SIMATIC S7-1500

# Product Data Sheet

## 6ES7522-5FF00-0AB0

AC digital output module

| OUTPUT CHANNELS | RATED OUTPUT VOLTAGE | RATED OUTPUT CURRENT | MAXIMUM MODULE CURRENT |
|---|---|---|---|
| **8** | **120/230 V AC** | **2 A** | **10 A** |

Siemens 6ES7522-5FF00-0AB0 is a DQ 8x230 V AC/2 A ST output module for an S7-1500 station. Its eight triac outputs switch AC loads with a 2 A per-channel rating and a maximum combined module current of 10 A.

## 01 TECHNICAL DATA

| | |
|---|---|
| Output channels | 8 |
| Rated output voltage | 120/230 V AC |
| Rated output current | 2 A |
| Maximum module current | 10 A |
| Minimum load current | 10 mA |
| Maximum off-state leakage | 2 mA |
| Lamp load | 50 W |
| Output address space | 1 byte |
| Backplane power | 0.9 W |
| Power loss | 10.8 W |

## 02 ADDITIONAL PRODUCT DATA

| | |
|---|---|
| Fuse rating | 6.3 A slow-blow |
| Resistive switching frequency | 10 Hz |
| Inductive switching frequency | 0.5 Hz |
| Shielded cable length | 1000 m |
| Unshielded cable length | 600 m |

## 03 PRODUCT FUNCTION

The module allocates one output byte and provides separately isolated output channels. Load selection must account for the 10 mA minimum load, 2 mA maximum off-state leakage and the different permitted switching rates for resistive, inductive and lamp loads.

## 04 SYSTEM COMPATIBILITY

Select loads for 120/230 V AC service and respect both the 2 A channel rating and 10 A module total. The listed 6.3 A slow-blow fuse specification forms part of the output protection requirements.

## 05 REFERENCE

Siemens 6ES7522-5FF00-0AB0 technical data and applicable product instructions

AMIKON PRODUCT SUPPORT
+86-18020776786 INFO@AMIKON.CN AMIKONG.COM