SIMATIC ET 200MP IM 155-5 PN BA

Product Data Sheet

6ES7155-5AA00-0AA0

PROFINET distributed IO interface

PROFINET PORTS	MAXIMUM I/O MODULE COUNT	MAXIMUM STATION SUBMODULES	SHARED DEVICE CONTROLLERS
Two RJ45 ports with integrated switch	**12**	**108; nine per I/O module**	**Two maximum**

Siemens 6ES7155-5AA00-0AA0 is the IM 155-5 PN BA PROFINET interface for a SIMATIC ET 200MP distributed I/O station. It connects up to twelve ET 200MP I/O modules through an integrated two-port RJ45 Ethernet switch.

01 TECHNICAL DATA

PROFINET ports	Two RJ45 ports with integrated switch
Maximum I/O module count	12
Maximum station submodules	108; nine per I/O module
Shared Device controllers	Two maximum
Media redundancy	MRP client
Nominal supply	24 V DC
Supply limits	19.2...28.8 V DC
Rated input current	1 A at 24 V without load
Maximum input current	1.7 A
Maximum inrush current	2.8 A

02 ADDITIONAL PRODUCT DATA

Backplane infeed power	14 W
Typical power loss	3 W
Mains buffering interval	5 ms
Supported engineering release	TIA Portal V15.1 or GSD file
Identification and maintenance data	I&M0...I&M3

03 PRODUCT FUNCTION

The interface supports Shared Device with two I/O controllers, MRP client operation, firmware updating and I&M0 through I&M3. It supplies up to 14 W to the backplane from a 24 V DC input; the cited execution does not support IRT, isochronous operation or module hot swapping.

04 SYSTEM COMPATIBILITY

Connect the two integrated RJ45 ports to the intended PROFINET topology and supply 19.2...28.8 V DC. Allocate the 14 W backplane power budget to the installed I/O modules and verify the incoming feeder against the interface maximum current.

05 REFERENCE

Siemens 6ES7155-5AA00-0AA0 official product data sheet

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