

**RS485 Information**

Communication parameters as specified in ANSI TIA/EIA-485-A:

**Table 2: COMMAND STRINGS FOR SL-220**

Baud Rate	Data Length	Parity	Stop Bit	Flow Control
9600	8 Bits	None	1	None

- The serial control command string is set up as follows:

**Table 3: SERIAL CONTROL COMMAND STRING**

Start of Message (HEX)	Product ID (HEX)	Address (HEX)	Command (HEX)	Message Data (HEX)	Check Code (HEX)	End of Message (HEX)
>	XX	XX	XX	XX	XX	[Carriage Return]

- Product ID** for the SL-220: **05**
- Address** controlled by dip switch settings
- Basic Commands** available for the SL-220 in the factory-supplied configuration:
  - 03: Cancel Move** = >0500037D[Carriage Return]
  - 10: Extend to End of Travel** = >0500107B0D[Carriage Return]
  - 12: Retract to End of Travel** = >0500127D0D[Carriage Return]
- Message Data** = The data is required for the available commands:
  - 03:** None
  - 10:** None
  - 12:** None
- Check Code** is calculated.

**NOTE:** For further information, reference the Advanced Programming document and the web site calculator.

Table 4: WIRING TABLE

Accessory\Product	SL-220
Pushbutton (Supplied on some models) (Momentary SPST)	
Red	9 (toggle)
Black	10 (ground)
Other	
ASP-401	
Up	7 (retract)
Down	8 (extend)
Open	N/A
Close	N/A
Left	N/A
Right	N/A
Common	10 (ground)
12V Trigger (will actually work with 5-30V AC or DC)	
12V+	5 (trigger +)
Ground	6 (trigger -)
IR-10	Built-in IR
+12V	
GND	
C1	
C2	
C3	
COMM	
RC-10	N/A
(radio power) - Red	
(relay) - Black	
(24V) - White	
Other	
Low Voltage Wall Switch or Relay Control	
Up	7 (retract)
Down	8 (extend)
Service	N/A
Open	N/A
Close	N/A
Sequence (Show Mode)	N/A
Stop	N/A
Left	N/A
Right	N/A
Common	10 (ground)
Error Reversing (contact between error input and common indicates an error and unit reverses direction)	Built-in
Extend Error	(unit stops)
Retract Error	(unit stops)
Common	
Relay Contacts (relay closes when unit reaches end of travel)	
Extend Relay a	11 (retract relay in)
Extend Relay b	12 (retract relay common)
Retract Relay a	13 (extend relay in)
Retract Relay b	14 (extend relay common)
Serial	
RS-485 +	1
RS-485 -	2
RS-485 Signal Return (Ground)	3