

113-TYPE DATA STATION SUMMARIZING SPECIFICATION DATA SYSTEMS

1. GENERAL

Scope

1.01 This specification provides a listing of all items which may be specified in order to provide a 113-type data station arrangement. In addition, a list of associated drawings, BSPs, test specifications, and other documents covering the product is provided. This specification does not provide ordering information for associated items such as the distant end data sets.

1.02 The designation "113-type data station" is an identification code only and cannot be used to order or specify any of the component parts associated with the 113-type data station.

Description

1.03 The 113-type data station, when equipped with Data Sets 113B-L1, is arranged to provide low-speed serial, FSK, full-duplex data transmission over the switched telephone network for answer-only data set multiple installations such as those associated with a time-sharing computer.

1.04 Data Set 113B-L1 consists of a single circuit board and is the basic component of the answer-only installation. A maximum of 20 data sets can be mounted in a single 32A1 data mounting.

1.05 The KS-20018, L4 cabinet can provide suitable mounting and enclosure for a single 32A1 data mounting.

1.06 The KS-20757, L1 cabinet can provide suitable mounting and enclosure for three 32A1 data mountings.

1.07 The KS-20093, L1 cabinet can provide suitable mounting and enclosure for six 32A1 data mountings.

1.08 The 32A1 data mounting can be mounted directly in either a 23- or 25-inch bay.

1.09 Data auxiliary set 804T type is an optional component of the 113-type data station that can control and monitor a maximum of 60 Data Sets 113B1-L1.

1.10 When the data auxiliary set 804T type is not included as part of a 113-type data station, local access to the telephone service line is provided by a 500 DR (rotary dial) or a 2500D (TOUCH-TONE®) telephone set. The alternate voice-data feature is controlled by the TALK-CLEAR/DATA key mounted on a nearby 32A1 data mounting.

1.11 When the data auxiliary set 804T type is not included as part of a 113-type data station, remote access to the telephone service line is provided by a 565HK (rotary dial) or a 2565HK (TOUCH-TONE) telephone set. The alternate voice-data feature is controlled by the TALK-CLEAR and DATA keys on the telephone set.

Power Requirements

1.12 Each 32A1 data mounting equipped with 20 Data Sets 113B-L1 requires 125 watts of ac power held to 60 \pm 3 Hz at 105 to 130 volts ac.

1.13 The 113-type data station will operate in an ambient temperature range between 40 and 120°F and a relative humidity between 20 and 95 percent.

2. SUPPLEMENTARY INFORMATION

KS-20018—L4 Cabinet

KS-20093—L1 Cabinet

KS-20757—L1 Cabinet

X-17622—Manufacturing Testing Requirements for Data Set 113B-L1 and 32A1 Data Mounting

X-17630—Manufacturing Testing Requirements for

SECTION 591-814-180

Data Auxiliary Set 804T Type
 590-102-128—Identification—32A1 Data Mounting
 591-034-100—Identification—Data Set 113B-L1
 591-814-100—Description and Operation—113-Type
 Data Station
 591-814-200—Installation and Connection—113-Type
 Data Station
 591-814-300—Maintenance—113-Type Data Station
 591-814-500—Test Procedures—113-Type Data Station
 598-076-100—Identification—Data Auxiliary Set 804T
 Type

3. DRAWINGS

SD-1D208-01—Data Set 113B-L1 and 32A1 Data
 Mounting
 SD-1D210-01—Data Auxiliary Set 804T Type

4. PRODUCT

TABLE A

DATA SET 1138-L1 APP FIG. 1, SD-1D208-01 (MAXIMUM OF)				APPARATUS AND ACCESSORIES REQUIRED IN ADDITION TO DATA SETS TO PROVIDE A GIVEN SIZE 113-TYPE DATA STATION INSTALLATION
20	40	60	120	
1	2	3	6	32A1 Data Mounting, App Fig. 2, SD-1D208-01
1	2	3	6	Telephone Line Input (T and R only) to 32A1 Data Mounting A25D-type connector cable E/W one KS-16689, L3 plug
1	2	3	6	Telephone Line Input (3W required) to 32A1 Data Mounting A25D-type connector cable E/W one KS-16689, L3 plug
1	2	3	6	110VAC Input to 32A1 Data Mounting 18ga stranded wire E/W 7593 Hubbell Connector
1	1	1	2	Data Auxiliary Set 804T Type (when provided) SD-1D210-01
2	4	6	12	Data Auxiliary Set 804T Type connections to 32A1 Data Mount- ing A25D-type connector cable E/W two KS-16689, L3 plugs
1	1	1	2	500DR or 2500D-Type Telephone Set (when provided) CAD 2, SD-1D208-01
1	1	1	2	565 HK- or 2565 HK-Type Telephone Set (when provided) CAD 1, SD-1D208-01
1	2	3	6	KS-20018, L4 Cabinet
*	1	1	2	†KS-20757, L1 Cabinet (and accessories per KS-20093, L8)
*	*	1	1	KS-20093, L1, L5, L8 Cabinet

* Not recommended

† Verify availability

Bell Telephone Laboratories, Incorporated

Dept 3113