

VERIFIED PRODUCT REFERENCE

Siemens 6ES5458-4UC11 Relay Digital Output Module

Siemens 6ES5458-4UC11 is a SIMATIC S5 458 relay digital output module with 16 outputs in two groups of eight and 24 V DC relay supply field service. It is documented for legacy S5-135U/155U installations.

Manufacturer Siemens	Product family SIMATIC S5-135U/155U Digital I/O	Exact model 6ES5458-4UC11
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Officially documented specifications

Module designation	458
I/O function	relay digital output
Channel capacity	16 outputs in two groups of eight
Field electrical class	24 V DC relay supply
Isolation	Two isolated groups
System bus current	5 V, 120 mA typical
Power dissipation	6.6 W
Dimensions (W x H x D)	20 x 255 x 195 mm
Weight	Approx. 0.7 kg
Permissible unshielded line	As documented in the Siemens system manual
Enable circuit	Front enable input/jumper arrangement
Host systems	SIMATIC S5-135U / S5-155U
Relay supply range	20–30 V DC
Resistive contact rating	5 A at 250 VAC or 30 VDC
Group maximum	8 A
Mechanical contact life	Approx. 10 ⁷ cycles

INSTALLATION AND PROCUREMENT REFERENCE

6ES5458-4UC11 application guidance

6ES5458-4UC11 is the Siemens SIMATIC S5 458 relay digital output module documented with 16 outputs in two groups of eight. The field-side electrical class is 24 V DC relay supply, and the official manual identifies two isolated groups isolation behavior.

The board transfers discrete states between the S5 process image and connected machinery wiring. Its channel grouping, enable circuit and diagnostic indications are integral to the installed cabinet design.

Retrofit work must preserve front-connector numbering, commons, supply polarity, enable jumper, addressing and external suppression. Similar 6ES5 modules can differ in voltage, width, current or protection and require a line-by-line comparison.

High-risk technical note

6ES5458-4UC11 requires the documented 24 V DC relay supply field arrangement; verify the enable circuit, commons and connector numbering before moving any conductor.

Manufacturer source record

- Siemens SIMATIC S5 System Manual, module sheet for 6ES5458-4UC11
- User-supplied Siemens official extract verified against the model text



Request a quotation for 6ES5458-4UC11

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Include the complete nameplate, quantity, destination, and required delivery date.

Prepared from the manufacturer references listed above. Verify the latest revision and the complete installed configuration before replacement or commissioning.