



VAS 6558/9-6



Operating Instructions
HV-measurement adaptor



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1 Generally

1.1 Notes on the instructions

State of the Art

These measurement adaptors are in accordance with the current state of the art. Expert and safety-conscious operation is required to ensure safe functioning of the device.

Read the operating instructions

Prior to using the measurement adaptor, please read the operating instructions carefully. The manual is to be considered in every case.

Activities

All activities required for proper operation are outlined in the operating instructions. The adaptor may not be used in any way other than as expressly authorized by the manufacturer.

If the device is not used in accordance with the operating manual, the protection provided may be impaired.

General notes

Inspection, assembly and repair works may only be carried out by trained staff. If malfunctions occur, they may be independently remedied only where the respective maintenance processes have been identified.

1.2 Pictogram legends

Comply with all notes and safety instructions

In these operating instructions, some sections are identified with internationally known warning signs, risk phrases and general instruction signs.

The individual pictograms will now be explained.



Please follow the instructions



Please note the general instructions



This prohibition shall for persons with pacemaker



High Voltage! Mortal danger!



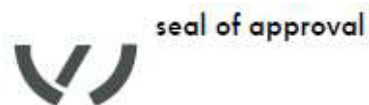
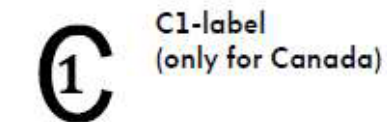
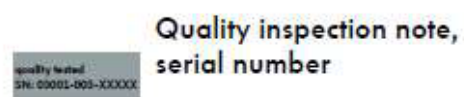
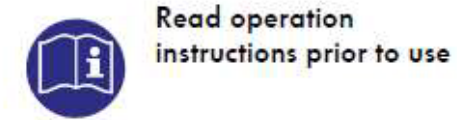
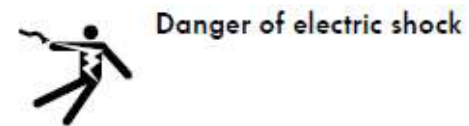
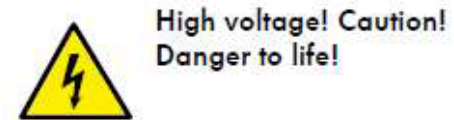
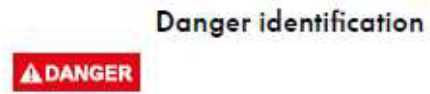
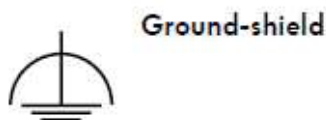
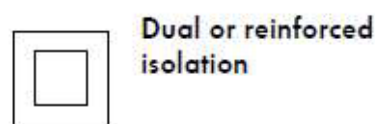
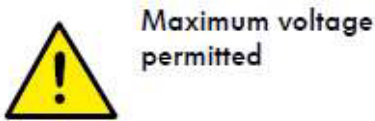
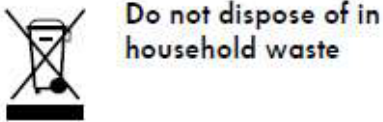
Warning! Electrical potential



Please note the following!



1.3 Labeling on the measurement adaptors





2 Technology

2.1 Functioning



The VAS 6558/9-6 high voltage-measurement adaptor is a tool used to measure resistance and insulation resistance of a vehicle HV system switched to neutral. To this end, the process specifications from the guided error analysis of the VW brand CD are to be observed. The measurement adaptor must be used exclusively with the VAS 6558 and VAS 6558A high voltage-measuring-module. The only persons who may use the measurement adaptor are those who have successfully participated in the obligatory qualification program according to BGV A3 / BGG 944 and have successfully completed modules 4a or 4b or 5.

PRIOR TO USE, SWITCH TO NEUTRAL IN A CERTIFIED MANNER!

2.2 Safety instructions

The VAS 6558/9-6 measurement adaptor set is exclusively intended for measuring resistance and voltage. The tool may only be used for purposes that pose no danger to man and machine. The VAS 6558/9-6 measurement adaptor set is only to be used as described in the operating instructions. Any alteration to the measurement adaptor or any other forms of use are the sole responsibility of the operator.

Make sure that the measurement adaptor set is in a flawless state and that all functions for safe operation are ensured.

Observe the applicable accident prevention regulations for the respective countries.

Wear personal protection gear!

Never throw or drop the VAS 6558/9-6 measurement adaptor set. Never misuse the VAS 6558/9-6 measurement adaptor set or allow it to be used by untrained staff!

Make sure that the VAS 6558/9-6 measurement adaptor set is used in a workspace free of heat sources (max. 40°C / 77°F), corrosive fluids, oil and grease.

The VAS 6558/9-6 measurement adaptor set must never be used in areas at risk of explosion.

Ensure that the VAS 6558/9-6 measurement adaptor set is positioned on a non-slip surface and that the device cannot be damaged. Use only tools and equipment that are not worn out and that show no signs of damage.

