

SINAMICS S120 TM15

Product Data Sheet

6SL3055-0AA00-3FA0

Digital I/O Terminal Module

CONFIGURABLE DIGITAL CIRCUITS 24 DI/DO	ELECTRONICS SUPPLY 24 V DC, 20.4 to 28.8 V	ELECTRONICS CURRENT 0.15 A without DRIVE-CLiQ or outputs	POWER LOSS <3 W
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Siemens 6SL3055-0AA00-3FA0 is a digital i/o terminal module in the SINAMICS S120 TM15 range. It expands digital signal connections in compatible drive and motion-control configurations.

01 VERIFIED TECHNICAL DATA

Configurable digital circuits	24 DI/DO
Electronics supply	24 V DC, 20.4 to 28.8 V
Electronics current	0.15 A without DRIVE-CLiQ or outputs
Power loss	<3 W
Maximum signal cable	30 m
Isolated circuit grouping	3 groups of 8
Input voltage limits	-30 to +30 V DC
Logic zero range	-30 to +5 V DC
Logic one range	15 to 30 V DC
Input impedance	2.8 kohm

ADDITIONAL PRODUCT DATA

Typical input current	9 mA at 24 V DC
Typical input delays	50 micros rising, 100 micros falling
Output channel current	0.5 A maximum
Resistive switching frequency	100 Hz maximum
Output group current	2 A at 60 deg C, 3 A at 50 deg C, 4 A at 40 deg C

DOCUMENTED USE SETTINGS

Automotive Manufacturing and Vehicle Component Production: Vehicle Component Manufacturing.

Packaging Manufacturing and Industrial Filling Production: Industrial Packaging Production.

Metalworking and Industrial Component Production Processes: Precision Metal Parts Production.

SYSTEM COMPATIBILITY

Match 6SL3055-0AA00-3FA0 to the accepted SINAMICS S120 TM15 configuration and associated parts before integration.

PRODUCT EVIDENCE

Siemens SINAMICS S120 TM15 applicable manufacturer data