

Installation Identity and Scope

NSK ESA-Y2020TF1-11 is a Megatorque servo drive for a Y2-series motor configuration. Cross-checked exact-model records identify a 2.5 A drive with 180-242 VAC input and a 200 VAC system class.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	ESA-Y2020TF1-11
Manufacturer	NSK
Hardware role	Servo Drive
System family	Megatorque Drive

Controlled engineering copy

Verify the complete NSK ESA-Y2020TF1-11 marking, installed revision, connectors and system position before replacement. Confirm every retained value against the nameplate and controlled installation record before commissioning.

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ESA-Y2020TF1-11

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete NSK ESA-Y2020TF1-11 marking before work.
2	Place the affected equipment in the approved de-energized maintenance state.
3	Record the installed slot, connectors, terminal positions and hardware revision.
4	Back up configuration or application data when the host system provides it.
5	Use ESD controls while handling the board, module or termination hardware.
6	Do not substitute a visually similar model, suffix or revision without documented approval.
7	Restore all wiring, shielding, grounding and configuration records exactly as approved.
8	Complete model-specific diagnostics and functional checks for ESA-Y2020TF1-11 before release.

Before Energization

CONTROL	REQUIRED RECORD
Identity	Complete ESA-Y2020TF1-11 marking and hardware role
Connections	Approved power, grounding and protocol interfaces
Configuration	Controlled backup, addressing and protocol files
Test plan	Defined acceptance values and controlled restart authority

Related Products

MODEL	APTER POWER PAGE
Allen-Bradley 1336-WB035	View Allen-Bradley 1336-WB035
Allen-Bradley 74101-181-51	View Allen-Bradley 74101-181-51
Allen-Bradley 1305-BA01A-HA2	View Allen-Bradley 1305-BA01A-HA2

Release hold point

Do not disturb the installed device until exact marking, interfaces, companion hardware and configured function are documented.

Wiring, Network and Configuration Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Drive current	2.5 A
Input range	180-242 VAC
System voltage class	200 VAC
Motor family	Y2 Motor Series
Documented configuration	Y2020 family; verify exact motor pairing

Configuration boundary

Verify the complete NSK ESA-Y2020TF1-11 marking, installed revision, connectors and system position before replacement. Confirm every retained value against the nameplate and controlled installation record before commissioning.

Expected Technical Values

PARAMETER	VALUE
Product identity	ESA-Y2020TF1-11
Product type	Megatorque servo drive
Drive current	2.5 A
Input range	180-242 VAC

Related Products

MODEL	APTER POWER PAGE
Allen-Bradley 1305-BA03A	View Allen-Bradley 1305-BA03A
Allen-Bradley 1336-L4-42336-200-51	View Allen-Bradley 1336-L4-42336-200-51
Allen-Bradley 1336-PB-SP23C	View Allen-Bradley 1336-PB-SP23C

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Manufacturer and complete ESA-Y2020TF1-11 marking match the record.
Power	Measured supply agrees with the documented operating requirement.
Interface	Connectors, addressing and network parameters match the approved project.
Configuration	Protocol files, framing and mapped data areas match the controlled backup.
Diagnostics	No unexplained status, counter or communication fault remains.
Functional proof	Controlled bidirectional data transfer completes successfully.
Release	Final values and test results are retained with restart approval.

Questions to Resolve

QUESTION	ENGINEERING ANSWER
What is NSK ESA-Y2020TF1-11?	ESA-Y2020TF1-11 is the servo drive identified by the verified exact-model records.
Which product type is confirmed for ESA-Y2020TF1-11?	The retained product type is Megatorque servo drive.

Related Products

MODEL	APTER POWER PAGE
Allen-Bradley 1336-PB-SP5A	View Allen-Bradley 1336-PB-SP5A
Allen-Bradley 1336-QOUT-SP19A	View Allen-Bradley 1336-QOUT-SP19A
Allen-Bradley 1203-GD1	View Allen-Bradley 1203-GD1
Allen-Bradley 1203-GU6	View Allen-Bradley 1203-GU6

Source, Related Products and Release

MODEL	APTER POWER PAGE
Allen-Bradley 1336T-LM1EN	View Allen-Bradley 1336T-LM1EN
Allen-Bradley 1361-NO61-2-5	View Allen-Bradley 1361-NO61-2-5

VERIFIED SOURCE RECORDS

1. Verified exact-model NSK technical record A
2. Verified exact-model NSK technical record B

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	ESA-Y2020TF1-11 recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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