

S.series Lite



Keypads

The S.series Lite looks like a metal keypad, but the keys and housing are crafted from polycarbonate which is known for its incredible strength and high-impact resistance.

It is also protected to IP67 against water, oil and dirt ingress and the metal-look finish is scratch-resistant to ensure long-lasting good

Electrical life 4 million actuations / key

- KEYS: Polycarbonate (PC), metal-look
- MARKING: Precision marking using laser etching and marking. Customised markings or symbols on request.

B4

TECHNICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

Power supply:	Nominal 5 V, 5 mA Maximum voltage 24 V Minimum voltage 0.5 V Minimum current 0.1 mA
Illumination (by LED)	5V (all colours) blue and yellow as standard, red, green, and white on request
Contact resistance	≤200 Ω
Electrostatic breakdown value	5 kV
Isolation resistance	≥1000 MΩ at 100 VDC
Electric strength	as per EN IEC 60512-2 1500 Vrms, 50 Hz, 1 min.,
Lifetime (actuations/key):	4 million actuations

MECHANICAL CHARACTERISTICS

Storage temperature	-30 °C ... +85 °C
Operating temperature	-25°C ... +85°C
Protection degree	IP 67 as per IEC 60529, mounted
Shock resistance	IK 09
Actuation force:	2 N ±1N
Key travel:	1.5 mm ±0.3 mm
Rebound time:	≤40 ms
Environmental resistance	
- Damp heat (@+40°C) as per EN IEC 60512-6	21 days
- Saline mist as per EN IEC 60512-6	96 Hours
- Dry heat (@+85°C) as per EN IEC 60512-6	10 days

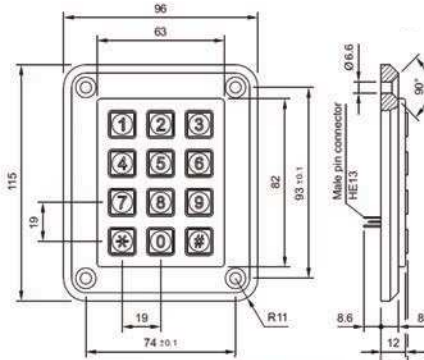
STANDARD PART NUMBERS

12 Keys version with TELEPHONE marking	Circuit	Part numbers
• Non Illuminated / Black	Common point «PC»	SL.12100.001
• Non Illuminated / Black	Matrix «XY»	SL.12150.001
• Blue Illuminated	Common point «PC»	SL.12100.211
• Blue Illuminated	Matrix «XY»	SL.12150.211
• Yellow Illuminated	Common point «PC»	SL.12100.241
• Yellow Illuminated	Matrix «XY»	SL.12150.241
16 Keys version with HEXADECIMAL marking	Circuit	Part numbers
• Non Illuminated / Black	Common point «PC»	SL.16300.001
• Non Illuminated / Black	Matrix «XY»	SL.16350.001
• Blue Illuminated	Common point «PC»	SL.16300.211
• Blue Illuminated	Matrix «XY»	SL.16350.211
• Yellow Illuminated	Common point «PC»	SL.16300.241
• Yellow Illuminated	Matrix «XY»	SL.16350.241

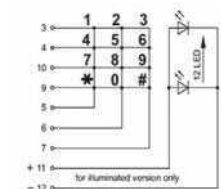
Further options and information available: www.eozonline.com

DIMENSIONS

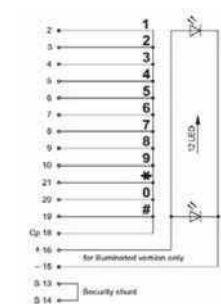
Technical drawing
12 Keys telephone



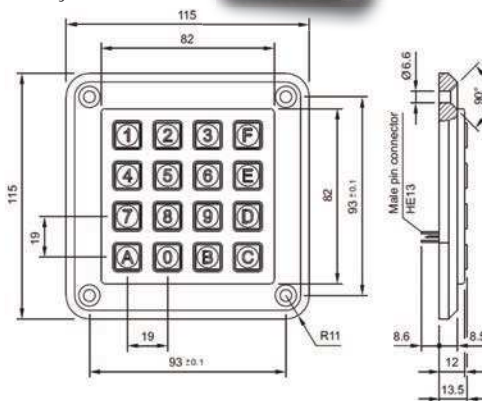
Matrix:



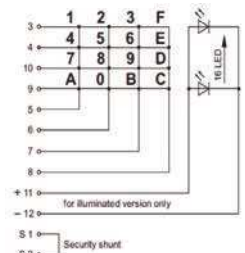
Common point:



16 Keys, Hexadecimal



Matrix:



Common point:

