



TESTA Webpage



TESTA

Tester for Motor Controllers

Instruction Manual

Models:

DIRECT CONTROL (DV)

TESTA-DV-SX

TESTA-DV-CEE

TESTA-DV-H16

LOW VOLTAGE (LV)

TESTA-LV-SX

TESTA-LV-DSX

TESTA-LV-H6

Version 1.0 since 1 September 2024

ATTENTION!

This instruction manual contains important information about the installation and the use of the equipment. Please read and follow these instructions carefully.

Always ensure that the power to the equipment is disconnected before opening the equipment or commencing any maintenance work.

General information

IMPORTANT INSTRUCTIONS

All safety and operating instructions should be read before the equipment is installed or operated. Only a qualified rigging professional is authorized to operate this equipment. Before installation visually inspect the package to ensure it arrived intact. Verify that the content matches your order. If there are any discrepancies, please contact your supplier.

IMPORTANT SAFETY INFORMATION

Always ensure that the **wiring types on TESTA and the connected device are identical** before use. When TESTA is connected to the motor controller, **do not leave the controller running in GO mode for over a minute**. Using TESTA with **pickle mode is not permitted**. Failure to follow these instructions could lead to TESTA damage.

General safety precautions mentioned below have to be strictly followed during all phases of operation, service, and the repair of this equipment. Failure to comply with these precautions or with specific warnings in this manual violates safety standards of design, manufacture, and the intended use of this equipment.

Do not operate in an explosive atmosphere!

Do not operate this equipment in the presence of flammable gases or fumes. Operation of any electrical instrument in such an environment constitutes a definite safety hazard.

Water, moisture, heat and humidity

Do not operate this equipment near water, in areas with wet floors or in high humidity atmosphere where condensation forms on the equipment. It should never be placed near or over a heat register or other source of heated air and it should not be installed or operated without proper ventilation.

Functions and Control

TESTA is designed to provide the operator with a clear status indication of the motor's operational mode and phase presence. The DV model checks for presence and correct sequence of all three phases, while the LV version tests power and control connection. TESTA has four channels by default, but an LV 3-channel TESTA is also available.

Please note that using TESTA with pickle mode is not permitted.

The system displays the following information based on TESTA's DV or LV type:

TESTA-DV

PHASE STATUS

L1 L2 L3 Red light Indicates phase presence

MOTOR DIRECTION

UP Green light Indicates that the motor is set to move upwards

DOWN Blue light Indicates that the motor is set to move downwards

STAY No light Indicates that the motor is currently disabled

TESTA-LV

PHASE STATUS

L1 L2 L3 Red light Indicates phase presence

MOTOR DIRECTION

UP Green light Indicates that the motor is set to move upwards

DOWN Blue light Indicates that the motor is set to move downwards

STAY No light Indicates that the motor is currently disabled

123 Green light Indicates phase alignment

132 Blue light Indicates phase alignment

Use these indicators to verify desired system settings.

Input connectors

Direct Control (DV)

Product code	Product name	Connector
965117	TESTA-DV-SX	Socapex 19-pin
965120	TESTA-DV-H16	Harting 16-pin
965121	TESTA-DV-CEE	4x CEE16/4

Low Voltage (LV)

Product code	Product name	Connector
965119	TESTA-LV-DSX	Socapex 19-pin, Male + Female
965118	TESTA-LV-SX	Socapex 19-pin, 3ch / Socapex
965128	TESTA-LV-H6	4x Harting 6-pin

