legrand

DPX³ 160 thermal magnetic

MCCBs from 16 to 160 A

4200 00

4200 10

4200 37

4201 57

Technical characteristics and tripping curves (p. 88-99)
Dimensions (p. 80)

MCCBs for switching, remote tripping and protection of low voltage electrical system
Supplied with cage terminals 70 mm² max. (flexible cable) or 95 mm² max. rigid cable with accessories
Can be fitted with accessories and DPX³ common auxiliaires
Conform to IEC 60947-2

MCCBs

Thermal adjustable from 0.8 to 1 In
Magnetic fixed at 10 In (fixed at 400 A for In 16 A and 25 A)

Pack	Cat.Nos 3P	Cat.Nos 4P	In (A)
			Breaking capacity Icu 16 kA (400 V~)
1	4200 00	4200 10	16
1	**4200 01**	4200 11	25
1	**4200 02**	**4200 12**	40
1	**4200 03**	**4200 13**	63
1	**4200 04**	**4200 14**	80
1	**4200 05**	**4200 15**	100
1	**4200 06**	**4200 16**	125
1	4200 07	4200 17	160
			Breaking capacity Icu 25 kA (400 V~)
1	4200 40	4200 50	16
1	**4200 41**	4200 51	25
1	**4200 42**	**4200 52**	40
1	**4200 43**	**4200 53**	63
1	**4200 44**	4200 54	80
1	**4200 45**	**4200 55**	100
1	**4200 46**	**4200 56**	125
1	4200 47	4200 57	160
			Breaking capacity Icu 36 kA (400 V~)
1	4200 80	4200 90	16
1	4200 81	4200 91	25
1	4200 82	4200 92	40
1	**4200 83**	**4200 93**	63
1	**4200 84**	4200 94	80
1	**4200 85**	**4200 95**	100
1	**4200 86**	**4200 96**	125
1	**4200 87**	**4200 97**	160
			Breaking capacity Icu 50 kA (400 V~)
1	4201 20	4201 30	16
1	4201 21	4201 31	25
1	4201 22	4201 32	40
1	4201 23	4201 33	63
1	4201 24	4201 34	80
1	4201 25	4201 35	100
1	4201 26	4201 36	125
1	4201 27	4201 37	160

MCCBs with electronic earth leakage module

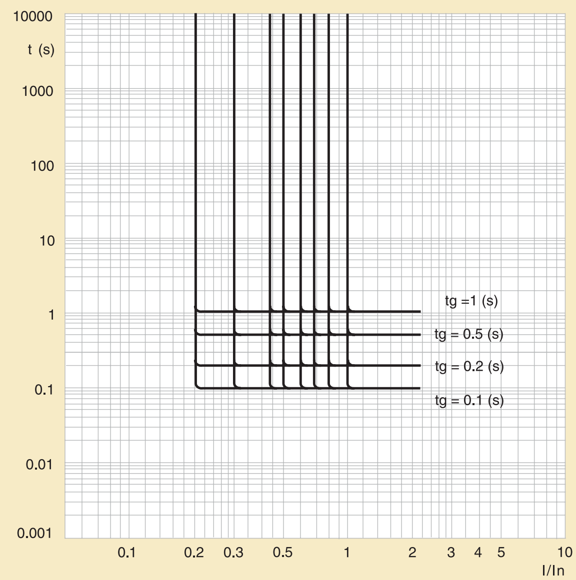
Thermal adjustable from 0.8 to 1 In
Magnetic fixed at 10 In (fixed at 400 A for In 16 A and 25 A)
Equipped with earth leakage module with LCD screen
Adjustable sensitivity: 0.03 - 0.3 - 1 - 3 A
Adjustable tripping: 0 - 0.3 - 1 - 3s (with 0.03 A possible only 0s)

Pack	Cat.Nos 4P	In (A)
		Breaking capacity Icu 16 kA (400 V~)
1	4200 30	16
1	4200 31	25
1	4200 32	40
1	4200 33	63
1	4200 34	80
1	4200 35	100
1	4200 36	125
1	4200 37	160
		Breaking capacity Icu 25 kA (400 V~)
1	4200 70	16
1	4200 71	25
1	4200 72	40
1	4200 73	63
1	4200 74	80
1	4200 75	100
1	4200 76	125
1	4200 77	160
		Breaking capacity Icu 36 kA (400 V~)
1	4201 10	16
1	4201 11	25
1	4201 12	40
1	4201 13	63
1	4201 14	80
1	4201 15	100
1	4201 16	125
1	4201 17	160
		Breaking capacity Icu 50 kA (400 V~)
1	4201 50	16
1	4201 51	25
1	4201 52	40
1	4201 53	63
1	4201 54	80
1	4201 55	100
1	4201 56	125
1	4201 57	160

Bold catalogue numbers are products normally available with Legrand (India) stockists.
Cat.Nos that are not bold - delivery within 4 - 8 weeks from the date of order.
Bold packing quantity is our mandatory packing. Orders to be placed by Legrand (India) stockists in multiples of the same.

