

CATALOGUE

INSULATED HANDLING ROD
TYP IMT

METALLIC HANDLING ROD
TYP KMT

Unsere Handelsvertretung in Deutschland



ISO 9001:2009
ISO 14001:2005

ivep[®]

IMT Type Insulated Handling Rod

APPLICATION

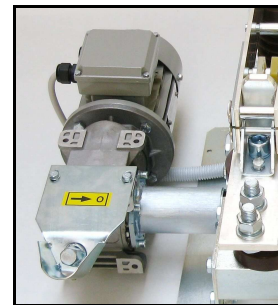
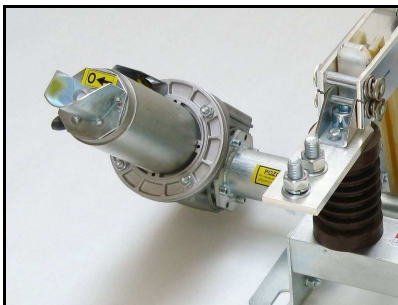
The IMT insulated handling rods are used to perform manual handling operations on QAK and QAKZ disconnectors, and on self-contained SP-CB type drives, in case of emergency. The handling rods are delivered in two different designs, without and with a slip clutch. The slip clutch equipped insulated handling rods have necessarily to be used on the FE type disconnectors in which the disconnector switching mechanism might become damaged due to improper handling. The slip clutch torque is set during the manufacture of the disconnector for which the rod is intended to be used. The main criterion for the slip torque determination is the rated current of the switching device, which ranges within 1 to 15 Nm. Disconnectors of F and FM types, and also those equipped with the SP-CB self-contained drives are using handling rods without the clutch.

Handling rods in the QAK and QAKZ disconnectors, i.e. those without electric motor drive, are used to operate switching devices with rated currents of more than 2000 A. The handling rod in such a case is used to operate a gearbox which forms a part of the controlled disconnector.

DESCRIPTION

The insulated handling rods are terminated with a key-operated adapter with joint, delivered normally in $L_F = 1000$ mm to 3700 mm length. The shortest length of handling rod, which can be delivered, is $L_F = 850$ mm.

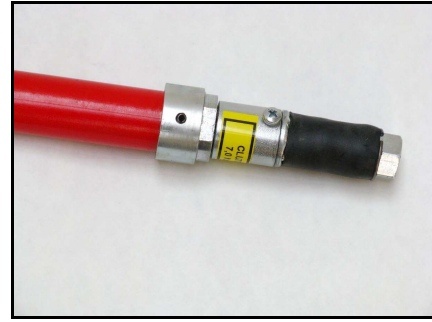
The number of rods to be used within the switching station is specified by the designer and depends on the number of disconnectors and the structural arrangement of the switching station (e.g. the number of storeys).



View for emergency application of isolating control rod



IMT Type Insulated handling rod

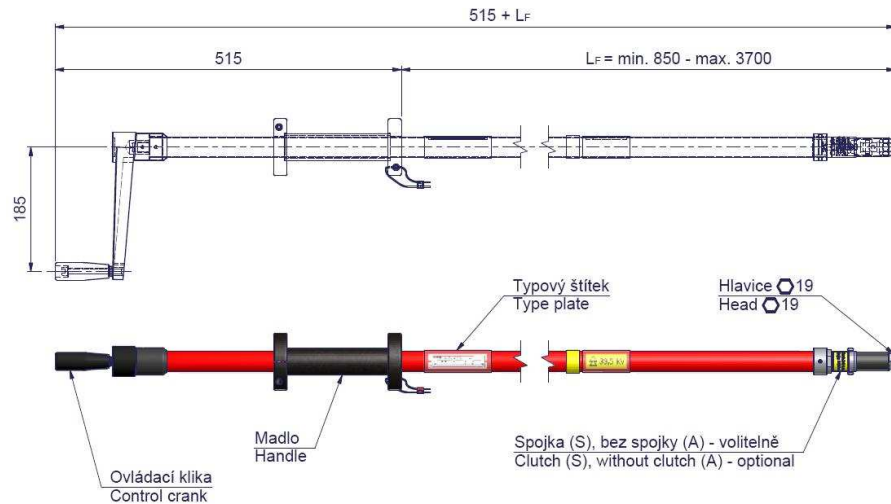


Key-operated adapter with joint

ORDERING CODE

Basic design		IMT 2					
- without slip clutch		A					
- with slip clutch		S					
Rod length „L _F “ v mm		1000					
		1500					
		2000					
		2500					
		3000					
		3700					
Slip clutch		(to) 4Nm	I				
		(over) 4Nm	II				
Design		short hex	S				Design depends on the type of controlled device. Specified by the manufacturer.
		long hex	L				
		short hex + cross clutch	SC				
		long hex + cross clutch	LC				

-example of coding: IMT 2.S.1000.I.S



METALLIC KMT TYPE HANDLING RODS

APPLICATION

The KMT metallic handling rods are used to provide for emergency operations of the QAK and QAKZ disconnectors, and the self-contained SPT, SUP and RPP drives. The rods can only be used at places at the rod under no circumstances is allowed to touch a part under voltage.

