

TELEPERM M OS 525 N-AT

Product Data Sheet

6DS1222-8BA

CS 275 local bus interface

INTERFACE PROCESSOR	DUAL-PORT RAM CAPACITY	PC-SIDE I/O REGISTERS	I/O REGISTER WIDTH
80C188	4 KB	2	16 bits

Siemens 6DS1222-8BA is the N-AT local bus interface used with the TELEPERM M OS 525 operator system. It connects the host to the CS 275 local process bus for configured process communication and visualization.

01

VERIFIED TECHNICAL DATA

Interface processor	80C188
Dual-port RAM capacity	4 KB
PC-side I/O registers	2
I/O register width	16 bits
FIFO memories	2
Maximum local-bus length	20 m
Maximum local-bus devices	9
Maximum M-line voltage difference	0.2 V
CS 275 bus connector	25-pin D-sub male
Bus address range	0 to 7

ADDITIONAL PRODUCT DATA

Default device address	90 / 5AH
Default I/O base address	310H
Default interrupt allocation	IRQ10
Front-panel status LEDs	6
Device-address switch positions	8

DOCUMENTED USE SETTINGS

Chemical Manufacturing and Petrochemical Production: Industrial Chemical Production.

Electricity Generation and Industrial Heat Production: Thermal Electric Power Generation.

Oil Refining and Natural Gas Processing: Crude Oil Refining.

SYSTEM COMPATIBILITY

6DS1222-8BA belongs to the TELEPERM M OS 525 N-AT family and provides the documented cs 275 local bus interface function. Its interface processor is 80C188; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens TELEPERM M OS 525 N-AT manufacturer documentation; applicable pages 41, 43, 44, 45, 139, 140, 141, 142, 224

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM