

DPX³ 250 thermal magnetic

MCCBs from 100 to 250 A



4202 05



4202 25

Technical characteristics and tripping curves (p. 50-56)
Dimensions (p. 43)

MCCBs for switching, remote tripping and protection of low voltage electrical system
 Supplied with insulated shileds, screw terminals 120 mm² max. (flexible cable) or 150 mm² max. rigid cable with accessories
 Can be fitted with accessories and DPX³ common auxiliaires
 Conform to IEC 60947-2

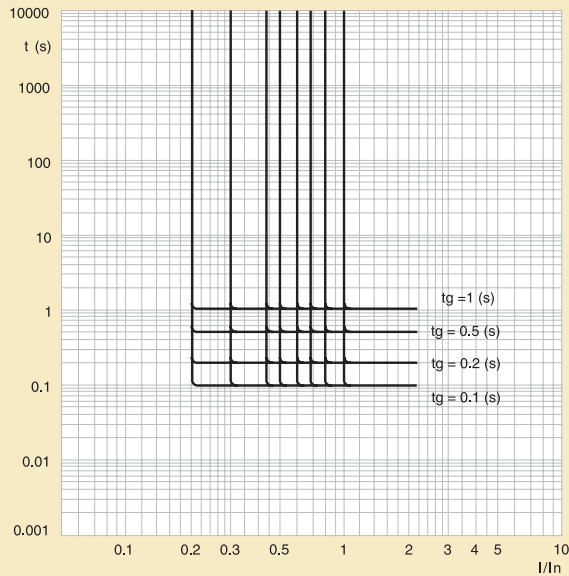
Pack	Cat.Nos		MCCBs
			Thermal adjustable from 0.8 to 1 In Magnetic adjustable from 5 to 10 In
			Breaking capacity Icu 25 kA (400 V~)
	3P	4P	In (A)
1	4202 05	4202 15	100
1	4202 07	4202 17	160
1	4202 08	4202 18	200
1	4202 09	4202 19	250
			Breaking capacity Icu 36 kA (400 V~)
1	4202 35	4202 45	100
1	4202 37	4202 47	160
1	4202 38	4202 48	200
1	4202 39	4202 49	250
			Breaking capacity Icu 50 kA (400 V~)
1	4202 65	4202 75	100
1	4202 67	4202 77	160
1	4202 68	4202 78	200
1	4202 69	4202 79	250
			Breaking capacity Icu 70 kA (400 V~)
1	4206 05	4206 15	100
1	4206 07	4206 17	160
1	4206 08	4206 18	200
1	4206 09	4206 19	250

Pack	Cat.Nos	MCCBs with electronic earth leakage module
		Thermal adjustable from 0.8 to 1 In Magnetic adjustable from 5 to 10 In 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)
		Breaking capacity Icu 25 kA (400 V~)
	4P	In (A)
1	4202 25	100
1	4202 27	160
1	4202 28	200
1	4202 29	250
		Breaking capacity Icu 36 kA (400 V~)
1	4202 55	100
1	4202 57	160
1	4202 58	200
1	4202 59	250
		Breaking capacity Icu 50 kA (400 V~)
1	4202 85	100
1	4202 87	160
1	4202 88	200
1	4202 89	250
		Breaking capacity Icu 70 kA (400 V~)
1	4206 25	100
1	4206 27	160
1	4206 28	200
1	4206 29	250

DPX™ 1600

DPX³ MCCBs with integrated ELM

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
I_r overload trip threshold (thermal)	0.64 to 1 I _n	0.8 to 1 I _n	0.8 to 1 I _n
I_m short-circuit trip threshold (magnetic)	3.5 to 10 I _n	5 to 10 I _n	5 to 10 I _n

Adjustment for DPX microprocessor release

Setting	DPX 250 / 630 / 1600 S1	DPX 250 / 630 / 1600 S2
I_r overload trip threshold (long delay)	0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 0.9 - 0.95 - 1) x I _n	
T_r long delay trip time	fixed: 5 s (to 6 I _r)	5 - 10 - 20 - 30 s (to 6 I _r)
I_m short-circuit trip threshold (short delay)	(1.5 - 2 - 3 - 4 - 5 - 6 - 8 - 10) x I _n ⁽¹⁾	
T_m Short delay trip time	fixed: 0.05 s	0 - 0.1 - 0.2 - 0.3 s

