

USB CHARGER

Model Series 2078



- Charge smartphones and run USB-powered devices
- Compatible with 12V and 24V battery systems
- Protected from overcurrent and electrical transients, including load dump per ISO 16750-2
- Water-resistant design for outdoor use
- Assembled in the USA
- RoHS, REACH, and Conflict Mineral compliant

OPERATION

Delta Systems' USB Charger offers quick-charging for smartphones up to 3.1 amps and reliable operation for USB-powered devices. The water-resistant design makes it ideal for use in outdoor, open-cab applications like outdoor power, construction, agricultural, and material handling equipment, as well as off-highway vehicles. Device is protected from overcurrent and electrical transients, including load dump.

ELECTRICAL SPECIFICATIONS

Operating Voltage, VDC	9-29
Max Output Current, A	3.1 (@ -40 to +60 °C)
	2.2 (@ -40 to +80 °C)

ENVIRONMENTAL RATINGS

Salt Fog	ASTM B117, 96 hours
Ingress Protection	IEC 60529 IP54
Operating Temperature Range	-40 to +80 °C
Storage Temperature Range	-40 to +80 °C
Chemical Resistance	ASTM Ref C Fuel, Diesel Fuel, Oil, Antifreeze, Freon, Paint, Latex, Gasoline, Gas w/ 10% Ethanol, WD-40, Battery Acid, Ammoniated Glass Cleaner, Kerosene, Fertilizer
Environmental Testing	ISO 15003:2019 compliant

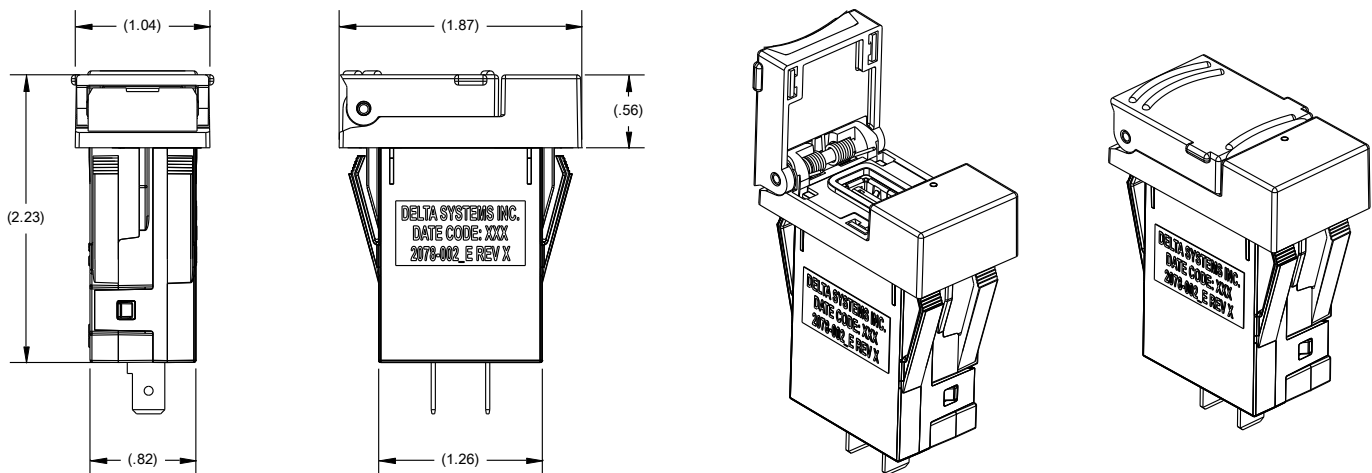
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DIMENSIONS

Note: For specific part information, please refer to the application print



MOUNTING CONFIGURATION

- Snap-in mounting for a 1.455" x 0.830" rectangular cut-out
- Recommended panel thickness is 0.055"-0.165", including paints and/or other coverings applied between the charger and panel

Note: Life expectancy and performance are largely dependent on application. It is the user's responsibility to determine the suitability of this product for the application. This information is intended as a guide for proper application.

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