



Relays with functions

- A Line
- B Line SR
- C Vertical dialing underway
- D Called line
- E Rotary dialing underway
- F Ringing trip
- G Rotary hunt step
- H Busy test
- J Busy tone
- K Cut through

To called line circuit

Note 1. Through common external relay to a timer that detects if any switch has not released properly.

Note 2. Strapping to reverse F winding LM-RM (for use with ±± ringing) not shown.

Note 3. Contact a should make before contacts b break.

Based on a transcription of SD-30215-01 in *The Number One Step by Step Switching System—Training Manual—Volume II*, Issued By American Telephone and Telegraph Company, September, 1952. It is not known which options are represented in that source.

- SR: Slow release
- RT: Ringing trip
- NI: Non-inductive winding in parallel
- VON: Vertical off normal
- MR: Machine ringing (±-)
- GG: Ringing generator ground
- BT: Busy tone
- #: "Make before break"
- *: Unused spring

Step-by-step system			
SD-30215-01 switch			
Local rotary hunting connector			
num SXS-SD1056	iss 04	date 2020.01.11	sht 01
proj SXS study	type CDR	dwn DAK	of 01
laboratories dak scientific and technical undertakings Alamogordo, New Mexico			