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**Luft Brasil Ind. Com. Ltda**

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## **Type SKRU - Solenoid Key Release Unit 2-Key, Housed**



The Type SKRU consists of an interlock, a solenoid, and an auxiliary switch. The solenoid is designed to permit removal of the interlock key in response to an external electric signal. The auxiliary switch is a quick-make, quick-break device, which operates when the interlock key is rotated. Normally, the keys are trapped in the SKRU and the solenoid is de-energized. To release the keys, a signal must be sent to the solenoid from an external source.

The SKRU is typically used in combination with other KIRK® key interlocks. The SKRU can be manufactured with various mechanical and electrical options. The push button and/or the signal lamp are the most popular options. All components are UL recognized. The solenoid, optional signal lamp and optional push button are wired out to a terminal block along with some of the auxiliary contacts. Please reference the wiring diagrams on our website for specific details.

The main body of the SKRU is constructed of brass. The optional cover plate and optional housing are aluminum.

### OPTIONS

- Mounting Options – housed (shown above), cover plate only (shown on next page), or unhoused (shown on SD Series Data Sheet 2.2B).
- Key Removable – the 2-key SKRU can be keyed either of two ways: 1) both keys normally held - both keys released together once the solenoid is energized. 2) one key normally held - the held key is released once the solenoid is energized and the initiating key is inserted and turned.
- Signal Lamp – indicates that the external electric signal has been sent to the solenoid..
- Push Button – connected in series with the solenoid - the push button must be pressed to allow the external electric signal to energize the solenoid.



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## Type SKRU - Solenoid Key Release Unit 2-Key, Coverplate Mounted



### OPTIONS (continued)

- Solenoid Voltage – 120VAC, 24VDC, 48VDC, or 125VDC.
- Auxiliary Switch – double pole/double throw (DP/DT) is standard. The DP/DT switch is UL recognized and rated 10A 250VAC or VDC, or 15A 125VAC or VDC. Four pole/double throw (4P/DT) is available.
- Gasket – available for weatherproofing with Housed option.
- Multi-Cylinder - up to 2 cylinders available. The two-cylinder SKRU can be keyed either of two ways, 1) both keys released together once the solenoid is energized or, 2) keyed so that one initiating key and the external signal to the solenoid are required to release a held key.
- Stamp Key Interchange - specify an alphanumeric code to be stamped on the cylinder face and the key (e.g. A1, A2, B1, etc. - up to 5 characters). See SD Series Data Sheet for Keys (3.4) and Terminology (4.1) for details.
- Dust Covers - see SD Series Data Sheet for Dust Covers (3.1) for details.

### Notes:

1) If both the signal lamp and push button are selected as options, the SKRU will be supplied with a combination signal lamp and push button as a single device.

2) If the Cover Plate Only mounting option is selected, the Unhoused SKRU will be mounted to the front cover plate from the Housed SKRU (see photo above). Reference the housed SKRU drawing on SD Series Data Sheet 2.2C and note the overall dimensions and mounting hole locations.

# SD SERIES - SPECIFICATION DATA SHEET 2.2C



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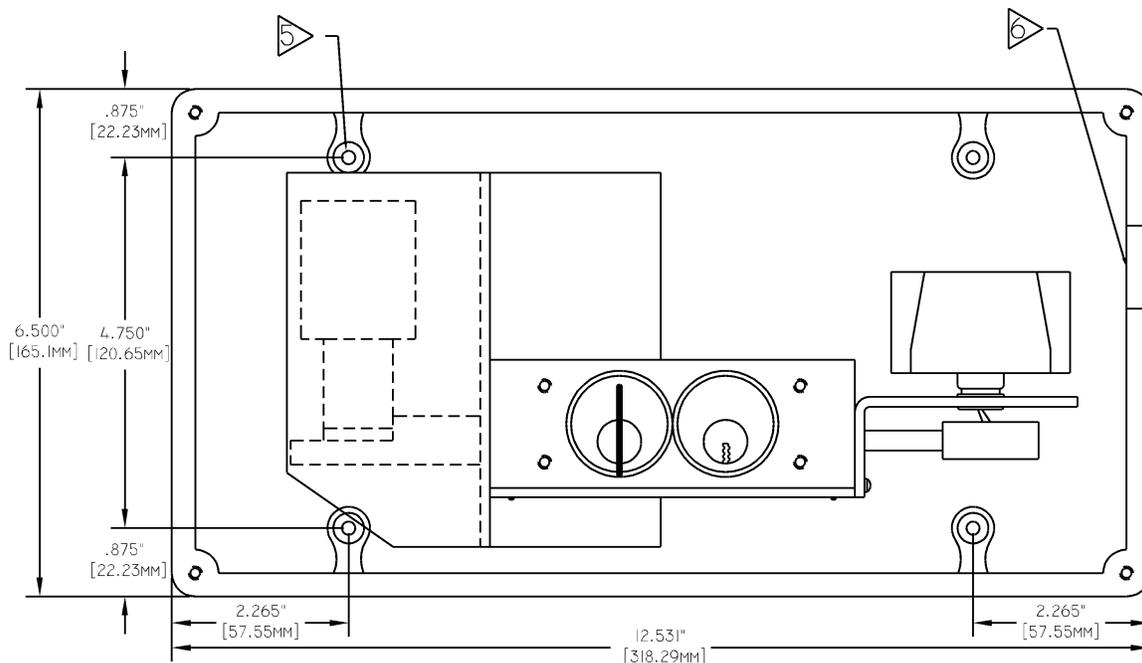
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## Type SKRU - Solenoid Key Release Unit 2-Key, Housed



