



KLL 1 Key Tape Reader and KSP 1 Key Transfer Device

Electronic key distribution devices

Version
01.00

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KLL 1 Key Tape Reader

The KLL 1 Key Tape Reader is a device for reading crypto variables stored on an 8 bit paper tape and for transferring them directly to crypto equipment.



KLL 1 Key Tape Reader

KSP 1 Key Transfer Device

The KSP 1 Key Transfer Device can store up to 32 crypto variables (120 bit + 8 bit) and control the transfer of crypto variables to SAVILLE crypto equipment.



KSP 1 Key Transfer Device

Functions

The KLL 1 Key Tape Reader scans crypto variables stored on standard one-inch, eight-level punched tapes. It converts the information to serial output data that complies with the electrical characteristics of the standardized SAVILLE fill interface.

The KSP 1 Key Transfer Device is compatible with all standardized SAVILLE fill devices and crypto equipment.

Mechanical design

The KLL 1 Key Tape Reader is mounted in a small, ruggedized, waterproof housing that contains the mechanical tape scanner and an equipment-specific LSI circuit.

The KSP 1 Key Transfer Device is mounted in a small, ruggedized, waterproof housing that contains an equipment-specific LSI circuit and the crypto variable storage. It is operated using three touch buttons and has a three-digit display.

Specifications

Reliability		
MTBF	>10000 h	
Power supply data		
Battery voltage	6.75 V (lithium battery)	
Environmental data		
Ambient temperature		
Operating temperature range	-25 °C to +55 °C	
Storage temperature range	-40 °C to +70 °C	
Storage at humid climate (VG 95332, p. 6)	10 days at +25 °C to +40 °C	
Transportation		
Shock-proof (VG 95332, p. 25)	2 g, 10 Hz to 500 Hz	
Crash-proof (VG 95332, p. 9)	height of fall: 1200 mm	
	KLL 1	KSP 1
Dimensions (W × H × D)	65 mm × 40 mm × 135 mm (2.6 in × 1.6 in × 5.3 in)	43 mm × 51 mm × 145 mm (1.7 in × 2.0 in × 5.7 in)
Weight	450 g (0.99 lb)	425 g (0.94 lb)



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