

DPX³-I trip-free switches

160 to 1600 A



4 202 99

Dimensions **see e-catalogue**

Trip-free switches for on-load circuit breaking and isolation of low voltage electrical circuits

Can be associated to earth leakage modules or to corresponding DPX³ residual current relays

Conform to IEC 60947-3

Category of use AC 23 A

Connection identical to corresponding DPX³

Pack	Cat.Nos		DPX ³ -I 160
1	3P 4 201 98	4P 4 201 99	In (A) 160 Mounting on rail with plate Cat.No 4 210 71 (p. 237)
1	4P with earth leakage module 4 201 97		160 Mounting on rail with plate Cat.No 4 210 73 (p. 237)
1	3P 4 202 99	4P 4 203 00	In (A) 250 Mounting on rail with plate Cat.No 4 210 72 (p. 237)
1	4P with earth leakage module 4 202 98		250 Mounting on rail with plate Cat.No 4 210 74 (p. 237)
1	3P 4 222 16	4P 4 222 18	In (A) 400
1	4 222 17	4 222 19	630
1	3P 4 224 90	4P 4 224 94	In (A) 630
1	4 224 91	4 224 95	800
1	4 224 92	4 224 96	1250
1	4 224 93	4 224 97	1600

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Electrical characteristics

	DPX ³ -I 160	DPX ³ -I 250	DPX ³ -I 630	DPX ³ -I 1600
Rated operating voltage U _e (V)	50/60 Hz	690 ⁽¹⁾	690 ⁽¹⁾	690
	direct	250	250	250
Rated insulation voltage U _i (V \sim)	800	800	690	690
Rated impulse withstand voltage U _{imp} (kV)	8	8	8	8
Rated closing capacity on 400 V short circuit I _{cm} (kA)	3	3	6.5 ⁽³⁾ / 13 ⁽⁴⁾	40
Short-time resistive current t = 1 s I _{cs} (kA)	1.7	1.7	4 ⁽³⁾ / 7.6 ⁽⁴⁾	10 ⁽⁵⁾ / 15 ⁽⁶⁾ / 20 ⁽⁷⁾
Endurance (o.c. cycle)	mechanical	25000	25000	15000
	electrical	8000	8000	5000
Conventional thermal current (A)	160	250	630	1600
Nominal current of use (A) AC 23 A (690 V \sim)	160 (160 V)	250 (250 V)	630	1600
DC 23 A (250 V \sim)	160	160	630	-

1: 500 V for DPX³-I with earth leakage module

2: Up to 1250 A

3: I_n = 400 A

4: I_n = 630 A

5: I_n = 800 A

6: I_n = 1250 A

7: I_n = 1600 A

Dimensions

Dimensions of DPX³-I identical to corresponding DPX³

DPX ³ -I	Dimensions
DPX ³ -I 160	DPX ³ 160 (see e-catalogue)
DPX ³ -I 250	DPX ³ 250 (see e-catalogue)
DPX ³ -I 630	DPX ³ 630 (see e-catalogue)
DPX ³ -I 1600	DPX ³ 1600 (see e-catalogue)

Choice of faceplates and distribution equipment

Equipment of DPX³-I identical to corresponding DPX³

Devices	XL ³ S 630	XL ³ S 4000	XL ³ 4000
DPX ³ /DPX ³ -I 160	(p. 237)	(p. 248)	(p. 269)
DPX ³ /DPX ³ -I 250	(p. 237)	(p. 248)	(p. 269)
DPX ³ /DPX ³ -I 630	(p. 239)	(p. 250)	(p. 270)
DPX ³ /DPX ³ -I 1600	-	(p. 251)	(p. 270)