

Functions

- Mifare reader and writer
- Door control
- Door status indication
- Self-Defense (plug-out) alarm
- Reader icon illuminated by backlight lamp for night use
- Power over Line (PoL)

Electrical Characteristics

Direct current supply	32 to 40 VDC (supplied by system DK port)
Consumption	< 100 mA
DO/DI (Relays and Sensor)	1 / 2
Relay Contact Rating (resistive load)	1A/30 VDC
Sensors	Open loop impedance > 470K ohm Close loop impedance < 100 ohm



Installation

KSU	Connect Tip/Ring terminals to Digital Station Port (STU of GDS, G1E+ and Lynx)
Relay 1	Connect to the main relay that unlocks/opens a door, or other device as required.
Sensor	Dry connect for applications like door status, manual open, etc (program in system)
Mounting	On wall

Mechanical Specifications

Body Material	ABS
Standards	IP44
Color	Black
Dimensions	99.6 (L) x 40.0 (W) x 24.6 (D) mm
Weight	85g (net)

Environmental Specifications

Max / Min. Temperature (operating)	0° to 40° C
Max / Min. Temperature (storage)	-40° to 66° C
Humidity	0 to 95% relative

Wiring Specifications

Connection Cable Length	< 600M with G2-STU2
Connection Cable Spec	0.5 mm; 90 ohms/Km; 50nF/Km; Twist Pair

Design and specifications are subject to change without notice.