

ESA-Y2020TF1-11

Servo Drive

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.

IDENTITY	VERIFIED VALUE
Manufacturer	NSK
Complete model	ESA-Y2020TF1-11
Product role	Servo Drive
System family	Megatorque Drive

Document scope

Exact identity, verified technical data, applications, precautions, model-specific FAQ and controlled acceptance records.

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Technical Specifications

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

PARAMETER	VERIFIED VALUE
System voltage class	200 VAC
Motor family	Y2 Motor Series
Documented configuration	Y2020 family; verify exact motor pairing

Engineering 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.

Identity Acceptance

CONTROL	VERIFIED 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 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
Allen-Bradley 1305-BA03A	View Allen-Bradley 1305-BA03A

Functions and Applications

Product type The reviewed exact-model records support product type: Megatorque servo drive.	Drive current The reviewed exact-model records support drive current: 2.5 A.
Input range The reviewed exact-model records support input range: 180-242 VAC.	System voltage class The reviewed exact-model records support system voltage class: 200 VAC.

Common Applications

APPLICATION	ENGINEERING CONTEXT
Servo Drive service	Supports controlled maintenance of the installed ESA-Y2020TF1-11 hardware position.
Exact-model replacement	Preserves the complete ESA-Y2020TF1-11 identity during spare selection and incoming inspection.
Configuration control	Requires the rack, connectors, revision and surrounding system configuration to match the approved record.
Commissioning review	Uses controlled wiring, diagnostics and functional checks before production release.

Related Products

MODEL	APTER POWER PAGE
Allen-Bradley 1336-L4-42336-200-51	View Allen-Bradley 1336-L4-42336-200-51

Controlled acceptance duty

Confirm identity, interfaces, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
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.

Model-Specific FAQ - Part 1

QUESTION	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.
Which system context applies to ESA-Y2020TF1-11?	The confirmed context is Megatorque Drive; the installed rack and revision still require verification.
Which exact-model value should be checked first for ESA-Y2020TF1-11?	Check drive current: 2.5 A together with the complete nameplate marking.

Related Products

MODEL	APTER POWER PAGE
Allen-Bradley 1336-PB-SP23C	View Allen-Bradley 1336-PB-SP23C
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

Model-Specific FAQ - Part 2

QUESTION	ANSWER
What additional technical fact is verified for ESA-Y2020TF1-11?	The reviewed records support input range: 180-242 VAC.
Can a similar-looking part replace ESA-Y2020TF1-11?	No. Similar appearance or a nearby suffix does not establish interchangeability; the complete model, revision, connectors and system configuration must be approved.
What should be recorded before removing ESA-Y2020TF1-11?	Record the full marking, installed position, connector or terminal arrangement, revision, wiring and current configuration.
What confirms successful commissioning of ESA-Y2020TF1-11?	The exact identity and connections must match the approved record, diagnostics must pass and the controlled functional test must show no unexplained fault.

Related Products and Release

MODEL	APTER POWER PAGE
Allen-Bradley 1203-GU6	View Allen-Bradley 1203-GU6
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

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