

DRX™ 630

thermal magnetic MCCBs from 320 to 630 A



0 272 45



0 272 49



0 262 50



0 262 51



0 262 48



0 263 52



Technical characteristics and curves p. 15 to 17

For switching, control, isolation and protection of low-voltage electrical lines

Can be fitted with auxiliaries

Supplied with:

- M8 terminals
- Fixing screws
- Insulating shields (2 for 3P and 3 for 4P)

Fixed thermal and magnetic

Conform to IEC 60947-2

Pack	Cat.Nos		DRX 630
	3P	4P	
1	0 272 34	0 272 38	Breaking capacity Icu 36 kA (415 V~)
1	0 272 35	0 272 39	In
1	0 272 36	0 272 40	320 A
1	0 272 37	0 272 41	400 A
			500 A
			630 A
			Breaking capacity Icu 50 kA (415 V~)
			In
1	0 272 42	0 272 46	320 A
1	0 272 43	0 272 47	400 A
1	0 272 44	0 272 48	500 A
1	0 272 45	0 272 49	630 A

Pack	Cat.Nos	Rotary handles
1	0 272 50	Direct on DRX Standard (grey)
1	0 272 51	Vari-depth handle Comprising: connecting rod, bracket, drilling template, mounting accessories, door locking mechanism Standard (grey)



Pack	Cat.Nos		Connection accessories
1	0 262 30		Insulating shields Used to isolate the connection between each pole Set of 2 pieces
1	0 262 44	0 262 45	Sealable terminal shields Set of 2
1	4 222 34	4 222 35	IP 20 terminal cover Set of two terminal covers
1	0 262 50		Cage terminals Set of 4 cage terminals for cables
1	0 262 51		Set of 4 high capacity cage terminals for cables
1	0 262 47		Extended front terminals Set of 4 extended front terminals



Pack	Cat.Nos		Connection accessories (continued)
1	0 262 48	0 262 49	Spreaders Set of incoming or outgoing spreaders
1	0 263 50	0 263 51	Swivel terminals Set of incoming or outgoing swivel terminals
1	0 263 52	0 263 53	Flat terminals Set of incoming or outgoing flat terminals
1	0 262 40		Padlock for DRX 630 For locking on "OFF" position (up to 3 locks)
1	4 210 11		Control and signalling auxiliaries for DRX 630 For DPX ³ , DPX ³ -I and DRX Auxiliary contact or fault signal For signalling the state of the contacts or opening of the MCCB on a fault Changeover switch 3 A - 240 V~ Shunt releases Shunt inrush power 300 V~ Coil voltage 24 V~ and = 48 V~ and = 110 V~ and = 230 V~ and = 400 V~ and =
1	4 222 39		
1	4 222 40		
1	4 222 41		
1	4 222 42		
1	4 222 43		
1	4 222 44		
1	4 222 45		
1	4 222 46		
1	4 222 47		
1	4 222 48		
1	4 222 49		

