

Card Access Control Specifications

1.0 Qualifications

1.01 Vendors must be pre-qualified for card access on the SHSU campus.

2.0 General Requirements and Notes

2.00 SHSU requires that all exterior doors

Von Duprin

EPT-10

EPT-5

Armored cable door loops – used on pivot hinge doors in place of GVUX power transfer.

Alarm Lock AL271

Keedex K-DLA12

4.06 **Power Supplies and Batteries**

Altronix AL600 Series Power Supplies

Altronix Batteries

Base Electronics LVPC201144-24 - 8 Door Power Distribution Enclosure with Aux Power Output for auxillary door components (REX motion detector, sounders, etc.)

Base Electronics LVPC201181-24 - 16 Door Power Distribution Enclosure with Aux Power Output for auxillary door components (REX motion detector, sounders, etc.)

Von Duprin PS914 to include 900 battery back-up kit and an additional 900 2RS 2 relay EL panic device control board.

4.07 **Relays**

Altronix Relay

Altronix 6062 – Time delay relay (for ADA doors.)

IDEC

IDEC RHU1B and RHU2B Relays (in Base Power Distribution Enclosures)

4.09 **Request to Exit (REX) Request to exit**

Detection Systems : BOSCH DS 150i Request to Exit Motion Detector

4.10 **Cabling:** Composite Cabling

4.11 **Personality Module and Housing**

RM4 Reader Module

4.12 **Door Switches**

5.0 Network Topography

- 5.01 SHSU uses a star configuration with each access/alarm point being a 'home run' back to the access control panel

**SAM HOUSTON STATE UNIVERSITY
DIVISION 08 OPENINGS**

SECTION 087400 – CARD ACCESS

- 6.06.2 Surface mount switches will have armored cable between the switch and the cable entrance hole in the door.
- 6.06.3 Flush mount switches are to be mounted in the top portion (header) of the doorframe and in the adjoining portion of the door.
- 6.06.4 The holes for flush mounted door switches must be drilled the exact size for the switch being used. A tight friction fit must be achieved.
- 6.06.5 No hinge contacts are to be used.
- 6.07 Door Hardware
 - 6.07.1 Door hardware will be **fail-secure** 7.4 (i)-f 0225239 0 TdcTj EMC Etl BT /htl B(hi)6.2to be