MOBY E SLG 75

Product Data Sheet

6GT2398-1AF00

RS422 RFID Read/Write Unit

TRANSMISSION FREQUENCY	SERIAL INTERFACE	SERIAL TRANSMISSION RATE	RATED SUPPLY VOLTAGE
13.56 MHz	**RS422**	**19200 baud**	**24 V DC**

Siemens 6GT2398-1AF00 is the MOBY E SLG 75 read/write unit with an RS422 interface to the ASM controller. Its external antenna operates with MOBY E data carriers at 13.56 MHz. The unit supports initialization, addressed reading and writing, and the required antenna must be selected and ordered separately.

01 TECHNICAL DATA

Transmission frequency	13.56 MHz
Serial interface	RS422
Serial transmission rate	19200 baud
Rated supply voltage	24 V DC
Permissible DC supply	20 to 30 V
Typical operating current at 24 V	180 mA
Maximum brief switch-on current	700 mA
Supply-limited cable at 0.2 square mm	120 m at 24 V DC
Maximum data cable	1000 m, configuration-dependent
Data connector	Six-pin SLG connector, DIN 43651

Siemens MOBY E Configuration, Installation and Service Manual J31069-D0105-U001-A7-7618; SLG 75 ordering, technical and

02 ADDITIONAL PRODUCT DATA

Protection rating	IP65
Operating temperature	-25 to +70 degrees C
Transport and storage temperature	-40 to +85 degrees C
Maximum mounting torque	3 Nm at room temperature
Mounting screws	2 M5 screws

03 PRODUCT FUNCTION

The SLG 75 uses a 24 V DC supply through the serial connection, within a 20 to 30 V range, and communicates at 19200 baud. Typical operating current is 180 mA, with a brief switch-on current up to 700 mA. Its IP65 housing mounts with two M5 screws and is specified for -25 to +70 degrees C operation.

04 SYSTEM COMPATIBILITY

Connect the RS422 serial path to the intended ASM at 19200 baud and supply 20 to 30 V DC through the documented connector. The manual distinguishes the data-path maximum from the supply-dependent cable length. At 24 V and 0.2 square mm conductors, the listed ASM-to-SLG supply limit is 120 m.

05 REFERENCE

Siemens MOBY E Configuration, Installation and Service Manual J31069-D0105-U001-A7-7618; SLG 75 ordering, technical and installation pages.

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