

## DRX™ 630

### technical characteristics

## DRX™ 630 adjustable

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	DRX 630 - 36 kA	DRX 630 - 50 kA	
Number of poles	3P - 4P	3P - 4P	
Release type	thermal-magnetic		
Rated current In (A)	320, 400, 500, 630		
Rated insulation voltage Ui (V)	800		
Rated operating voltage (50/60 Hz) Ue (V)	550		
Rated impulse withstand Voltage Uimp (kV)	8		
Rated frequency (Hz)	50 - 60		
Reference ambient temperature Tamb (°C)	40 - 50		
Operating temperature (°C)	-25 to 70		
Rated ultimate short-circuit breaking capacity Icu (kA) IEC 60947-2	110/130 V~	70	100
	220/240 V~	70	100
	380/415 V~	36	50
	440/460 V~	30	40
	480/550 V~	25	30
	690 V~	14	18
Rated service short-circuit breaking capacity Ics (% Icu)	50		
Rated short-circuit making capacity Icm (kA) at 415 V~	75.6		
Neutral protection for 4P version (% Ith)	100		
Rated short-circuit breaking capacity on IT system Isu.lit (kA) IEC 60947-2 (Annexes C - H)	110/130 V~	18	25
	220/240 V~	18	25
	380/415 V~	9	13
	440/460 V~	8	10
	480/550 V~	5	6
	690 V~	4	5
Rated ultimate short-circuit breaking capacity Icu (kA) NEMA AB-1	220/240 V~	40	70
	480/550 V~	4	4
	690 V~	4	5
Category of use	A		
Suitable for isolation	Yes		
Thermal adjustment Ir (A)	Fixed		
Magnetic adjustment Ii (A)	Fixed: 10 x In		
Endurance (cycles)	mechanical	6000	6000
	electrical at In	2000	2000
	electrical at 0.5 In	4000	4000
Neutral protection for 4P version (%)	100		
Dimensions W x H x D (mm)	3P	140 x 260 x 105	
	4P	183 x 260 x 105	
Weight (kg)	3P	5.20	
	4P	6.85	

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	220/240 V~	70	100
	380/415 V~	36	50
	440/460 V~	30	40
	480/550 V~	25	30
	690 V~	14	18
Rated service short-circuit breaking capacity Ics (%Icu)	100		
Rated short-circuit making capacity Icm (at 415 V~)	75.6		
Neutral protection for 4P version (%Ith)	100		
Rated short-circuit breaking capacity on IT system Isu.lit (kA) IEC 60947-2 (Annexes C - H)	110/130 V~	18	25
	220/240 V~	18	25
	380/415 V~	9	13
	440/460 V~	8	10
	480/550 V~	5	6
	690 V~	4	5
Rated ultimate short-circuit breaking capacity Icu (kA) NEMA AB-1	220/240 V~	70	100
	480/500 V~	25	30
	690 V~	14	18
Category of use	A		
Suitable for isolation	Yes		
Thermal adjustment Ir (A)	0.8 ÷ 0.9 ÷ 1 x In		
Magnetic adjustment Ii (A)	5 ÷ 10 x In		
Endurance (cycles)	mechanical	6000	6000
	electrical at In	2000	2000
	electrical at 0.5 In	4000	4000
Dimensions W x H x D (mm)	3P	140 x 260 x 105	
	4P	184 x 260 x 105	
Weight (kg)	3P	5.20	
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