DPX™ 1600

Performance data (Earth fault) Sg



In = nominal current
I = actual current

Reading DPX characteristic curves and adjustment ranges

■ Adjustment for thermal-magnetic DPX

Setting	DPX 250	DPX 630	DPX 1600
Ir overload trip threshold (thermal)	0.64 to 1 In	0.8 to 1 In	0.8 to 1 In
Im short-circuit trip threshold (magnetic)	3.5 to 10 In	5 to 10 In	5 to 10 In

■ Adjustment for DPX microprocessor release

Setting	DPX 250 / 630 / 1600 S1	DPX 250 / 630 / 1600 S2
Ir overload trip threshold (long delay)	0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 0.9 - 0.95 - 1) x In	
Tr long delay trip time	fixed: 5 s (to 6 Ir)	5 - 10 - 20 - 30 s (to 6 Ir)
Im short-circuit trip threshold (short delay)	(1.5 - 2 - 3 - 4 - 5 - 6 - 8 - 10) x Ir(1)	
Tm short delay trip time	fixed: 0.05 s	0 - 0.1 - 0.2 - 0.3 s

(1) 7.9 Ir for DPX 630 In 630 A

DPX³ MCCBs
with integrated ELM

■ DPX³ : MCCBs with integrated ELM

Current (A)	Breaking Capacity Icu (kA)	Frame	4P
16	16 kA	DPX³ 160	4200 30
	25 kA	DPX³ 160	4200 70
	36 kA	DPX³ 160	4201 10
	50 kA	DPX³ 160	4201 50
25	16 kA	DPX³ 160	4200 31
	25 kA	DPX³ 160	4200 71
	36 kA	DPX³ 160	4201 11
	50 kA	DPX³ 160	4201 51
40	16 kA	DPX³ 160	4200 32
	25 kA	DPX³ 160	4200 72
	36 kA	DPX³ 160	4201 12
	50 kA	DPX³ 160	4201 52
	25 kA	DPX³ 250	4203 22
	36 kA	DPX³ 250	4203 52
	50 kA	DPX³ 250	4203 82
	70 kA	DPX³ 250	4206 55
	25 kA	DPX³ 250	4204 22
	36 kA	DPX³ 250	4204 52
	50 kA	DPX³ 250	4204 82
	70 kA	DPX³ 250	4206 85
63	16 kA	DPX³ 160	4200 33
	25 kA	DPX³ 160	4200 73
	36 kA	DPX³ 160	4201 13
	50 kA	DPX³ 160	4201 53
80	16 kA	DPX³ 160	4200 34
	25 kA	DPX³ 160	4200 74
	36 kA	DPX³ 160	4201 14
	50 kA	DPX³ 160	4201 54
100	16 kA	DPX³ 160	4200 35
	25 kA	DPX³ 160	4200 75
	36 kA	DPX³ 160	4201 15
	50kA	DPX³ 160	4201 55
	25 kA	DPX³ 250	4202 25
	36 kA	DPX³ 250	4202 55
	50 kA	DPX³ 250	4202 85
	70 kA	DPX³ 250	4206 25
	25 kA	DPX³ 250	4203 25
	36 kA	DPX³ 250	4203 55
	50 kA	DPX³ 250	4203 85
	70 kA	DPX³ 250	4206 57
	25 kA	DPX³ 250	4204 25
	36 kA	DPX³ 250	4204 55
	50 kA	DPX³ 250	4204 85
	70 kA	DPX³ 250	4206 87
125	16 kA	DPX³ 160	4200 36
	25 kA	DPX³ 160	4200 76
	36 kA	DPX³ 160	4201 16
	50 kA	DPX³ 160	4201 56
160	16 kA	DPX³ 160	4200 37
	25 kA	DPX³ 160	4200 77
	36 kA	DPX³ 160	4201 17
	50 kA	DPX³ 160	4201 57
	25 kA	DPX³ 250	4202 27
	36 kA	DPX³ 250	4202 57
	50 kA	DPX³ 250	4202 87
	70 kA	DPX³ 250	4206 27
	25 kA	DPX³ 250	4203 27
	36 kA	DPX³ 250	4203 57
	50 kA	DPX³ 250	4203 87
	70 kA	DPX³ 250	4206 58
	25 kA	DPX³ 250	4204 27
	36 kA	DPX³ 250	4204 57
	50 kA	DPX³ 250	4204 87
	70 kA	DPX³ 250	4206 88
200	25 kA	DPX³ 250	4202 28
	36 kA	DPX³ 250	4202 58
	50 kA	DPX³ 250	4202 88
	70 kA	DPX³ 250	4206 28
250	25 kA	DPX³ 250	4202 29
	36 kA	DPX³ 250	4202 59
	50 kA	DPX³ 250	4202 89
	70 kA	DPX³ 250	4206 29
	25 kA	DPX³ 250	4203 29
	36 kA	DPX³ 250	4203 59
	50 kA	DPX³ 250	4203 89
	70 kA	DPX³ 250	4206 59
	25 kA	DPX³ 250	4204 29
	36 kA	DPX³ 250	4204 59
	50 kA	DPX³ 250	4204 89
	70 kA	DPX³ 250	4206 89