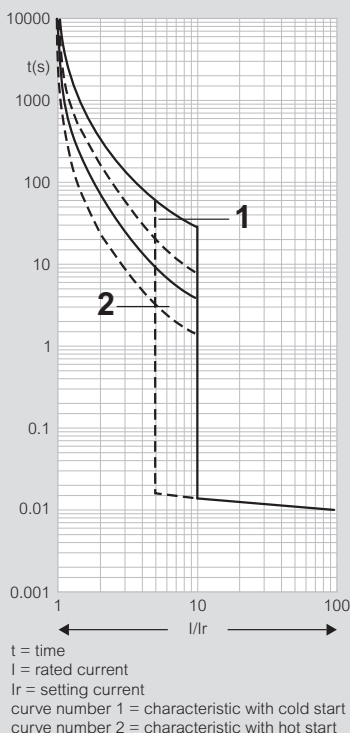


DRX™ 630

technical characteristics and curves

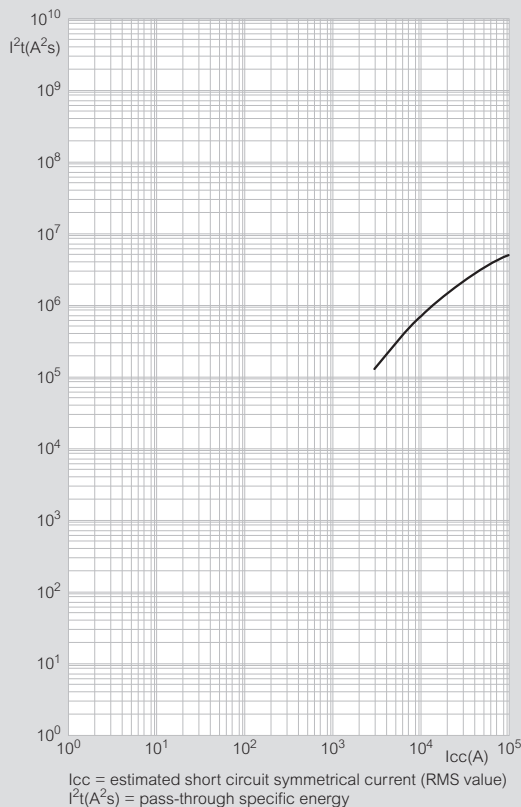
Curves

DRX 630 I_{max} = 630 A from 36kA to 50 kA 3P - 4P



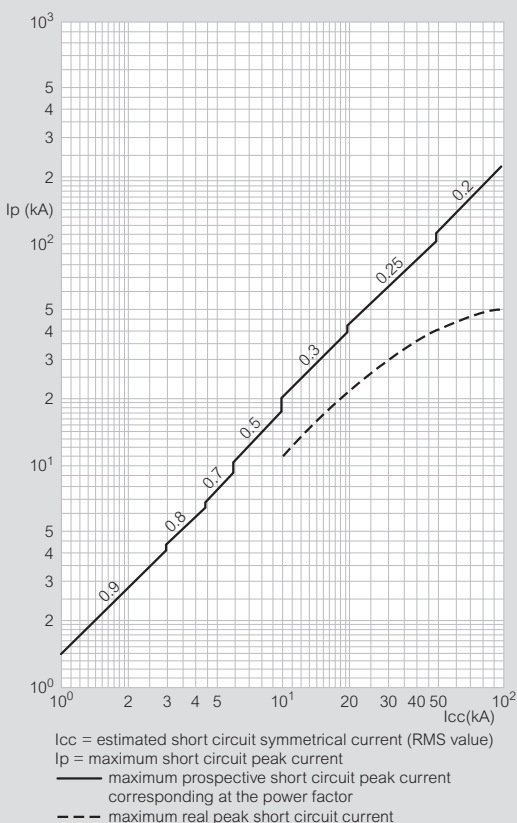
Pass-through specific energy characteristics

DRX 630 I_{max} = 630 A from 36kA to 50 kA 3P - 4P at 415 V~



Current limitation

DRX 630 I_{max} = 630 A from 36kA to 50 kA 3P - 4P

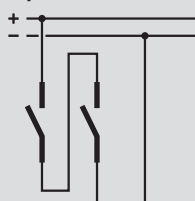


Technical characteristics

		DRX - 36 kA	DRX - 50 kA
Number of poles		3P - 4P	3P - 4P
Nominal current In (A)		320-630	320-630
Neutral protection for 4P version (%)		100	100
Rated insulation voltage Ui (V)		690	690
Rated impulse withstand current Uimp (kV)		6	6
Rated operating voltage (50/60 Hz) Ue (V)		600	600
Ultimate breaking capacity Icu (kA) IEC 60947-2	220/240 V~	65	100
	380/415 V~	36	50
	440/460 V~	30	40
	480/550 V~	25	30
	125 V=	40	42
	250 V=	36	38
Ultimate breaking capacity Icu (kA) NEMA AB-1	240 V~	60	80
	480 V~	25	30
	550 V~	25	30
Standard breaking capacity Ics (% Icu)		50	50
Category of use		A	A
Suitable for isolation		YES	YES
Endurance (cycles)	mechanical	25000	25000
	electrical at In	8000	8000
	electrical at 0.5 In	10000	10000

1: 2 poles in series

2 poles in series

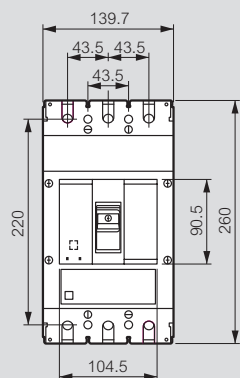


DRX™ 630

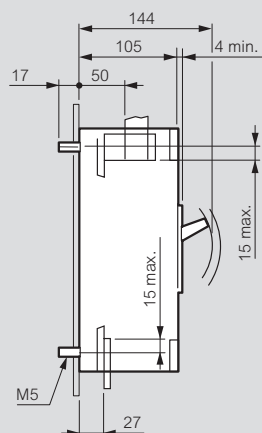
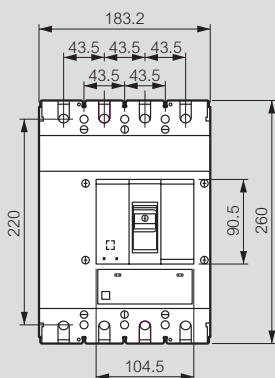
dimensions, mounting principle and connection

