

LRYEQ-AY

Model name	Units				Power supply			Compressor		OFM		Minimum Ssc value (kVA)	Zmax (Ω)
	Hz	Volt	Minimum	Maximum	MCA	TOCA	MFA	MSC	RLA	kW	FLA		
LRYEQ16A7Y1	50	380	342	456	35.2	48.3	40	89	10.8 + 11.1 x2	0.75x2	0.7x2	1020	0.24
		400						84	10.4 + 10.4 x2				
		415						81	9.9 + 10.1 x2				
LCBKQ3AV1(9)(E)	50	220	198	264	15.0	15.0	20	-	14.1	-	0.06	EN 61000-3-2: Professional equipment	The equipment complies with EN 61000-3-3
		240											

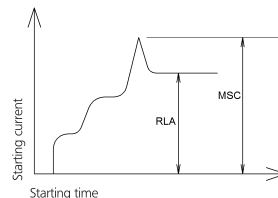
Notes

- The RLA is based on the following conditions
LRYEQ16A7Y1
Outdoor temperature: 32°CDB
Suction superheat: 10K
Saturated suction temperature: -10°C
LCBKQ3AV1(9)(E)
Saturated discharge temperature: -10°C
Saturated suction temperature: -35°C
Suction superheat: 10K
- TOCA is the total value of the overcurrent set.
- MSC is the maximum current during the starting of the compressor.
- Voltage range
The units are suitable for use on electrical systems where the voltage supplied to the unit terminals is not below or above listed range limits.
- The maximum allowable voltage that is unbalanced between phases is 2%.
- Select the wire size according to the MCA or the TOCA, whichever is higher.
- MFA is used to select the circuit breaker and the ground fault circuit interrupter.

Symbols

MCA	: Minimum circuit Ampere (A)
TOCA	: Total overcurrent amps (A)
MFA	: Maximum fuse Ampere (A)
MSC	: Max. Starting Current
RLA	: Rated Load Amps. (A)
OFM	: Outdoor Fan Motor.
kW	: Rated motor output (kW)
FLA	: Full Load Amps. (A)

Inverter compressor + non-inverter compressor



The relation between the starting time and the starting current.