

CLY 352 5049E

Insulated Ratchet Cable Cutter

User Instructions



Insulated to EN 60900



1000 V

General Information

Length: 290 mm

Max. jaw opening: 25 mm

Can be used for individual aluminium and copper strands up to 1 x 240 mm², not for hard-drawn copper (e.g. overhead contact lines or trolley wires), high-voltage cables with steel wire insert, use wire rope! In principle the relevant statutory and official regulations on "Working with or near live parts" up to 1000 V AC or 1500 V DC must be observed, especially VBG 4 of the Employers' Liability Insurance Association for Precision Mechanics and Electrical Engineering!

Preparation

Before each use the cable cutters must be checked for damage at the following points (visual examination):

Insulation: **Caution:** If there is any damage to the insulation do not use the tool, but instead turn it in for repair!

Encapsulated work head: **Caution:** If the encapsulation is missing or damaged, there is a risk of touching live parts (electric arc!). Do not use the cable shears but instead turn in for repair.

Description of the Work Procedure



Only operate the cable shears using the three orange handles! You need two hands for all operations. Never touch parts outside the bounds of the orange handles. The work head is not a handle!

Preparation:

Before applying the cable shears ensure that the cutting head is completely open. For this hold the immovable orange handle with one hand and with the other hand draw the trigger lever shown in the illustration in the direction of the handle. The cutter claws now open to the maximum opening width.

Cutting the individual conductors:

Before cutting an individual conductor you must isolate any downstream or adjacent live individual conductors in such a way that the blades of the cable shears can only cut the desired individual conductor. Otherwise there is a risk of short-circuiting. To avoid this you can, for example, use cutter keys, Part No. CLY 355 01300. Grasp the cable shears with one hand at the immovable orange

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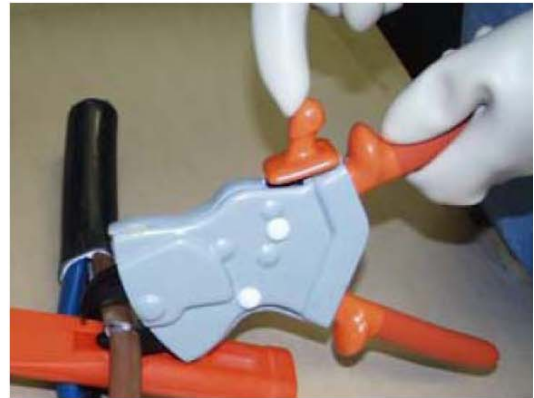
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handle and guide the open blades over the conductor to be cut in such a way that the blades surround it completely. Now with the other hand move the movable orange handle towards the fixed handle until the ratchet engages. Repeat this movement until the blades are completely closed and the individual conductor is completely severed.



Opening the cable shears:

Hold the cable shears at the immovable handle and with the other hand draw the trigger lever towards the handle. The cable shears open and can now be removed easily from the conductor.

Care

Keep the cable cutter free from soil. You can clean the insulation with a cloth soaked in alcohol, spirit, dry-cleaning fluid or a warm soap solution. Wipe dry carefully. Oil the rotating parts once a week. If there is any cutting air between the cutting jaws, or if the cutting jaws are blunt, return to the manufacturer for adjustment/regrinding or replacement.

Storage and Transport

Always keep tools used for working with live parts separately from other tools. Suitable storage devices include e.g. a tool bag for insulated tools, or a separate storage bag made of artificial leather (see our accessories range).

Do not store near sources of heat (e.g. steam pipes) or in closed, damp rooms.

Repair and Maintenance

Only use original parts. Repairs involving dismantling of the cable shears may only be carried out by the manufacturer.

Regular Inspections

Annual visual examinations conducted by trained staff are recommended to determine the tool's suitability for further use.

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