55/ 56/ 57/ 58/ 59/ 60/ 61/ 62/ 63/ 64/ 65/ 66/ 67/ 68/ 69/ 70/ 71/ 72/ 73

9.1 Operating curve (NEXT)

DPX 630 ELE Sg - In max = 630 A 400V a.c



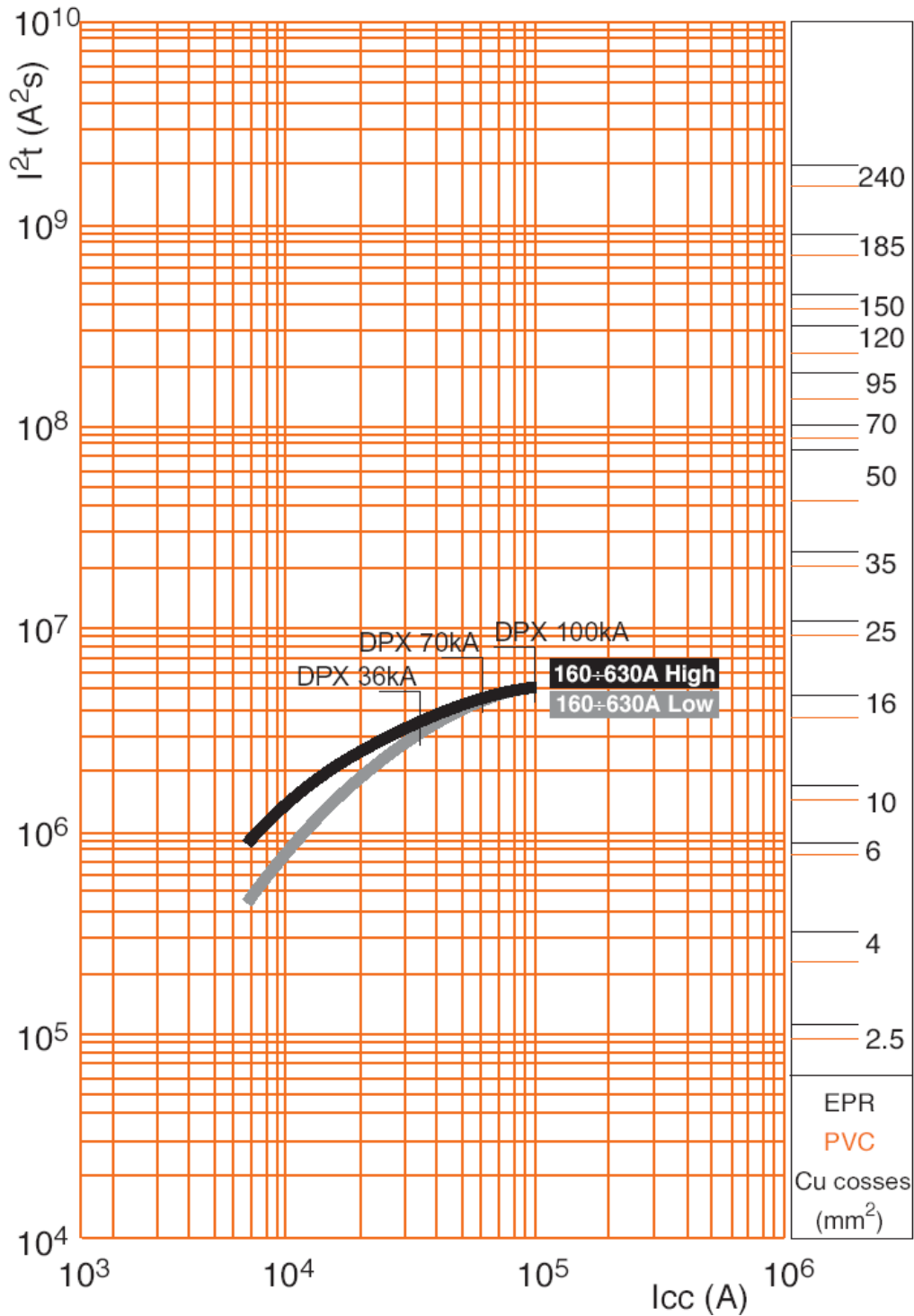
DPX 630

Electronic release

Reference(s) : 256 00/ 01/ 02/ 03/ 04/ 05/ 06/ 07/ 08/ 09/ 10/ 11/ 12/
 13/ 14/ 15/ 16/ 17/ 18/ 19/ 20/ 21/ 22/ 23/ 25/ 26/ 27/ 28/ 29/ 30/ 31/ 32/ 33/
 34/ 35/ 36/ 37/ 38/ 39/ 40/ 41/ 42/ 43/ 44/ 45/ 46/ 47/ 48/ 50/ 51/ 52/ 53/ 54/
 55/ 56/ 57/ 58/ 59/ 60/ 61/ 62/ 63/ 64/ 65/ 66/ 67/ 68/ 69/ 70/ 71/ 72/ 73

