

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Siemens 6ES7288-2DT16-0AA0
SIMATIC S7-200 SMART EM DT16

MODULE	SUPPLY	I/O	PROTECTION
EM DT16	24 V DC	8 inputs / 8 transistor outputs	IP20

Siemens 6ES7288-2DT16-0AA0 is a SIMATIC S7-200 SMART digital input/output module providing 8 inputs / 8 transistor outputs. It connects to a compatible S7-200 SMART CPU through the expansion bus and uses removable field wiring terminals for industrial automation control.

01

CURRENT PAGE PARAMETERS

Product Model	6ES7288-2DT16-0AA0
Product Designation	EM DT16
Module Type	Digital input/output module
Channel Configuration	8 inputs / 8 transistor outputs
Electrical Detail	DI 8x24 V DC; DQ 8x24 V DC / 0.75 A
Rated Supply	24 V DC
Permissible Supply	20.4 to 28.8 V DC
Dimensions	45 x 100 x 81 mm
Approximate Weight	0.18 kg
Power Dissipation	2.5 W
Degree of Protection	IP20
Commodity Code	85389091

Source: official Siemens Industry Mall product data and SIMATIC S7-200 SMART System Manual V2.8, A5E03822230-AL.

02 TECHNICAL SUMMARY

Article Number	6ES7288-2DT16-0AA0
Product Type	EM DT16
DIN Rail Mounting	Supported through S7-200 SMART module assembly
Input Type	24 V DC sink/source where inputs are fitted
Output Type	Relay or sourcing transistor as specified
Status Indication	Channel status LEDs
Isolation	Per official module specification
Operating Installation	Industrial control cabinet
System Interface	S7-200 SMART expansion bus
Programming	STEP 7-Micro/WIN SMART
Product Lifecycle	Verify current Siemens PLM status
Controlled Reference	S7-200 SMART System Manual

03 DOCUMENT CONTROL

Use the current Siemens product datasheet, system manual, wiring diagrams, electrical installation rules, and project safety documentation. This Amikon reference does not replace controlled Siemens instructions.