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Find the *Keyence CA-U3* at our website: ***Click HERE***



CA-U3 (CA-U3#)

24 VDC Power source

SPECIFICATIONS

Model		CA-U3
Input conditions	Rated input voltage	100 to 240 VAC (±10%), 50/60 Hz
	Rated input current	2.1 A max.
Inputconditions	Efficiency	78 to 80% (typical)
Input conditions	Power factor (100/200 VAC)	0.99/0.95 (typical) with maximum load applied
	Leakage current (100/200 VAC)	0.4/0.75 mA max.
	Rush current (100/200 VAC)	18/36 A max. (at 25°C 77°F cold start)
Output conditions	Rated output voltage	24 VDC, Class2
	Rated output current	6.0 A (Total of 3 output terminals)
	Ripple/noise voltage	1% (p-p) max.
	Input fluctuation	0.4% max.
	Load fluctuation	0.7% max.
	Starting time (100/200 VAC)	1,300/700 ms max.*1
	Output holding time	20 ms min. (100 to 240 VAC)
Protection	Overvoltage protection	Constant current drops or output is cut off at 7.9 A or max.*2
		Provided*3
Safety standards		UL60950-1, UL508, CAN/CSA C-22.2 60950-1-3, EN60950-1
Noise terminal voltage		FCC part 15B class A, EN55011 class A
Radiated interference field strength		
Limits for harmonic current emissions		Conforms to EN61000-3-2
Environmental resistance	Pollution degree	2
	Overvoltage category	II
	Insulation resistance	100 MΩ min. at 500 VDC (Input-output) (Input-GND) (Output-GND)
	Ambient temperature	-10 to +55 °C 14 to 131 °F (No freezing)
	Storage temperature	-20 to +70 °C -4 to 158 °F (No freezing)
	Relative humidity	25 to 85 % RH (No condensation)
	Withstand voltage	3.0 KVAC, 50/60 Hz, 1 min (Input-output) 2.0 KVAC, 50/60 Hz, 1 min (Input-GND) 500 VDC, 1 min (Output-GND)
	Vibration resistance	10 to 55 Hz, Double amplitude 1.5 mm 0.06" max., 2 hours in each of the X, Y, and Z directions (9.8 m/s^2 max. when mounted on a DIN-rail)
	Shock resistance	300 m/s^2, 2 times for each direction of 3 axes
Weight		Approx. 700 g

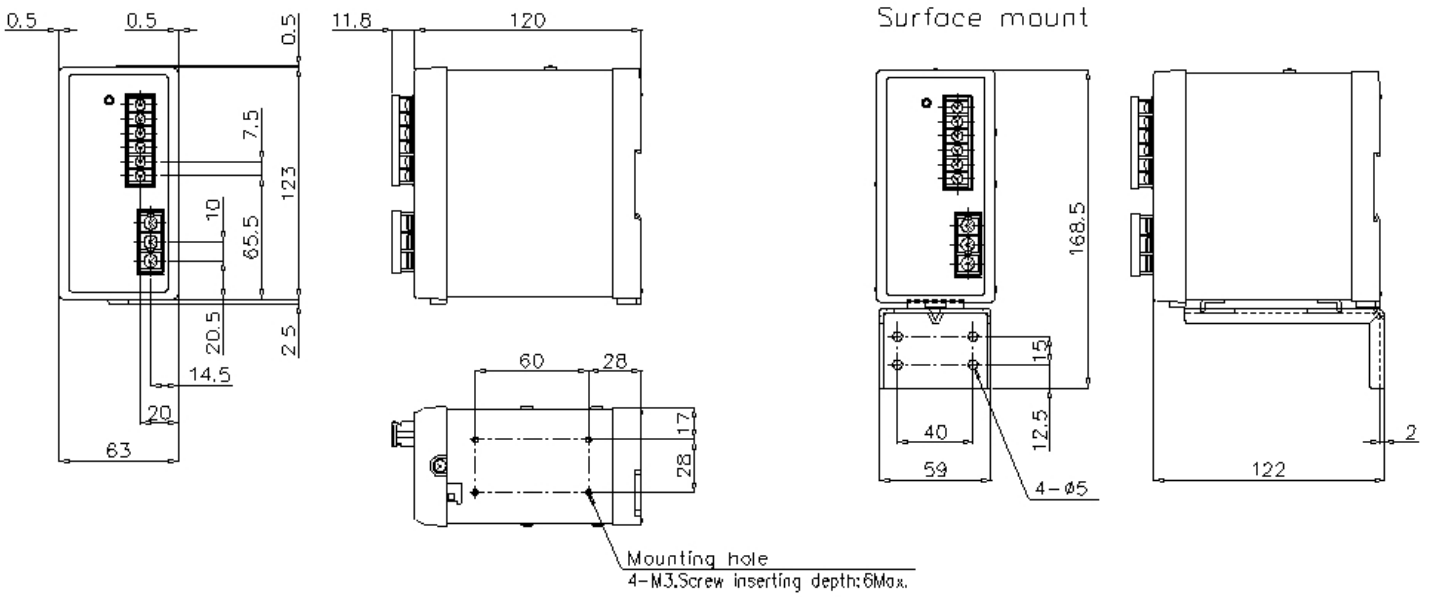
*1 Specifi ed with the rated input voltage (100 or 200 VAC) and 100% load applied.
*2 Automatic recovery occurs after dropping. When output is interrupted, wait for 1 minute or longer after the input is turned off, and then turn on the input for recovery.
*3 Output is cut off by an amplitude interrupting system. When output is interrupted, wait for 1 minute or longer after the input is turned off, and then turn on the input for recovery.

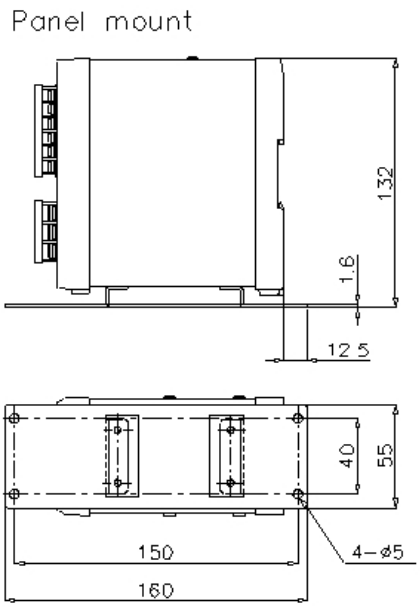
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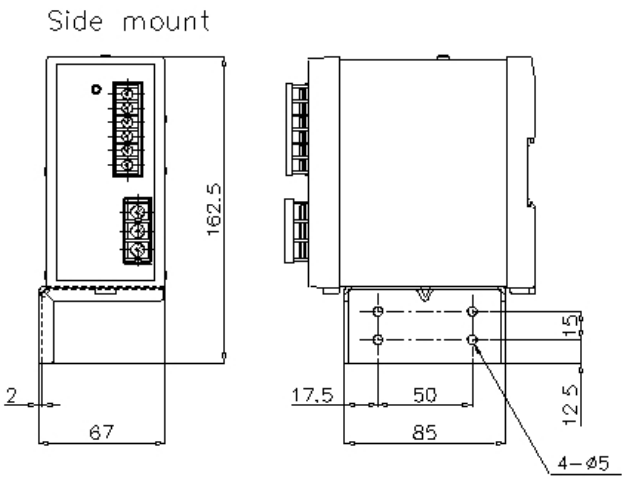
Dimensions

* Download CAD file or product manual for larger image/text and more detail.

CA-U2







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