

## DRX™ 125 HP

### technical characteristics

#### Electrical and mechanical characteristics

		DRX 125 HP 25 kA	DRX 125 HP 36 kA	DRX 125 HP 50 kA
Number of poles		3P - 4P	3P - 4P	3P - 4P
Release type		thermal-magnetic		
Rated current In (A)		16, 20, 25, 32, 40, 50, 63, 80, 100, 125		
Rated insulation voltage Ui (V)		800	800	800
Rated operating voltage (50/60 Hz) Ue (V)		550	550	550
Rated impulse withstand Voltage Uimp (kV)		8	8	8
Rated frequency (Hz)		50 - 60	50 - 60	50 - 60
Reference ambient temperature Tamb (°C)		40 - 50	40 - 50	40 - 50
Operating temperature (°C)		-25 to 70	-25 to 70	-25 to 70
Rated ultimate short-circuit breaking capacity Icu (kA) IEC 60947-2	220/240 V~	40	70	90
	380/415 V~	25	36	50
	440/460 V~	20	30	45
	480/500 V~	4	4	4
	550 V~	4	4	4
Rated service short-circuit breaking capacity Ics (% Icu)		100	100	100
Rated short-circuit making capacity Icm (kA) at 415 V~		52.5	75.6	105
Neutral protection for 4P version (% Ith)		100	100	100
Rated ultimate short-circuit breaking capacity Icu (kA) NEMA AB-1	220/240 V~	40	70	90
	480/500 V~	4	4	4
	550 V~	4	4	4
Category of use		A	A	A
Suitable for isolation		Yes	Yes	Yes
Thermal adjustment Ir (A)		Fixed at 1.0 x In		
Magnetic adjustment Ii (A)		Fixed : 400 A, for In up to 40 A 10 x In, for 50 A ≤ In ≤ 125 A		
Endurance (cycles)	mechanical	20000	20000	20000
	electrical at In	8000	8000	8000
	electrical at 0.5 In	8000	8000	8000
Neutral protection for 4P version (%)		100	100	100
Dimensions W x H x D (mm)	3P	75 x 130 x 86		
	4P	100 x 130 x 86		
Weight (kg)	3P	0.95		
	4P	1.15		

## DRX™ 125 HP adjustable

### technical characteristics

#### Electrical and mechanical characteristics

		DRX 125 HP 25 kA	DRX 125 HP 36 kA	DRX 125 HP 50 kA
Number of poles		3P - 4P	3P - 4P	3P - 4P
Release type		thermal-magnetic		
Rated current In (A)		16, 20, 25, 32, 40, 50, 63, 80, 100, 125		
Rated insulation voltage Ui (V)		800	800	800
Rated operating voltage (50/60 Hz) Ue (V)		550	550	550
Rated impulse withstand Voltage Uimp (kV)		8	8	8
Rated frequency (Hz)		50 - 60	50 - 60	50 - 60
Reference ambient temperature Tamb (°C)		40 - 50	40 - 50	40 - 50
Operating temperature (°C)		-25 to 70	-25 to 70	-25 to 70
Rated ultimate short-circuit breaking capacity Icu (kA) IEC 60947-2	220/240 V~	40	70	90
	380/415 V~	25	36	50
	440/460 V~	20	30	45
	480/500 V~	4	4	4
	550 V~	4	4	4
Rated service short-circuit breaking capacity Ics (% Icu)		100	100	100
Rated short-circuit making capacity Icm (kA) at 415 V~		52.5	75.6	105
Neutral protection for 4P version (% Ith)		100	100	100
Rated ultimate short-circuit breaking capacity Icu (kA) NEMA AB-1	220/240 V~	40	70	90
	480/500 V~	4	4	4
	550 V~	4	4	4
Category of use		A	A	A
Suitable for isolation		Yes	Yes	Yes
Thermal adjustment Ir (A)		0.8 - 0.9 - 1.0 x In		
Magnetic adjustment Ii (A)		Fixed : 400 A, for In up to 40 A 10 x In, for 50 A ≤ In ≤ 125 A		
Endurance (cycles)	mechanical	20000	20000	20000
	electrical at In	8000	8000	8000
	electrical at 0.5 In	8000	8000	8000
Neutral protection for 4P version (%)		100	100	100
Dimensions W x H x D (mm)	3P	75 x 130 x 86		
	4P	100 x 130 x 86		
Weight (kg)	3P	0.95		
	4P	1.15		