LREN-A

Model name	Units				Power supply			Compressor		OFM		Minimum Ssc value (kVA)	Zmax (Ω)
	Hz	Volt	Minimum	Maximum	MCA	TOCA	MFA	MSC	RLA	kW	FLA		
LREN8AY1	50	380	342	456	32	68.5	40	-	8.0+7.9+10.3	0.75x3	1.2x3	5477	-
LREN10AY1		400			34				7.7+7.9+12.7			5819	
LREN12AY1		415			36				8.5+8.7+11.3			6161	

Inverter compressor

Starting current

MSC

RLA
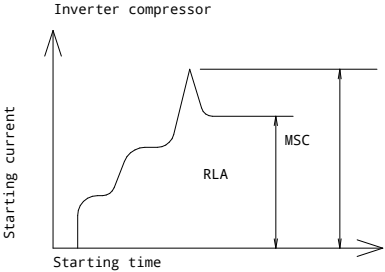
Starting time

The relationship between the starting time and the starting current

Symbols
MCA :Minimum Circuit Ampere [A]
TOCA :Total overcurrent amps [A]
MFA :Maximum Fuse Ampere [A]
MSC :Maximum starting current
RLA :Rated load amps [A]
OFM :Outdoor fan motor
kW   :Rated motor output [kW]
FLA :Full load amps [A]

Notes
 1. The ·RLA· is based on the following conditions.
    LREN*AY1
    ° Outdoor temperature ·32·°C DB
    ° Suction superheat ·10·K
    ° Saturated suction temperature ·-10·°C
 2.·TOCA· is the total value of each overcurrent set.
 3.·MSC· is the maximum current during the starting of the compressor.
 4. Voltage range
    The units are suitable for use with electrical systems in which the voltage supplied to the unit terminals is not below or above the listed range limits.
 5. The maximum allowable voltage that is unbalanced between phases is ·2·%.
 6. Select the wire size according to the ·MCA· or the ·TOCA·, whichever is higher.
 7.·MFA· is used to select the circuit breaker and the ground fault circuit interruptor.

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