Dimensions

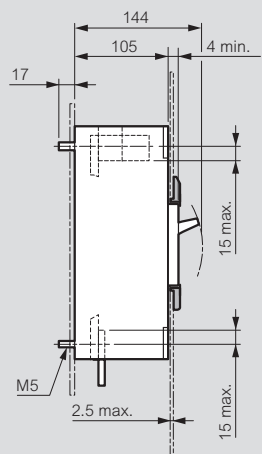
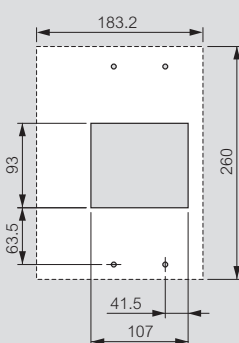
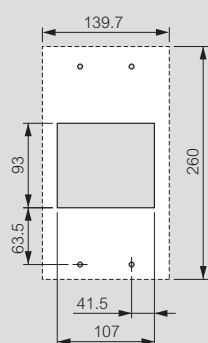
3P



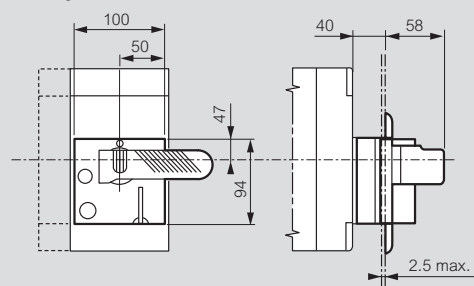
4P



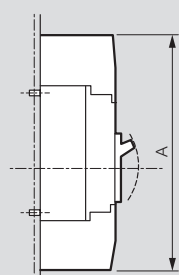
Door cut



Rotary handle-direct on DPX

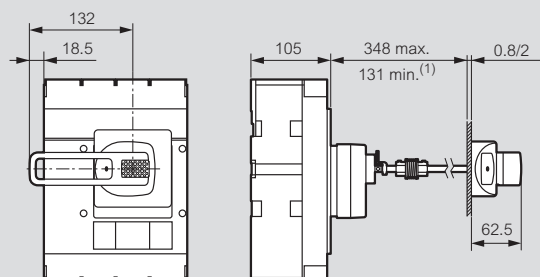


Terminal shields



Rotary handle-vari-depth handle on door

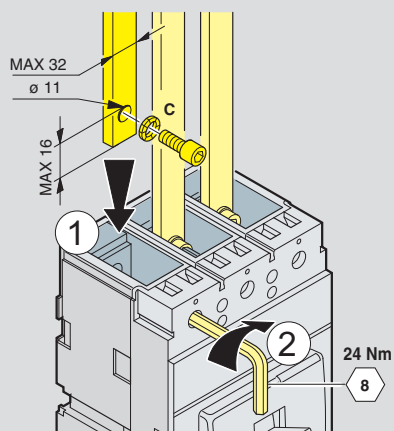
Mounting with flexible seal



1: 75 mm without mechanical system

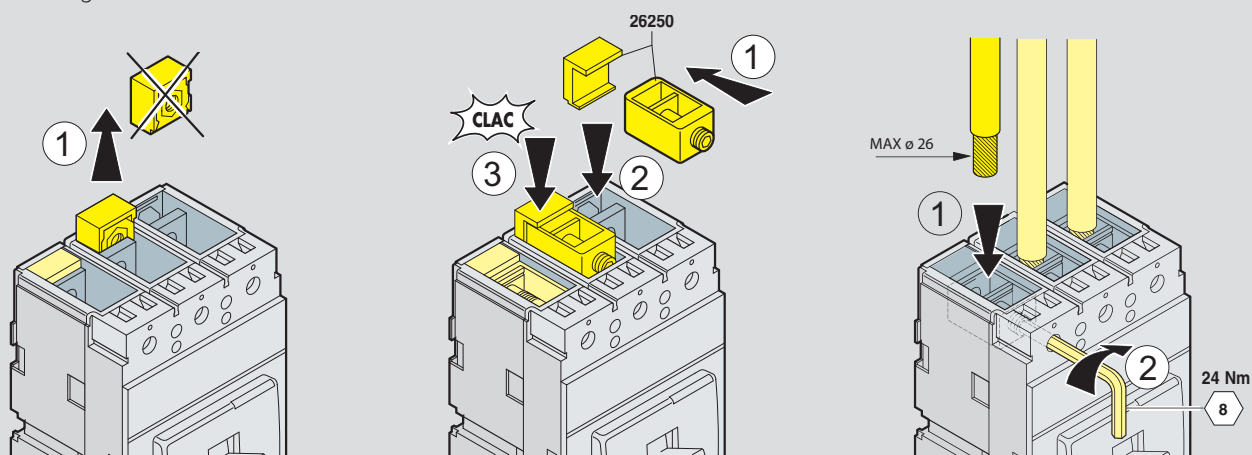
Connection

Connection via busbar



Connection via cable

With cage terminals Cat.No 0 262 50



With high capacity cage terminals Cat.No 0 262 51

