

SIMATIC S7-300

Product Data Sheet

6ES7355-1VH10-0AE0

FM 355 C closed-loop control module

FUNCTION FM 355 C closed-loop control	FAMILY SIMATIC S7-300	ORIGIN Germany	WEIGHT 0.80 kg
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S7-300 6ES7355-1VH10-0AE0 is a FM 355 C closed-loop control module for the SIMATIC S7-300. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Power Loss	6.9 W
Permissible range, lower limit (DC)	20.4 V
Permissible range, upper limit (DC)	28.8 V
Limitation of inductive shutdown voltage to	L+ (-1.5 V)
Output voltage — for signal "1", min.	L+ (-2.5 V)
With inductive load, max.	0.5 Hz
With resistive load, max.	100 Hz
On lamp load, max.	5 W
Permissible input voltage for voltage input (	30 V
Conversion Time	16.67 ms; for 12 bit: 16 2/3 ms for 60 Hz, 20 ms for 50 Hz; for 14 bit: 100 ms for 50 Hz and 60 Hz

ADDITIONAL PRODUCT DATA

Resolution	14 bit; 12 bit or 14 bit, parameterizable
Voltage, relative to input range, (+/-)	0.4 %; 80 mV: +/-0.6%; 250 to 1000 mV: +/-0.4%; 2.5 to 10 V: +/- 0.6%; 3.2 to 20 mA: +/-0.5%
Isolation Test	500 V DC
From load voltage L+ (without load), max.	270 mA; typ. 220 mA
Input current — for signal "1", typ.	7 mA

OFFICIAL APPLICATIONS

- Warehouse sorting and conveyor zones: Machine Control Systems
- Cargo handling and loading berths: Facility Automation Systems
- Kiln feed and material processing lines: Remote Station Systems

SYSTEM COMPATIBILITY

Match 6ES7355-1VH10-0AE0 to the installed SIMATIC S7-300, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official manufacturer documentation](#)

<https://support.industry.siemens.com/>

AMIKON PRODUCT SUPPORT

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