

SS-CL

Solenoid Controlled Rotary Key Switch



Description

A Key operated rotary switch unit with additional solenoid control, for use where a key/keys need to remain trapped until an electronic signal has been received. Units can be manufactured to accommodate up to 7 keys trapped in a single solenoid and are available in both panel (BOB) and surface (FOB) mounting forms. Normally supplied for vertical mounting, horizontal mounting units are available on request.

Features & Benefits

- Front and back of board versions available
- Complete solenoid monitoring contacts as standard
- Solenoids available in 24v, 110v and 230v
- Available in 6 amp and 16 amp versions (specials on request)
- Coding can be up to 3 lines of 7 characters (on key and dustcover)
- Front and back of board versions available
- 4NO, 2NO/2NC, 6NO or 3NO/3NC contacts available (specials on request)

Application

Part of an interlock system, the units are used for control or interruption of control or power circuits operating plant or machinery and the solenoid facility allows for integration with other electronic control processes within the system. (E.g. a machine may come to an end of cycle before the power can be isolated).

Operation

The solenoid holds the primary key in the trapped position (normally power ON) and must be energised by receipt of a remote electrical signal before the key can be operated and released. Removal of the key isolates the power or control circuits. In multiple lock units, the primary key is released first, followed by the others in sequence. All keys must be replaced in the correct order before the primary key can be returned and the equipment re-energised.

Construction Details

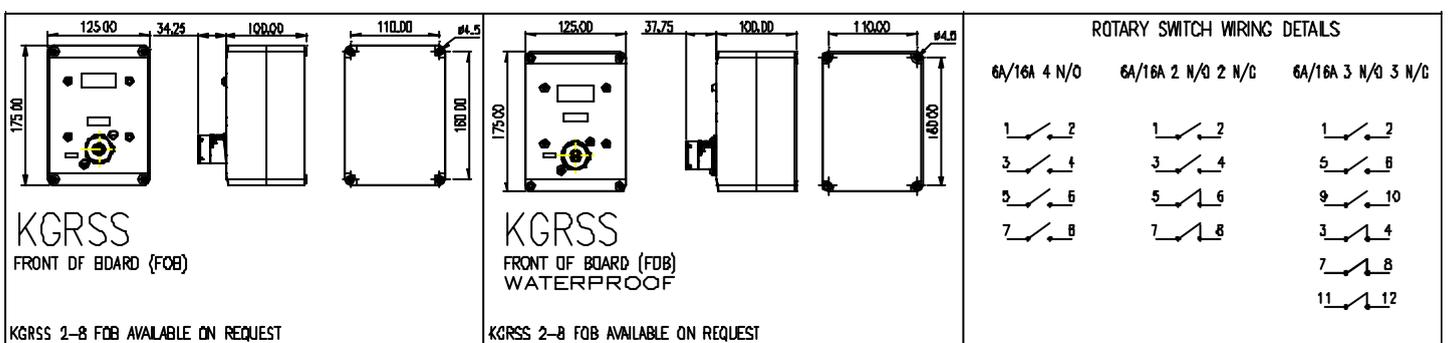
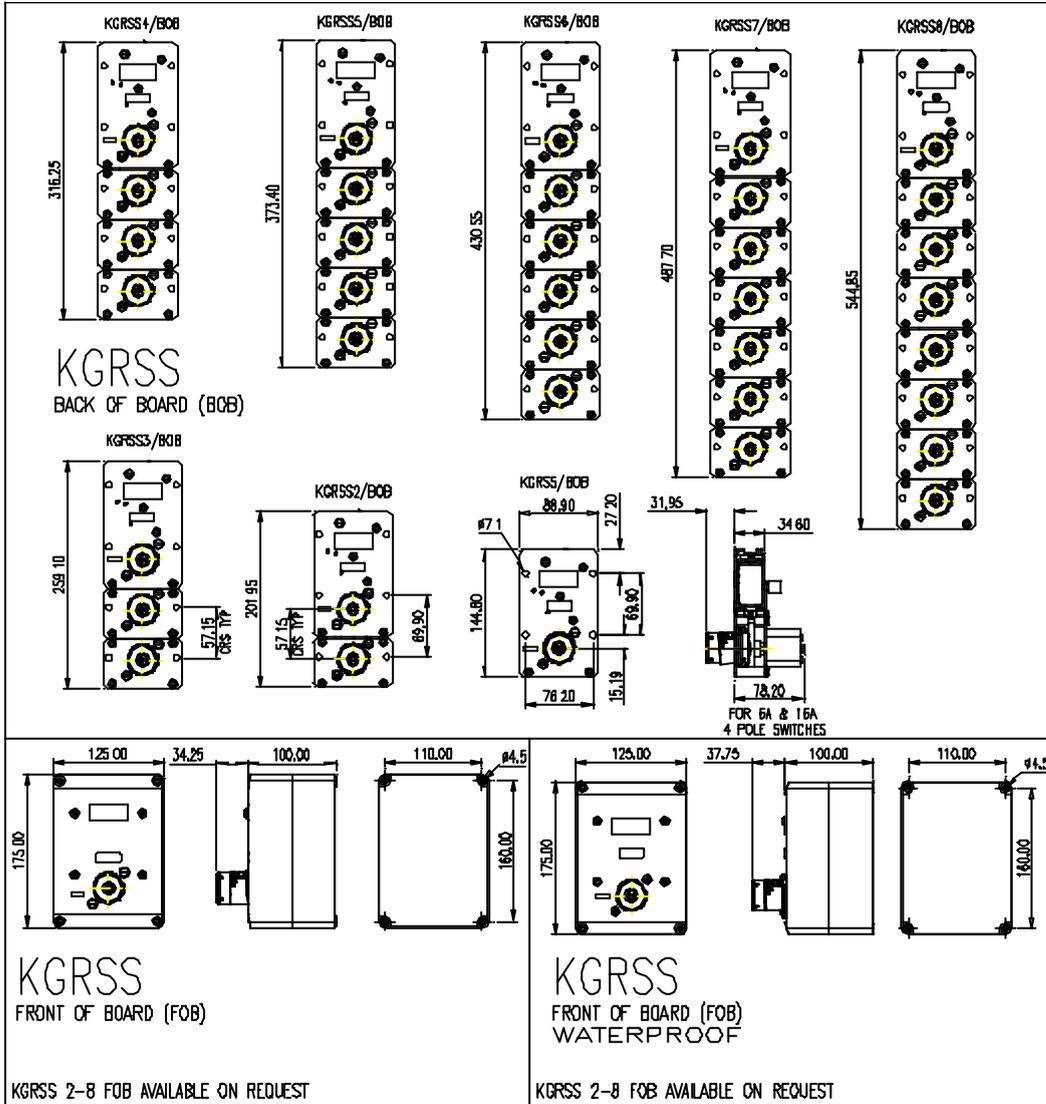
Mounting Plate:Mild with polyester/epoxy finish
Lock Mechanism:Die-cast zinc body with stainless operating mechanism
Key:Stainless steel