(1) 7.9 I_r for DPX 630 I_n 630 A

DPX³ : MCCBs with integrated ELM

Current (A)	Breaking Capacity I _{cu} (kA)	Frame	4P
16	16kA	DPX ³ 160	4200 30
	25kA	DPX ³ 160	4200 70
	36kA	DPX ³ 160	4201 10
	50kA	DPX ³ 160	4201 50
25	16kA	DPX ³ 160	4200 31
	25kA	DPX ³ 160	4200 71
	36kA	DPX ³ 160	4201 11
	50kA	DPX ³ 160	4201 51
40	16kA	DPX ³ 160	4200 32
	25kA	DPX ³ 160	4200 72
	36kA	DPX ³ 160	4201 12
	50kA	DPX ³ 160	4201 52
	25kA	DPX ³ 250	4203 22
	36kA	DPX ³ 250	4203 52
	50kA	DPX ³ 250	4203 82
	70kA	DPX ³ 250	4206 55
	25kA	DPX ³ 250	4204 22
	36kA	DPX ³ 250	4204 52
	50kA	DPX ³ 250	4204 82
	70kA	DPX ³ 250	4206 85
63	16kA	DPX ³ 160	4200 33
	25kA	DPX ³ 160	4200 73
	36kA	DPX ³ 160	4201 13
	50kA	DPX ³ 160	4201 53
80	16kA	DPX ³ 160	4200 34
	25kA	DPX ³ 160	4200 74
	36kA	DPX ³ 160	4201 14
	50kA	DPX ³ 160	4201 54
100	16kA	DPX ³ 160	4200 35
	25kA	DPX ³ 160	4200 75
	36kA	DPX ³ 160	4201 15
	50kA	DPX ³ 160	4201 55
	25kA	DPX ³ 250	4202 25
	36kA	DPX ³ 250	4202 55
	50kA	DPX ³ 250	4202 85
	70kA	DPX ³ 250	4206 25
	25kA	DPX ³ 250	4203 25
	36kA	DPX ³ 250	4203 55
	50kA	DPX ³ 250	4203 85
	70kA	DPX ³ 250	4206 57
125	25kA	DPX ³ 250	4204 25
	36kA	DPX ³ 250	4204 55
	50kA	DPX ³ 250	4204 85
	70kA	DPX ³ 250	4206 87
	16kA	DPX ³ 160	4200 36
	25kA	DPX ³ 160	4200 76
	36kA	DPX ³ 160	4201 16
	50kA	DPX ³ 160	4201 56
160	16kA	DPX ³ 160	4200 37
	25kA	DPX ³ 160	4200 77
	36kA	DPX ³ 160	4201 17
	50kA	DPX ³ 160	4201 57
	25kA	DPX ³ 250	4202 27
	36kA	DPX ³ 250	4202 57
	50kA	DPX ³ 250	4202 87
	70kA	DPX ³ 250	4206 27
	25kA	DPX ³ 250	4203 27
	36kA	DPX ³ 250	4203 57
	50kA	DPX ³ 250	4203 87
	70kA	DPX ³ 250	4206 58
200	25kA	DPX ³ 250	4204 27
	36kA	DPX ³ 250	4204 57
	50kA	DPX ³ 250	4204 87
	70kA	DPX ³ 250	4206 88
	25kA	DPX ³ 250	4202 28
	36kA	DPX ³ 250	4202 58
250	50kA	DPX ³ 250	4202 88
	70kA	DPX ³ 250	4206 28
	25kA	DPX ³ 250	4202 29
	36kA	DPX ³ 250	4202 59
	50kA	DPX ³ 250	4202 89
	70kA	DPX ³ 250	4206 29
	25kA	DPX ³ 250	4203 29
	36kA	DPX ³ 250	4203 59
	50kA	DPX ³ 250	4203 89
	70kA	DPX ³ 250	4206 59
	25kA	DPX ³ 250	4204 29
	36kA	DPX ³ 250	4204 59
50kA	DPX ³ 250	4204 89	
70kA	DPX ³ 250	4206 89	