9.2 Restricted curve in thermal constraint

DPX 630 ELE - In max = 630 A 400V a.c



DPX 630

Electronic release

Reference(s) : 256 00/ 01/ 02/ 03/ 04/ 05/ 06/ 07/ 08/ 09/ 10/ 11/ 12/
13/ 14/ 15/ 16/ 17/ 18/ 19/ 20/ 21/ 22/ 23/ 25/ 26/ 27/ 28/ 29/ 30/ 31/ 32/ 33/
34/ 35/ 36/ 37/ 38/ 39/ 40/ 41/ 42/ 43/ 44/ 45/ 46/ 47/ 48/ 50/ 51/ 52/ 53/ 54/
55/ 56/ 57/ 58/ 59/ 60/ 61/ 62/ 63/ 64/ 65/ 66/ 67/ 68/ 69/ 70/ 71/ 72/ 73

A) Derating Temperature and configurations

		40°C		50°C		60°C	
		I _{max} (A)	I _r /I _n	I _{max} (A)	I _r /I _n	I _{max} (A)	I _r /I _n
DPX 630 fixed version electronic							
DPX 630 - 400A	front	400	1	400	1	380	0,95
	rear	400	1	400	1	380	0,95
DPX 630 - 400A with earth leakage	front	400	1	380	0,95	360	0,9
	rear	400	1	380	0,95	360	0,9
DPX 630 - 630A	front	630	1	598,5	0,95	567	0,9
	rear	630	1	598,5	0,95	567	0,9
DPX 630 - 630A with earth leakage	front	567	1	504	0,8	504	0,8
	rear	567	1	504	0,8	504	0,8
DPX 630 Plug-in / Draw-out version electronic							
DPX 630 - 400A	front	400	1	380	0,95	360	0,9
	rear	400	1	380	0,95	360	0,9
DPX 630 - 400A with earth leakage	front	360	0,9	320	0,8	320	0,8
	rear	360	0,9	320	0,8	320	0,8
DPX 630 - 630A	front	567	0,9	504	0,8	441	0,7
	rear	567	0,9	504	0,8	441	0,7
DPX 630 - 630A with earth leakage	front	504	0,8	441	0,7	378	0,6
	rear	504	0,8	441	0,7	378	0,6

B) Connection

Connecting type	Bars Width (mm)	Cables		Standard lugs S - Ø (mm ² -mm)	Compact copper S - Ø (mm ² -mm)	Standard lugs S - Ø (mm ² -mm)	Compact aluminium S - Ø (mm ² -mm)
		Section (mm ²) rigid	flexible				
Direct plates	32			150-12	300-10	240-12	300-10
Cage terminals réf. 262 88	25	300	240				
Cage terminals 2 cables réf. 262 51		2 x 240	2 x 185				
Extended front terminals réf. 262 47	32			2 x 150-12	2 x 300-10	2 x 240-12	2x 300-10
Spreaders réf. 262 48/49	50			2 x 185-12	2 x 300-10	2 x 240-16	2x 300-10
Rear terminal réf. 263 50/51	32			2 x 300-16		2 x 300-16	
Flat rear terminal mounting base réf. 263 52/53	40			2 x 185-12	2 x 300-10	2 x 240-12	2 x 300-10
Front terminal mounting base réf. 265 52/53/58	25			150-12	300-10	240-12	300-10
Rear terminal mounting base réf. 265 54/55/59	32			2 x 300-16		2 x 300-16	
Flat rear terminal mounting base réf. 265 56/57/60	40			2 x 185-12	2 x 300-10	2 x 240-12	2 x 300-10
DPX support bases réf 098/7 1/72/73/74	25			150-12	2 x 300-10	2 x 240-12	2 x 300-10

C) Breaking capacity in DC

Short-circuit breaking capacity in D.C. current								
Circuit breakers	Rated current	Breaking capacity I _{cu} (kA)					Protection	
		1 pole in series up to 55-60V	2 poles in series up to 110-125V	2 poles in series 250V	3 poles in series 400V	3 poles in series 500V	thermal	magnetic
LEGRAND SERIES								
DPX 630 (el. rel.)	160-630A	40	40	36	40	36	No protection	No protection
DPX 630-H (el. rel.)	160-630A	45	45	40	45	40	No protection	No protection
DPX 630-L (el. rel.)	160-630A	50	50	45	50	45	No protection	No protection