SIMATIC ET 200S PM-E 24 VDC

Product Data Sheet

6ES7138-4CA01-0AA0

Diagnosed Load Power Module

NOMINAL LOAD VOLTAGE	CURRENT CARRYING CAPACITY	NO-LOAD CURRENT	TYPICAL MODULE LOSS
24 V DC	**10 A maximum up to 60 deg C**	**4 mA maximum from L+**	**0.1 W**

Siemens 6ES7138-4CA01-0AA0 is a diagnosed load power module in the SIMATIC ET 200S PM-E 24 VDC range. It supports the documented automation configuration in industrial equipment.

01 VERIFIED TECHNICAL DATA

Nominal load voltage	24 V DC
Current carrying capacity	10 A maximum up to 60 deg C
No-load current	4 mA maximum from L+
Typical module loss	0.1 W
Reverse polarity protection	Provided
External supply-line protection	C-characteristic circuit breaker
Internal short-circuit protection	Not provided
Parameter record length	3 byte
Galvanic isolation	Load voltage to backplane and between power modules
Insulation test level	500 V DC

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Load-voltage diagnostic	Readable; missing-voltage reporting can be enabled or disabled
Status indicators	Green PWR and red SF LEDs
Static supply tolerance	20.4 to 28.8 V DC
Dynamic supply tolerance	18.5 to 30.2 V DC
Enclosure protection	IP20 under ET 200S system conditions

03 DOCUMENTED USE SETTINGS

Pulp Production and Paper Manufacturing Processes: Pulp Processing and Preparation.

Water Supply and Wastewater Treatment Processes: Drinking Water Treatment.

Automotive Manufacturing and Vehicle Component Production: Vehicle Component Manufacturing.

04 SYSTEM COMPATIBILITY

Match 6ES7138-4CA01-0AA0 to the accepted SIMATIC ET 200S PM-E 24 VDC configuration and associated parts before integration.

05 PRODUCT EVIDENCE

Siemens PM-E 24 VDC, A5E00514527-01, section 2.3

AMIKON PRODUCT SUPPORT

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