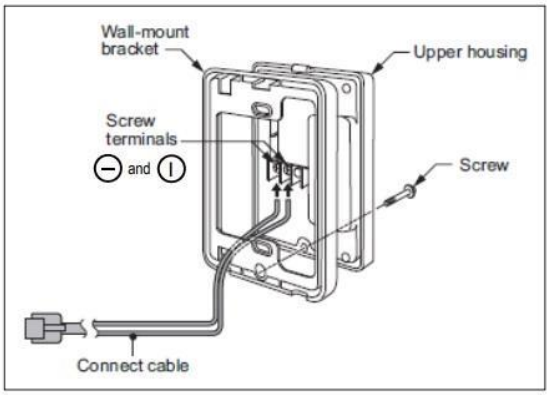
Door-Phone Box Install Instructions and Specifications on NEC SL1100:

1. Remove the screw on the front of the Door-phone Box.
2. Remove the Wall-Mount bracket from the Door-phone Box.
3. Connect the cable to the screw terminals marked ⊖ and Ⓘ on the Door-phone box. Ⓛ is NOT used. (Not polarity sensitive) See fig. 1
4. Mount the Wall-Mount bracket on the wall using supplied screws.
5. Replace the Upper housing and tighten the screw.
6. The Door-phone Box can only connect to Analog Port 3 or 4 on the RJ61 connector for analog extensions.
7. There is a limit of TWO (2) Door-Phone Boxes per KSU with a total of SIX (6) between three different KSU's.
8. Before plugging in any Door-Phone Box, make sure all KSU and/or Expansion Cabinets are fully powered down. (This goes for all Multi-Line Phones, Single Line Phones, and DSS Consoles)
9. See fig. 2 for a connection guide.

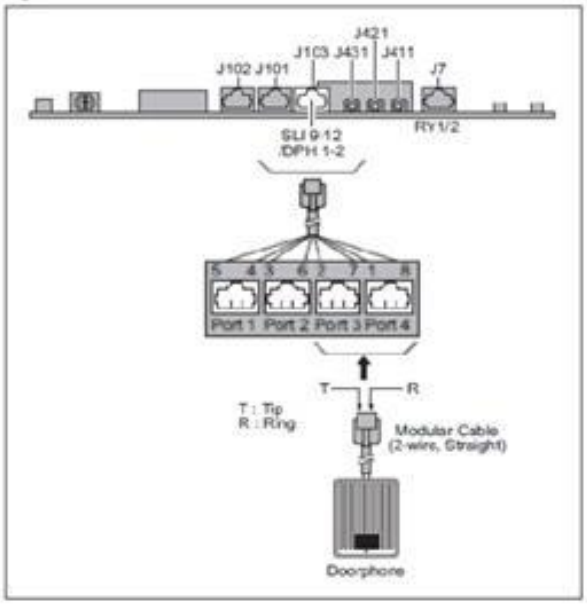
fig. 1



Installing the Door Unlock Device(s):

1. A maximum of TWO (2) Door Unlock Devices can be installed per ONE (1) SL1100 KSU.
2. See fig. 3 for an illustration of where to connect the RJ61 Connector to the RY 1-2 Port on the NEC SL1100 KSU.

fig. 2



Door Phone-Box Specifications for Unlock Device(s):

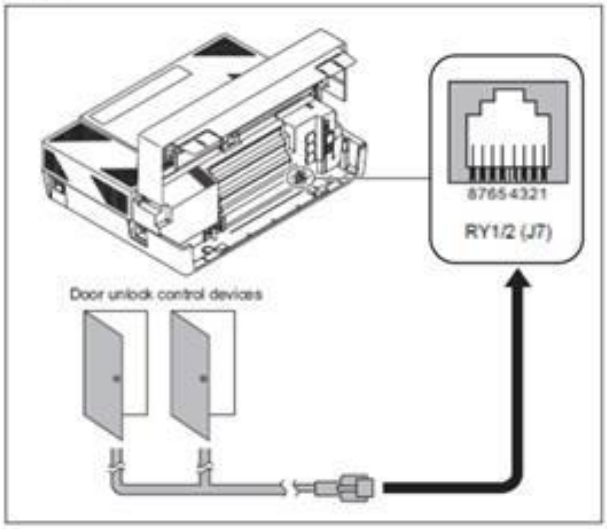
The following chart shows the Door Phone-Box interface specifications:

Item	Specification
Output Impedance	600 Ω
Output Level	Nominal 250 mV (-10 dBm)
Maximum Output	400 mV RMS

The following chart shows the pin outs for the RJ61 Cable Connector:

	Pin No.	Connection
 87654321 RY1/2 (J7)	1	Door 2
	2	Door 1
	3	Relay 2
	4	Relay 1
	5	Relay 1
	6	Relay 2
	7	Door 1
	8	Door 2

fig. 3



This chart shows the General Purpose/ Door Unlock Specifications:

Item	Specification
Rated Voltage	DC 48 V Maximum
Rated Current	DC 320 mA Maximum
Contact	Normally Open

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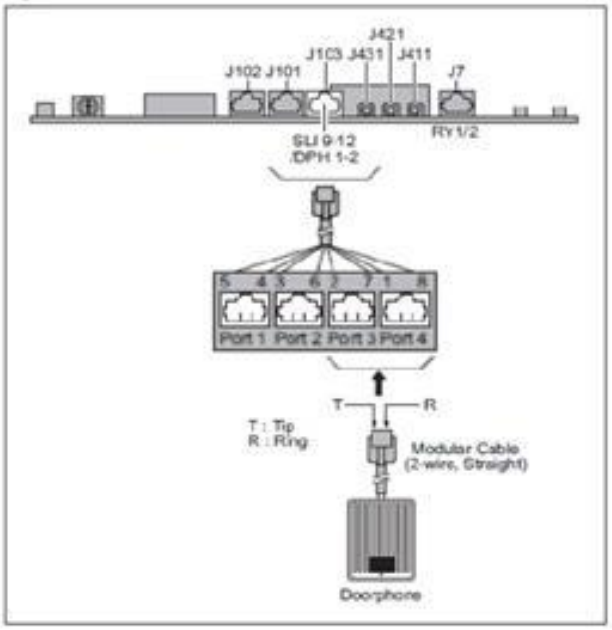

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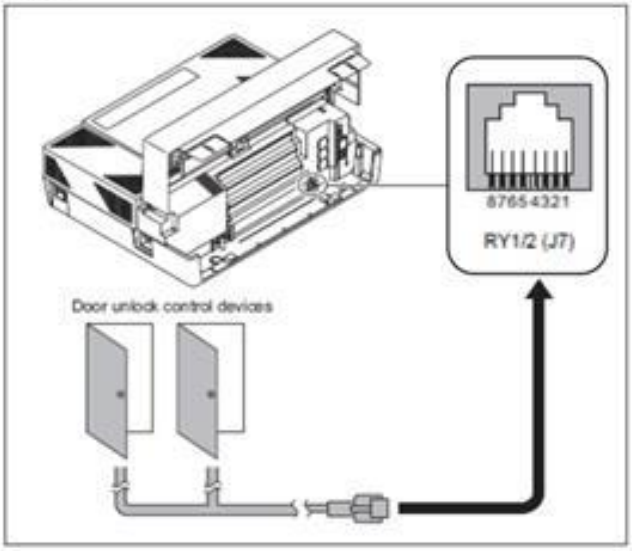

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