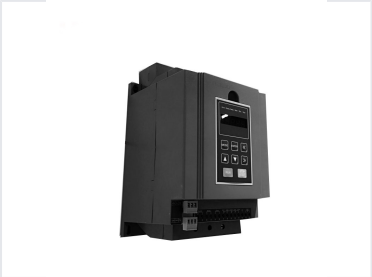
AC Motor Soft Starter 11kW-600kW

This AC motor soft starter is designed for 3-phase, 380V, 50Hz power systems. It supports a power range from 11kW to 600kW, providing a smooth and controlled start for electric motors.



ADDITIONAL IMAGES

Overview

High-Performance Motor Control

This AC Motor Soft Starter is a versatile motor control solution designed for smooth starting, soft stopping, and energy-saving operation. It effectively reduces mechanical impact and electrical surges during the startup process, extending the service life of both motors and connected machinery. With adjustable parameters like current limits and start times, it provides reliable multi-functional protection for demanding industrial environments.

Technical Specifications

Power Range

11 kW	600 kW
Minimum Power	Maximum Power

Communication Interface

RS485

Input Voltage	3-Phase AC 380V
Rated Frequency	50 Hz

Operational Modes

Available Start Modes

- Current limit soft start
- Ramp voltage soft start
- Ramp voltage + current limit soft start

Protection & Monitoring

Safety Protections	Over-current, Input/Output Default Phase, SCR Short-circuit, Overheat, Overload, Undervoltage
Monitoring & Diagnosis	Four-digit signal monitoring system for 24-hour operation tracking and quick fault diagnosis.

Applications

Target Applications

- Crushers
- Compressors
- Transmission Systems
- Pumps
- Air Blowers
- Conveyors

Model Selection Data

Detailed model selection guide including rated current, circuit breaker requirements, and primary line specifications for the full power range.

Model Specifications Table

Model	Power (kW)	Rated Current (A)	Primary Line Spec
CDRA011T4	11	25	6mm² cable
CDRA030T4	30	60	25mm² cable
CDRA075T4	75	152	35mm² cable
CDRA110T4	110	210	30*3mm² busbar
CDRA160T4	160	300	30*4mm² busbar
CDRA320T4	320	600	40*5mm² busbar
CDRA600T4	600	1100	50*5mm² busbar

Physical Construction

Enclosure Design	Double-layer shell consisting of a plastic upper layer and a metal lower layer for aesthetics and durability.