Frequently Asked Questions

BEFORE YOU CALL

If technical help is required, please have the following information when calling:

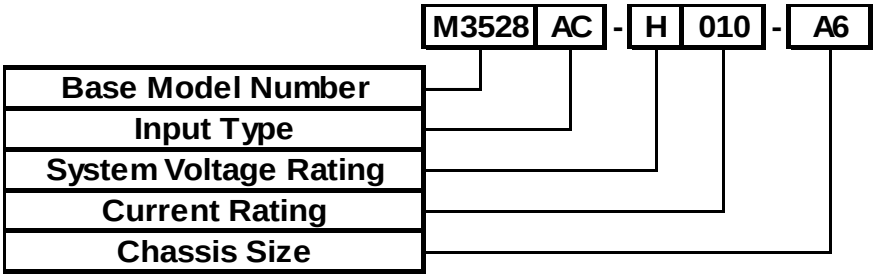
- Model number of unit
- Serial number of unit
- Name of original equipment supplier (if available)
- Record the line voltage
- Record the DC Bus voltage immediately after the AC voltage
- Brief description of the application
- Drive and motor HP or kW
- kVA rating of power source
- Source configuration and grounding

Table of Contents

Frequently Asked Questions

1) What is the M3528 part breakdown?

Example of M3528 Part Number Breakdown



BASE MODEL NUMBER

The base model number for all Charger Modules is **M3528**.

INPUT TYPE

The Input Type indicates either AC or DC input. The DC input is only available in the 10 amp models.

SYSTEM VOLTAGE RATING

The System Voltage Rating indicates the nominal system voltage levels as listed in Table 2-1.

System Voltage Rating Codes

RATING CODE	NOMINAL VOLTAGE (AC LINE / DRIVE BUS)
L	230VAC / 325VDC
E	380-415VAC / 540-585VDC
H	460VAC / 650VDC

CURRENT RATING

The Current Rating indicates the maximum charging current for the M3528 in DC Amps. This rating is directly represented by a 3-digit value. For instance, the rating for a 10ADC M3528 is indicated as **010**.

CHASSIS SIZE

Two open type chassis sizes are indicated by a code as shown in Table 2-2. This chassis size is determined by the current rating of the unit.

Chassis Size Codes

CHASSIS SIZE	DIMENSIONS H x W x D	CURRENT RATING

Frequently Asked Questions

A6	18.60” x 6.25” x 11.25”	10A
K8	20.00” x 8.10” x 11.10”	20A

2) What are the voltage ratings for the M3528?

RATING CODE	NOMINAL VOLTAGE (AC LINE / DRIVE BUS)
L	230VAC / 325VDC
E	380-415VAC / 540-585VDC
H	460VAC / 650VDC

3) What are the user I/O connections for the M3528?

User I/O Connections With 3528C2 or 3528C3 Boards

TERMINAL	FUNCTION	ELECTRICAL SPECIFICATIONS	WIRE AWG	TORQUE
TB3-1	24VDC+	24 VDC, 50 mA	16	2.1 lb-in
TB3-2	Enable Input			
TB3-3	24VDC+			
TB3-4	Equalize Input			
TB3-5	Input Common			
TB4-1	Output Common	350V, 120mA		
TB4-2	Charging Output			
TB4-3	Ready Output			