### NOTES:

- 5) Four .312 (7.94mm) holes for 1/4" mounting bolts. (Located on back of housing).
- 6) 1.063" (27mm) diameter clearance hole for conduit.



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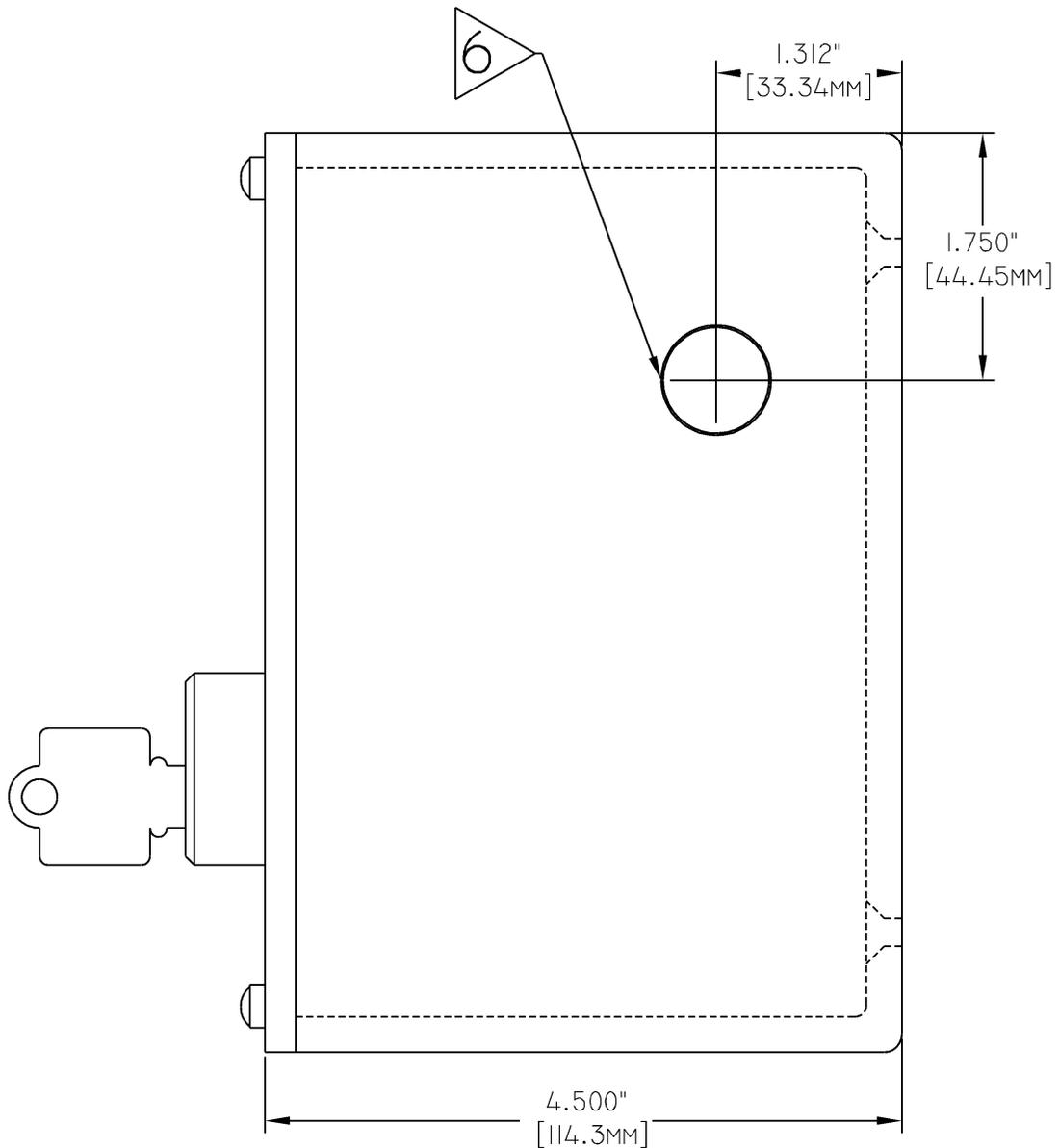
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NOTES:

6) 1.063" (27mm) diameter clearance hole for conduit.