SIMATIC S5 IM 301-5

Product Data Sheet

6ES5301-5CA12

Distributed rack interface module

DISTRIBUTED EXPANSION REACH	DISTRIBUTED EXPANSION COUNT	REMOTE INTERFACE PARTNER	CENTRAL EXPANSION PARTNER
200 m total maximum	**4 units maximum**	**IM 310**	**IM 312-5**

Siemens 6ES5301-5CA12 is the IM 301-5 interface module for the SIMATIC S5 rack arrangement. It provides centralized and distributed expansion connections from the central controller. The distributed connection supports up to four expansion units over a total 721-cable length of 200 m.

01 TECHNICAL DATA

Distributed expansion reach	200 m total maximum
Distributed expansion count	4 units maximum
Remote interface partner	IM 310
Central expansion partner	IM 312-5
Central expansion units	EU 184U or EU 187U
Distributed cable family	6ES5 721
Module supply	5 V internal, +5%
Maximum module demand	0.75 A
Interface current limit	5 A
Operating ambient	0 to 55 C

Siemens S5-135U/155U System Manual C79000-G8576-C199-07, IM 301-5 configuration, connections and technical data, plus ex

02 ADDITIONAL PRODUCT DATA

Storage and transport	-40 to 70 C
Humidity limit	95% at 25 C without condensation
Enclosure class	IP20
Distributed connection position	Lower front connector
Central connection position	Upper front connector

03 PRODUCT FUNCTION

The lower front connector serves distributed expansion through IM 310, while the upper connector supports centralized EU 184U or EU 187U connections through IM 312-5. Internal supply is 5 V and maximum module current is 0.75 A. The IP20 module operates from 0 to 55 C.

04 SYSTEM COMPATIBILITY

Retain the IM 312-5 pairing for centralized EU 184U/EU 187U and IM 310 for distributed units. The distributed 721-cable total is limited to 200 m and four units.

05 REFERENCE

Siemens S5-135U/155U System Manual C79000-G8576-C199-07, IM 301-5 configuration, connections and technical data, plus exact order table.

AMIKON PRODUCT SUPPORT
+86-18020776786 INFO@AMIKON.CN AMIKONG.COM