Operation

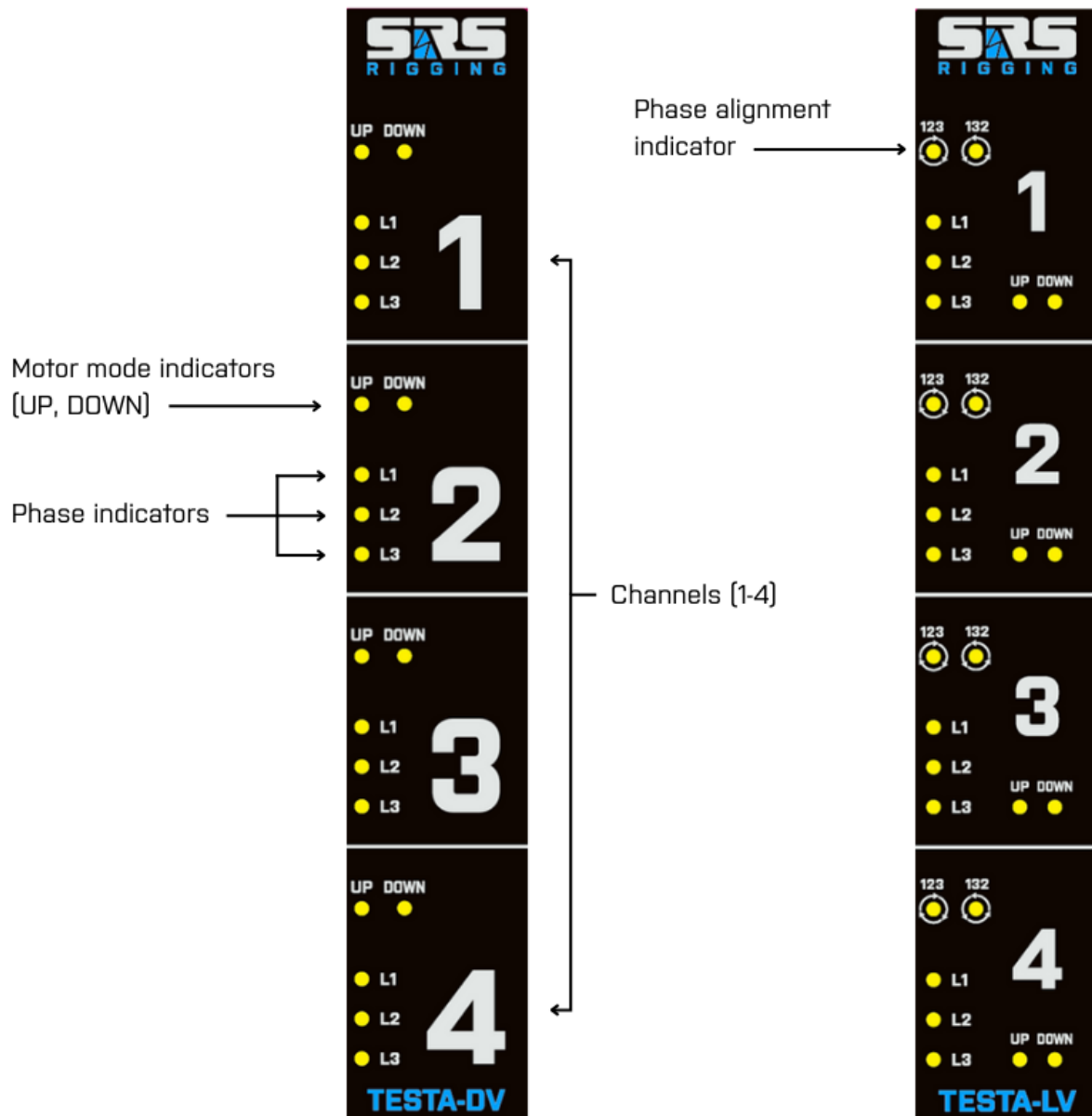
TESTA is automatically turned on once connected to the motor controller.

Always make sure to plug in the correct connector. In case of TESTA-LV-DSX with dual Socapex make sure to plug male connector into Power and female – into Control.

How to start

1. Always ensure that the **wiring types on TESTA and the connected device are identical** before use. Using TESTA with **pickle mode is not permitted**.
2. Plug TESTA's connector into the motor controller. If it has a Socapex connector, make sure to fully tighten the coupling ring on the connector to secure the connection.
3. Turn on the motor controller.
4. Activate the controller outputs where the TESTA is connected (choose direction up or down and press the GO button). When TESTA is connected to the motor controller, **do not leave the controller running in GO mode for over a minute**.
5. TESTA automatically indicates the status of 3 phases for each channel and also if the motor is in upwards, downwards or stay mode. Red light next to L1, L2 and L3 indicates present phases. Green light indicates the motor is in upwards mode and blue light that it is in downwards mode. When both green and blue lights are off, motor is in stay mode.
6. TESTA-LV additionally indicates whether the phase alignment is 123 or 132.

TESTA preview



Warranty

TESTA tester for motor controller is covered by a 2-year manufacturer's warranty. For extended warranty conditions, please contact the manufacturer at sales@srs-group.com.

The warranty covers the original factory installed components of the controller and their correct functioning.

The warranty voids if any part or replacement component is installed or modified without authorization from the manufacturer and/or the internal circuit is tampered or modified and/or the controller is operated outside of normal using conditions – electrical power supply is not conform or there is connection error or mechanical damage of controller, including overload and improper use.

The manufacturer always helps with the repair of each unit.

Declaration of conformity

According to the specification of Low Voltage Directive 2014/35/EU, Annex IV:

Name of producer: SRS Group s.r.o.
Address of producer: Pri Majeri 4, SK, 831 07 Bratislava, Slovak Republic
www.srs-group.com / sales@srs-group.com, +421232661800

Declares that the product

Name of product: TESTA
Types: TESTA-DV-SX, TESTA-DV-CEE, TESTA-DV-H16, TESTA-LV-SX,
TESTA-LV-DSX, TESTA-LV-H6

Are in compliance with the

Low Voltage directive: 2014/35/EC
EMC directive: 2014/30/EC
Restriction of the use of certain hazardous substances: 2011/65/EU

Applied harmonized standards [or parts/clauses] in particular:

EN ISO 12100:2010	IEC 364	IEC 946-5-1
EN 60670-24:2014/A1	IEC 60204-1	



Bratislava, 1 November 2024

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