AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7288-2DT32-0AA0

EM DT32 Digital I/O Module

MODULE	INPUTS	OUTPUTS	SIGNAL
EM DT32	**16 digital**	**16 transistor**	**24 V DC**

The Siemens 6ES7288-2DT32-0AA0 EM DT32 combines sixteen 24 V DC sink/source inputs and sixteen sourcing MOSFET outputs. Its transistor outputs operate from 20.4 to 28.8 V DC, distinguishing this S7-200 SMART expansion module from the relay-output EM DR32.

01 VERIFIED TECHNICAL INFORMATION

Digital inputs	16; sink/source, IEC Type 1 sink
Nominal input level	24 V DC at 4 mA nominal
Input thresholds	Logic 1: at least 15 V DC; logic 0: at most 5 V DC
Input filters	0.2 to 12.8 ms; seven settings selected in groups of four
Digital outputs	16; sourcing solid-state MOSFET
Output operating voltage	20.4 to 28.8 V DC
Output current per point	0.75 A maximum

Manufacturer evidence: S7-200 SMART System Manual; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Output current per common	6 A maximum
Output isolation groups	3
Maximum output delays	OFF to ON: 50 microseconds; ON to OFF: 200 microseconds
Output overload protection	Not provided
Output behavior in STOP	Last value or substitute value; default substitute is 0
SM bus current	185 mA
Module power dissipation	4.5 W
Normal input cable limits	500 m shielded; 300 m unshielded

03 SOURCE AND CONFIGURATION CHECKS

Input filtering is selected in groups of four from 0.2 to 12.8 ms. Outputs are rated up to 0.75 A per point across three isolation groups. No built-in overload protection is provided, so load limits, external protection and common-terminal wiring require review.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Siemens original documentation and product reference

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN

AMIKONG.COM