

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	In (A) 160
	4P 4 201 99	Mounting on rail with plate Cat.No 4 210 71 (p. 129)
1	4P with earth leakage module 4 201 97	160 Mounting on rail with plate Cat.No 4 210 73 (p. 129)
1	3P 4 202 99	DPX ³ -I 250 In (A) 250
	4P 4 203 00	Mounting on rail with plate Cat.No 4 210 72 (p. 133)
1	4P with earth leakage module 4 202 98	250 Mounting on rail with plate Cat.No 4 210 74 (p. 133)
1	3P 4 222 16	DPX ³ -I 630 In (A) 400
1	4P 4 222 17	630
1	3P 4 224 90	DPX ³ -I 1600 In (A) 630
1	4P 4 224 94	800
1	4 224 91	1250
1	4 224 92	1600
1	4 224 93	
1	4 224 96	
1	4 224 97	

DPX³-I trip-free switches

160 to 1600 A

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~)		800	800	690
Rated impulse withstand voltage U _{imp} (kV)		8	8	8
Rated closing capacity on 400 V short circuit I _{cm} (kA)		3	6.5 ⁽³⁾ / 13 ⁽⁴⁾	40
Short-time resistive current t = 1 s I _{cs} (kA)		1.7	4 ⁽⁵⁾ / 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
Nominal current of use (A) AC 23 A (690 V~)		160 (160 V)	250 (250 V)	630
DC 23 A (250 V~)		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 ³ 400	XL ³ 800	XL ³ 4000
DPX ³ /DPX ³ -I 160	(p. 222)	(p. 234)	(p. 244)
DPX ³ /DPX ³ -I 250	(p. 222)	(p. 234)	(p. 244)
DPX ³ /DPX ³ -I 630	(p. 223)	(p. 234)	(p. 244)
DPX ³ /DPX ³ -I 1600	-	(p. 234)	(p. 244)