Damaged tools and equipment can result in severe injury!



2.3 Maintenance and repair

The manufacturer assumes no liability for damage resulting from improper repair or the use of non-original spare parts.

Faulty operation of the measurement adaptors that leads to damage voids the warranty.

If in doubt, always contact an expertly trained firm or CAR-connect. You will find the respective contact details in these instructions.

In the case of visible damage, the components must be replaced. Damaged components can result in severe injury!

Check contacts and connections for damage.

The operator may only carry out the maintenance and repair measures that have been outlined in these operating instructions. Maintenance and repair work not outlined in these operating instructions may only be carried out by expert staff following training by CAR-connect.

This product has been tested to the requirements of CAN/CSA-C22.2 No. 61010-1, second edition, including Amendment 1, or a later version of the same standard incorporating the same level of testing requirements.

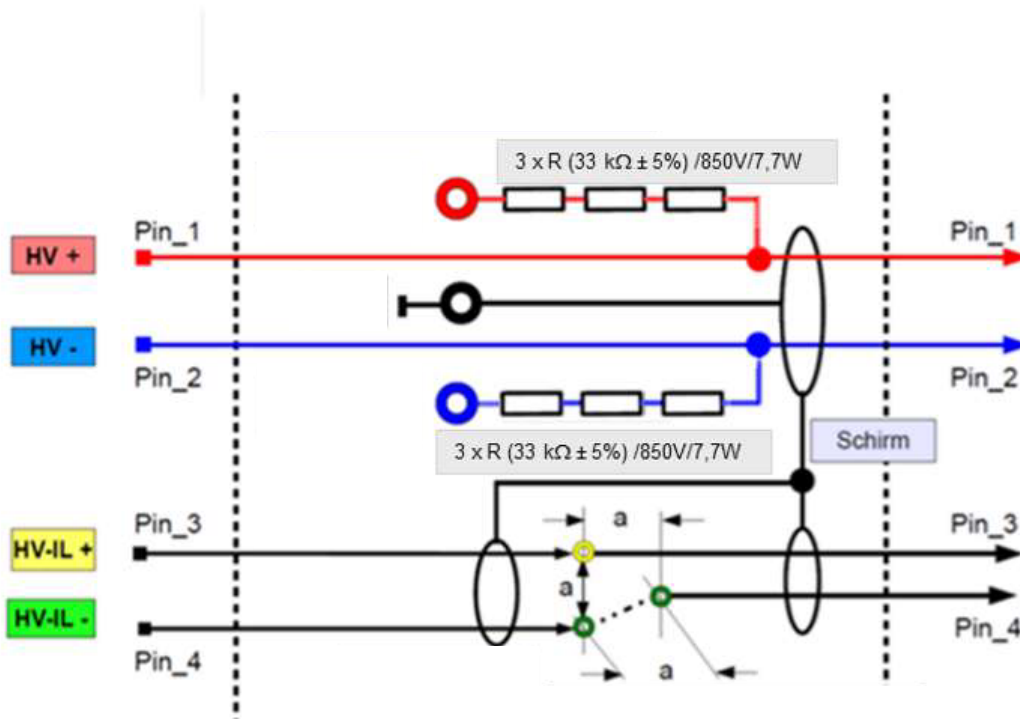
For further information concerning service work or training, please contact our service address:

CAR-connect GmbH
Am Egelingsberg 8
D-38542 Leiferde
Deutschland





3 Technical drawings and illustrations



4 Warranty

There is a 24 month guarantee on CAR-connect measurement adaptors for those defects that can be traced back to material or manufacturing defects.

The guarantee time commences on the date of delivery, confirmed on the invoice or the delivery note.

The guarantee is valid for the user/buyer if the measurement adaptors were purchased from an authorized seller and used for their intended purpose.

The guarantee is void if the measurement adaptors were used for purposes contrary to their intended use.

The guarantee is also void if the measurement adaptors were not used in accordance with the operating instructions.

In the case of a defect or malfunction, CAR-connect will replace or repair only faulty parts, at its own discretion.

Service address:
CAR-connect GmbH
Am Egelingsberg 8
D-38542 Leiferde
Germany

5 Storing measurement adaptors

Please store the measurement adaptor in the included carrying case.



Terminal panel: CAT I 1.000V
 CAT II 600V
 CAT III 300V

Measurement category corresponds to a combination of measuring equipment and accessories to the lowest value of the measurement categories of test gear and accessories.

Maximum rated current: 1mA

Indoor use.

The HV-measurement adaptor VAS 6558/9-6 can be used up to 4000 meters above sea level.

The HV-measurement adaptor VAS 6558/9-6 can be used up to 40 ° C.

The HV-measurement adaptor VAS 6558/9-6 are specified for relative humidity at 25 °, 10 to 80%.

The HV-measurement adaptor VAS 6558/9-6 are to be stored at -20 to 55 ° C and are specified for relative humidity 10 to 80%.

7 Cleaning and Decontamination

Cleaning and decontamination are permitted only with a dry cloth.



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