

APC Technology

KBIM2-IS Intrinsically Safe Keyboard with Integral Mouse



Quality
ISO 9001

SAI GLOBAL



FEATURES

Intrinsically safe

Stainless Steel construction

Fully sealed to IP65

Tactile feedback

Ideal for operator interface requirements in mining, oil and gas industries with potentially explosive atmospheres

PRODUCT DESCRIPTION

The KBIM2-IS is a full QWERTY PC keyboard with integral mouse for use in industrial environments. The unit is intrinsically safe, protected via safety barriers, and is suitable for use in Zone 0 hazardous locations.

The KBIM2-IS is fully welded from stainless steel. The membrane is covered with a conductive stainless steel shim to prevent static build up.

Certifications:

IECEX 60079-0 Edition 3.1 , 60079-11 Edition 4

Ex ia I/IIC T4 IP65

IECEX SIM 05.0004x



AUSTRALIAN MADE



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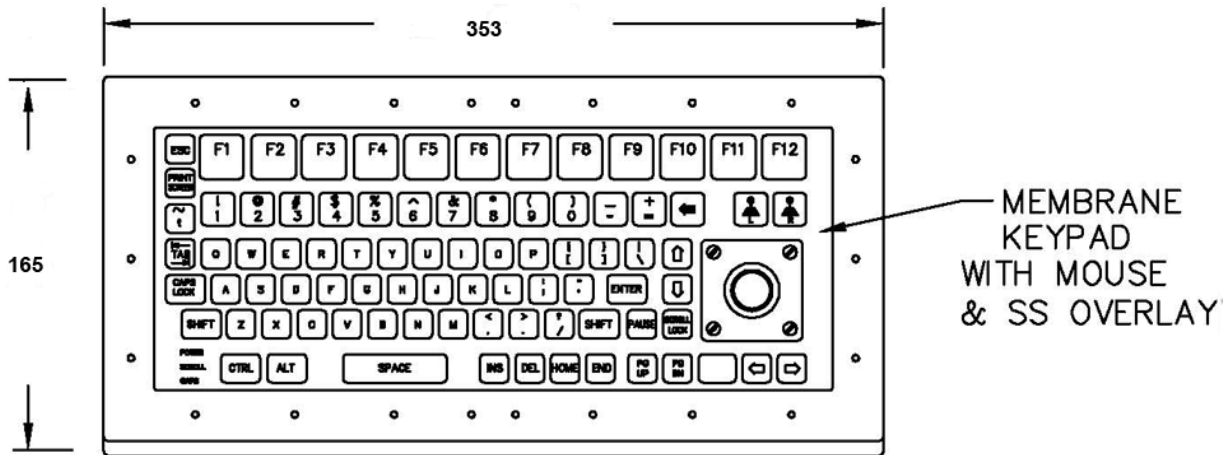
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Technical Specifications

Key functions: 82 key
 Format: QWERTY
 Construction: Stainless steel
 Connection: From repeater:
 USB & PS/2 adaptors supplied

Safety Description

The required safety description for barriers assessed on Entity concept is:

Maximum input voltage (Ui) 17 V
 Maximum input current (Ii) 310 mA
 Maximum input power (Pi) 1.3 W
 Maximum internal capacitance (Ci) 0 μ F
 Maximum internal inductance (Li) 0 mH

Technical Specifications

Environmental

Operating temperature: -20°C to + 40°C
 Storage temperature: -20°C to + 70°C

Physical Dimensions

Gross Weight: approx 7kg (kbd + rprtr)
 Unit Dimensions: 353(W) x 165(D) x 83.5(H)mm

Approvals

EMI Approvals: FCC Part 15, Subpart B;
 Class B certification
 EN55022 Class B
 Approvals: IECEx 60079-0 Edition 3.1
 60079-11 Edition 4
 Ex ia I/IIC T4 IP65 -20°C to +40°C
 IECEx SIM 05.0004x

Includes:

Keyboard
 Repeater (can be factory configured for either 110 or 240V)

Due to continuing developments, specifications are subject to change without notice. No liability is accepted for errors or omissions.



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