Keys

Please note keys are ordered separately.

Options

- Part/all stainless steel basic lock
- Stainless Steel dustcover
- Special Switch contact configurations
- Optional key sequences and 'key free'



PRODUCT TYPE	NUMBER OF LOCKS	LOCK TYPE	LOCK MATERIAL	DUSTCOVER	SWITCH AC/DC	SWITCH AMPS	SWITCH CONTACTS	AC/DC SOLENOID	SOLENOID VOLTAGE	FRONT OF BOARD / BACK OF BOARD
SS	1	CL	STAINLESS STEEL INTERNALS	NONE	AC	016 SWITCH AMPS	4 NORMALLY OPEN 0 NORMALLY CLOSED	DC SOL	024 SOL VOL	BACK OF BOARD

PART NUMBER

SS1-CLIN-AC1640D24B

Ordering and Example

Part Numbering - Please specify the following information at the point of ordering:-

Product Type: **SS**
 Number of Locks: **1**
 Lock Type: **CL**
 Lock Material: **I-Stainless Steel Internals**
 Dustcover: **N-None**
 Switch AC/DC: **AC-AC**
 Switch Amps: **16-016 Switch Amps**
 Switch Contacts: **40-4 Normally Open 0 Normally Closed**
 AC/DC Solenoid: **D-DC Sol**
 Solenoid Voltage: **24-024 Sol Vol**
 Front of Board /
 Back of Board: **B-Back of Board**

If a product is not classified as a standard Fortress product the part number will be followed by X001 to denote its status.

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