

DT-5K-IS

Stainless Steel Intrinsically Safe Keyboard

iKey manufactures devices to reduce risk of failure in your hazardous areas. The intrinsically safe DT-5K-IS keyboard features an integrated HulaPoint™ pointing device and comes enclosed in non-corrosive stainless steel with optical isolated barriers and bulkhead cables for complete protection. It has a Factory Mutual approval for Class I, II and III, Division I, Groups C, D, E, F and G.



Technical Specifications

Certifications	NEMA 4X, CE UL60950, FCC Part 15 Class B
Shock	3x11 ms pulses of 50g on each of 3 axes
Cable	LENGTH: 5 feet from keyboard to Bulkhead Connector DESIGN: 2 separate cables (providing separate keyboard and mouse connections)
Key Switch	MATERIAL: Industrial silicone rubber LIFE: Greater than 10 million cycles TRAVEL: 0.055 in. (1.4 mm) ACTUATION FORCE: 7.05 oz. +/- 1.06 oz. (200g +/- 20g) FEEDBACK: Tactile with mechanical snap
Vibration	POWER SPECTRAL DENSITY: 0.04g/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION OF TEST PER AXIS: 3 hours
Power	Reference Drawing Number IS-97107 for Power Requirements Installation shall be in accordance with NEC, Article 504, ANSI, NFPA 70
Compatibility	PS/2 KEYBOARD/HULAPOINT: All Windows Operating Systems
Temperature Range	STORAGE: -40C to +70C (-40F to +158F) OPERATING: -20C to +60C (-4F to +140F)
Weight	6.75 lbs +/- 0.10 lbs (3.06 kg +/- 0.05 kg)
Warranty	1 year limited warranty
Humidity	100%
Dimensions	16.25" x 7.88" x 1.8" (w-h-d) 412.8mm x 200.2mm x 45.7mm

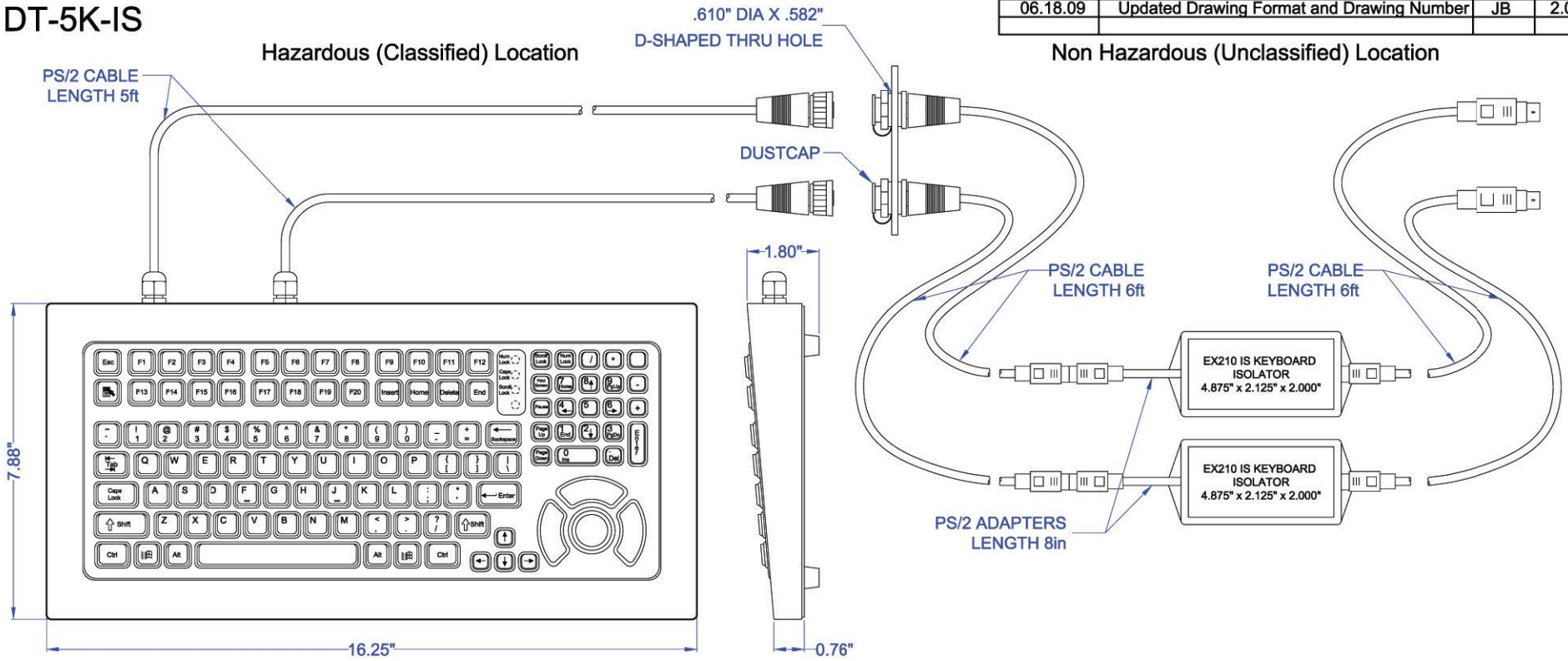
Model Numbers

Features and Benefits

- 10-Key Numeric Pad
- PS2 Configurations Available
- Integrated HulaPoint Pointing Device

DT-5K-IS

DATE	CHANGES	INTL	REV
12.07.03	Original		1.0
06.18.09	Updated Drawing Format and Drawing Number	JB	2.0



KEYBOARD SPECIFICATIONS:

KEY SWITCH

MATERIAL: Industrial Silicone Rubber
 LIFE: Greater Than 10 Million Cycles
 TRAVEL: 0.055 in.
 ACTUATION FORCE: 7.05 oz. +/- 1.06oz (200g +/- 30g)
 FEEDBACK: Tactile with Mechanical Snap

POWER

Reference Drawing Number IS-97107 for Power Requirements
 Installation shall be in accordance with NEC, Article 504,
 ANSI, NFPA 70

TEMPERATURE RANGE

STORAGE: -40°F to +158°F (-40°C to +70°C)
 OPERATING: -4°F to +140°F (-20°C to +60°C)

HUMIDITY

100% Humidity Resistant

VIBRATION

POWER SPECTRAL DENSITY: .04g²/HZ
 FREQUENCY RANGE: 20Hz-2Khz
 DURATION OF TEST PER AXIS: 3 hours

SHOCK

3 X 11 ms pulses of 50g on each of 3 axis

WEIGHT

6.75 lbs +/- 0.10 lbs (3.06 kg +/- 0.05 kg)

PROPRIETARY AND CONFIDENTIAL

NOT TO SCALE

Part Number: DT-5K-IS	Drawing Number: MKT00201	Sheet: 1 OF 1
Drawing Title: DT-5K-IS-MKT	Revision: 2.0	Date: 06.18.09
		JWB



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