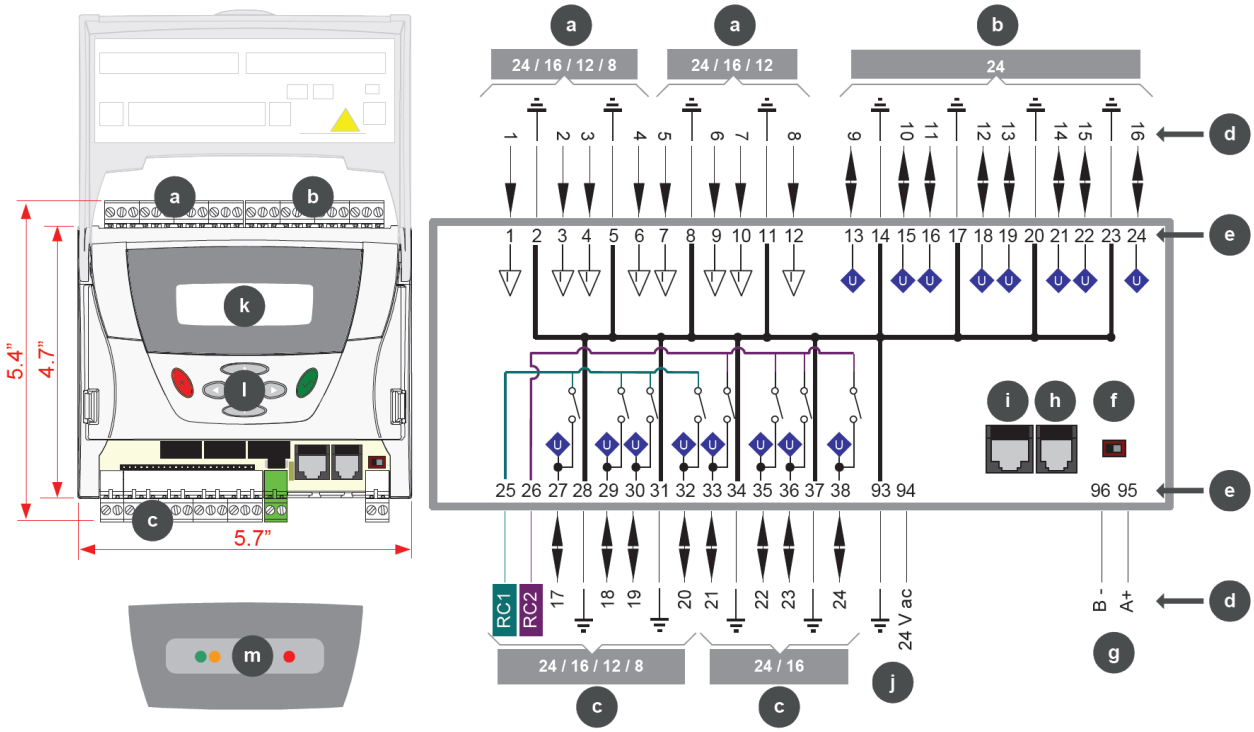
AMERICAN AUTO-MATRIX®
A Cylon Energy Inc. Company

CBM



English

	CAUTION - DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE RECOMMENDED BY THE MANUFACTURER. DISPOSE OF USED BATTERIES ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
a	Universal Input
b	Uniput™
c	Uniput™ + Relay • When these outputs are configured as 'relay' they use either terminal 25 RC1 or terminal 26 RC2 as their common point. Otherwise they use 28, 31, 34, or 37 (⏚) as their common point.
RC1 RC2	Relay Common
⏚	Common
d	Point Numbers
e	Terminal Numbers
f	Fieldbus Terminator
	• OFF (fieldbus not terminated at this controller)
	• ON (fieldbus terminated at this controller)
g	Fieldbus Port
h	External Keypad Port
i	Service Port **Note**: Service Port (serial connection) must not be connected until after the device is powered on.

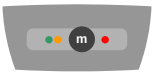
QUICKSTART GUIDE

Smart Building Solutions®

j	Power 24 V AC

Keypad Variants

k	Text Display (LCD)
l	Internal Keypad • Pressing and together toggles the display between Configuration and Program modes. • Pressing and together changes the contrast of the LCD screen display.



Non- Keypad Variants

m	Indicator LEDs
	Red LED Continuous: Optional battery is healthy. Flash once a second: Indicates no battery/battery is low.
	Green LED Continuous: Strategy servicing and no comms. Flash rapidly (every 100 ms): Strategy not servicing. Flash once a second: MSTP comms, and Strategy servicing. ***Note:*** *when Service Port is in use, the Green LED blinks off as Service Port comms are received.*
	Orange LED Off: Normal operation. On: Priority Array set above 16, for one or more Hardware Points, by external BACnet Client or by the CEC.
	Cycle left to right (green - orange - red): Controller is in terminal mode.
	Cycle right to left (red - orange- green): Upgrade in progress while Controller is in terminal mode ***Note:*** *The strategy is not serviced while in upgrade mode.*
	Cycle green to orange Globals communication/setup problem
	Green and orange flash simultaneously Globals communication/setup problem **and** Priority Array is set above 16 by external BACnet Client, or by the CEC.

AAM Part No: 1E-01-00-0076

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