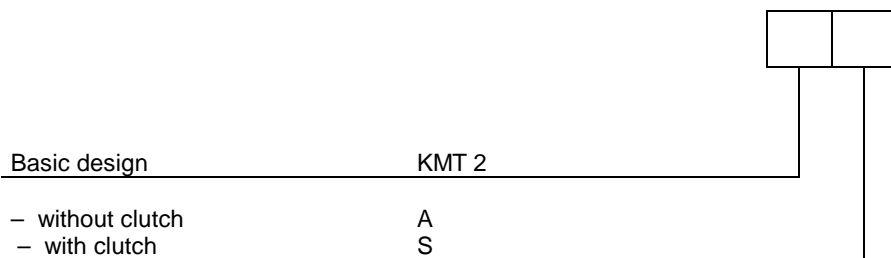
The KMT handling rods can, as necessary, be equipped with a safety slip clutch, the slip torque of which is set during the manufacture of the equipment to be operated. The torque is adjustable within the range of 1 to 15 Nm. The use of metallic handling rods needs to be decided after consultations with the manufacturer.

DESCRIPTION

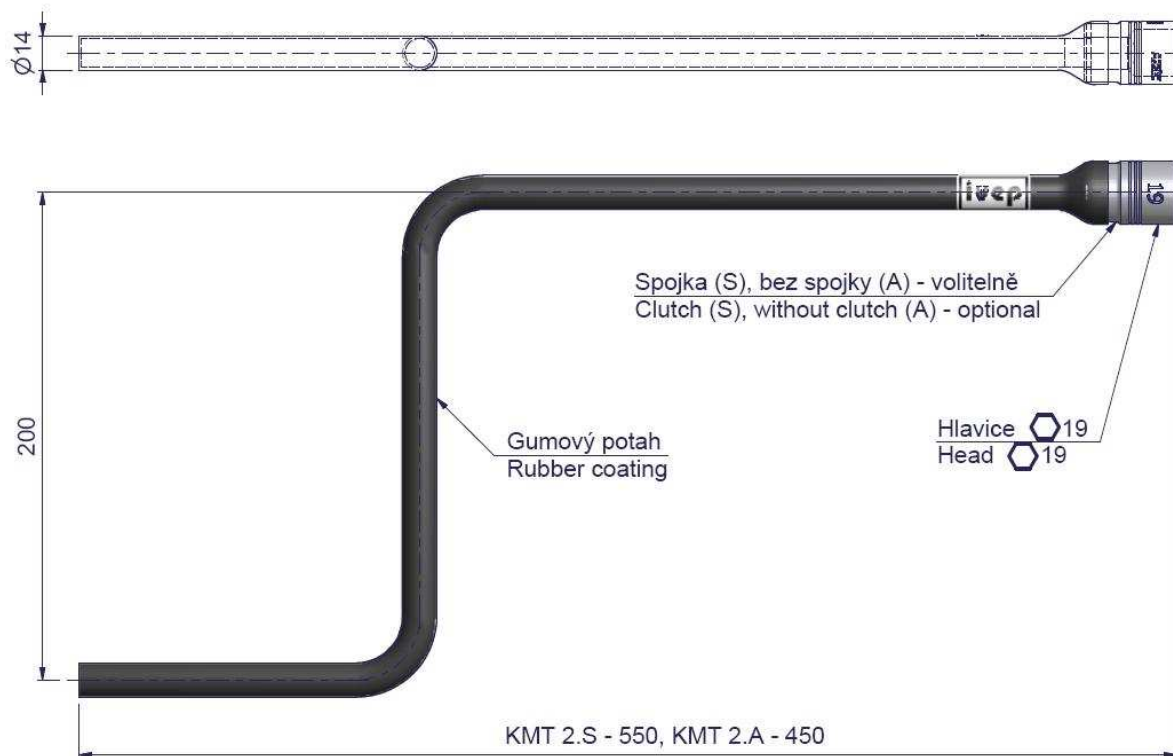
The handling rods are terminated with a key-operated adapter, and are of a fixed length – see Figure below. At places where the handle is in touch with the operator's hand the surface is protected with rubber coat.

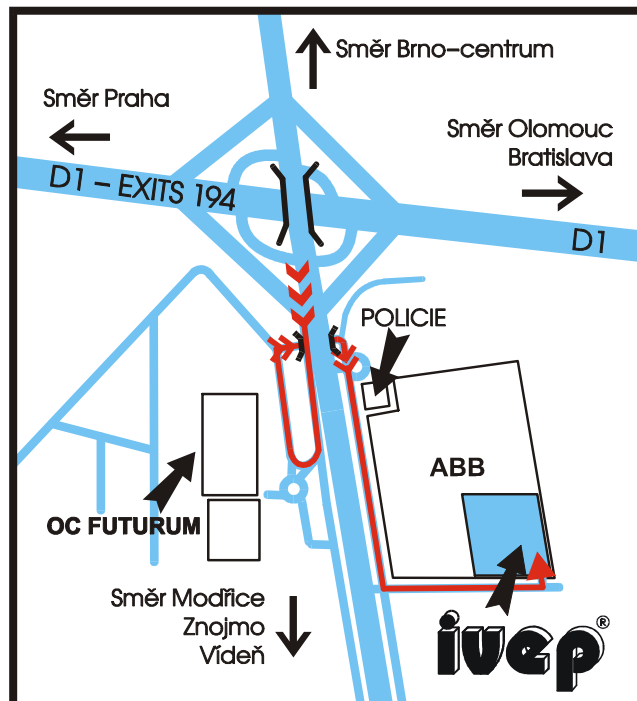


- ORDERING CODE



Example of coding:
KMT 2.S





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