SL 150/160
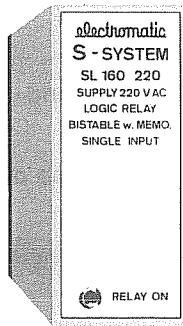
SL 150 =
11-pin circular plug

SL 160 =
11-pin circular plug

* **Logic relay »flip-flop«.**
* **SL 150 without memory.**
* **SL 160 with memory.**
* **Negative logic.**
* **1 signal input.**
* **SPDT output relay.**
* **LED-indication: relay on.**
* **AC or DC power supply.**

SPECIFICATIONS

Input
1 signal input:
Pin 5.

Internal voltage
10 VDC.
Pin 5 positive.

Short-circuit current
1 mA.

»Shift«
By short-circuiting the internal
voltage to pin 7.

Pulse duration
20 ms – ∞.

Activating frequency
10 pulses/sec.

Control by transistor
The relay can be controlled by
a NPN-transistor with open col-
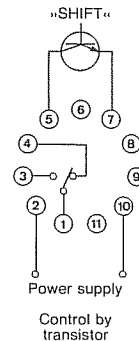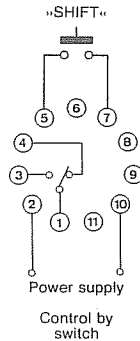lector and the emitter con-
nected to pin 7.

Ordering key
11-pin circular plug
SL 150 XXX = 10 A SPDT
SL 160 XXX = 5A SPDT
XXX = power supply
024 = 20– 28 VAC
115 = 95–135 VAC
230 = 195–265 VAC
724 = 20– 28 VDC.

Accessories
Bases.
Hold down spring.
Mounting rack.
Base covers.
Front mounting bezel.

WIRING DIAGRAMS

»SHIFT«

Power supply

Control by
switch

»SHIFT«

Power supply

Control by
transistor

MODE OF OPERATION: SL 150

Logic relay »flip-flop« without memory.
A short-circuit of the contact function be-
tween pins 5 and 7 will change the relay
from OFF-position to ON-position or vice
versa.
When the power supply is interrupted, the
relay releases (OFF-position).

Control of the relay either by metallic con-
tact or by NPN-transistor with open collec-
tor and the emitter connected to pin 7.

OPERATION DIAGRAM

Power supply

Input, pin 5

Relay on

MODE OF OPERATION: SL 160

Logic relay »flip-flop« with built-in memory.
A short-circuit of the contact function be-
tween pins 5 and 7 will change the relay
from OFF-position to ON-position or vice
versa.
Due to the built-in memory the relay will
maintain its position when the power sup-
ply is interrupted.
A short-circuit between pins 5 and 7 while
the power supply is interrupted will not be
registered by the relay.

Control of the relay either by metallic con-
tact or by NPN-transistor with open collec-
tor and the emitter connected to pin 7.

OPERATION DIAGRAM

Power supply

Input, pin 5

Relay on