

INSTALLATION INSTRUCTION

Fuse Switch Disconnector

InLine II ZHBM-ITS



Table of contents

- 01 Use of symbols**
- 04 Busbar overview**
- 05 Disassembling the ITS**
- 06 TCP Module**
- 09 Busbar mounting**
- 11 Assembling the ITS**
- 12 Dimensions and warnings**

Use of symbols



Hazardous voltage

Warns about a situation where a hazardous voltage may cause physical injury to a person or damage to equipment.



Caution

Provides important information or warns about a situation that may have a detrimental effect on equipment.



General warning

Warns about a situation where something other than electrical equipment may cause physical injury to a person or damage to equipment.



Information

Provides important information about the equipment.

Receiving, handling and storage



HAZARD OF Overturning equipment

When moving with a fork lift, do not remove the shipping package until the device is in its final location.

Failure to follow this instruction will result in personal injury or equipment damage.

Receiving and handling

Upon receipt, carefully inspect the switch for damage that may have occurred during transit. If damage is evident, or there is visible indication of rough handling, immediately file a damage claim with the transportation company, and notify your local ABB sales office.

Do not remove the shipping package until the ITS2.1 module is ready to be installed.

Storage

If the unit will not be placed into service immediately, store the device in its original package in a clean, dry location. To prevent condensation, maintain a uniform temperature. Store the unit in a heated building, allowing adequate air circulation and protection from dirt and moisture. Storing the unit outdoors could cause harmful condensation inside the package .

Read these safety instructions carefully before using this product!



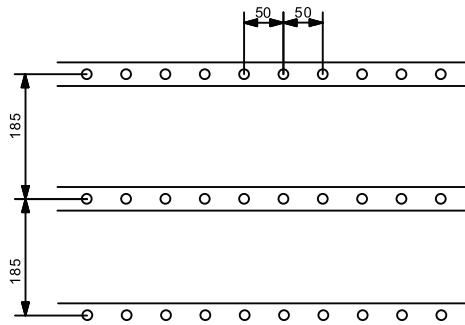
Danger

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

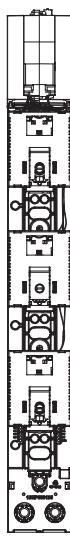
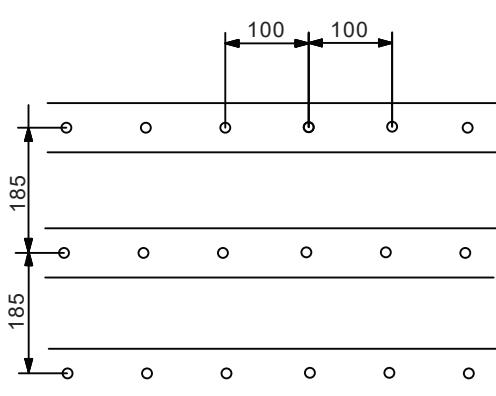
- Apply appropriate personal protective equipment and follow safe electrical work practices.
- This equipment must only be installed and serviced by qualified electrical personnel.
- Before performing visual inspections, tests, or maintenance on the equipment, disconnect all sources of electric power. Assume that all circuits are live unless they are completely deenergized, tested, grounded, and tagged. Pay particular attention to the design of the power system. Consider all sources of power, including the possibility of backfeeding.
- Turn off switch before removing or making load side connections.
- Always use a properly rated voltage sensing device at all line and load to confirm switch is off.
- Turn off power supplying switch before doing any other work on or inside switch.

Failure to follow these instructions could result in death or serious injury.

Busbar overview



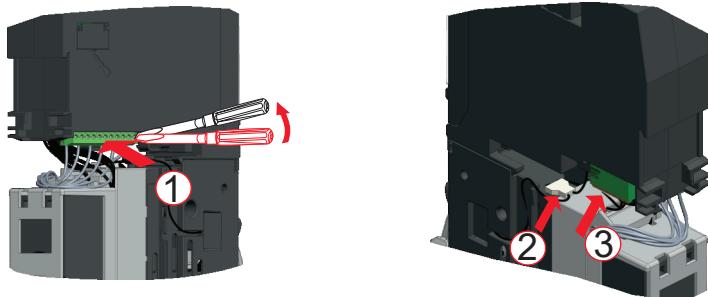
ZHBM00-ITS



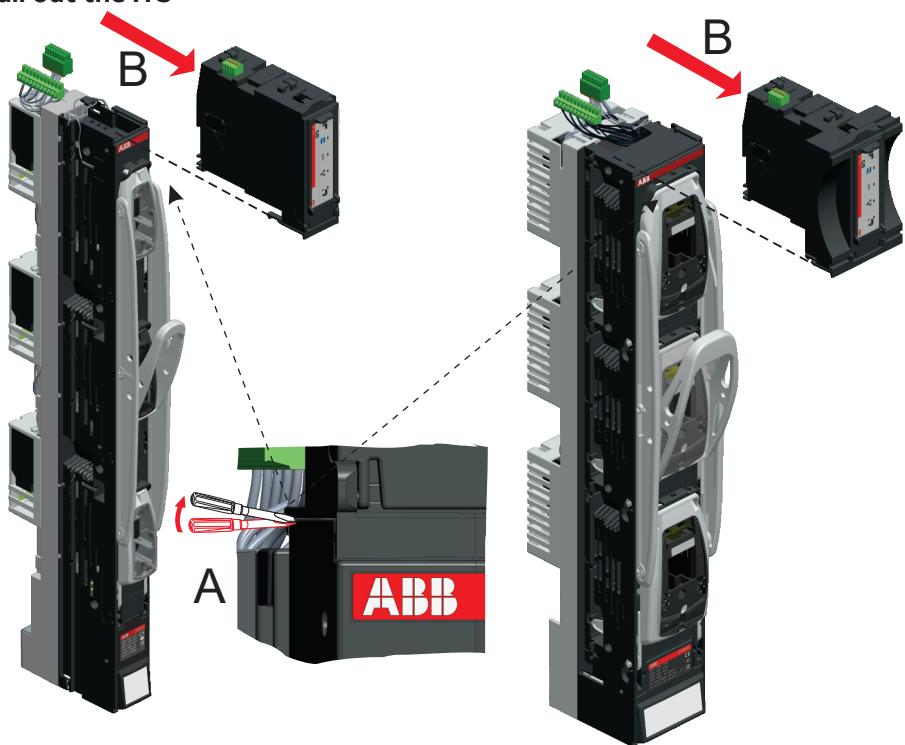
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Disassembling the ITS

1 Withdraw the connectors



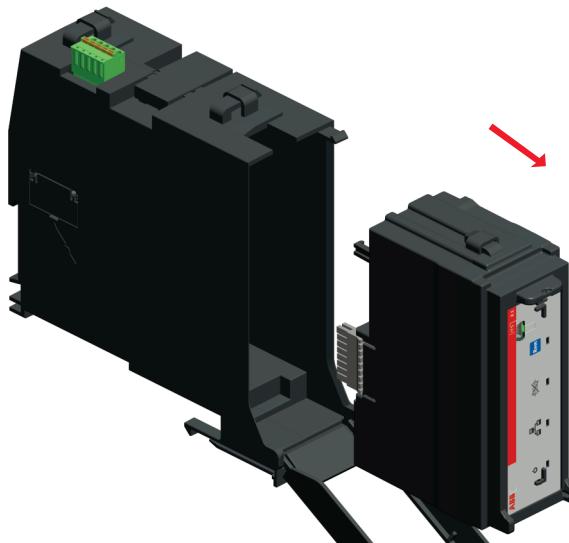
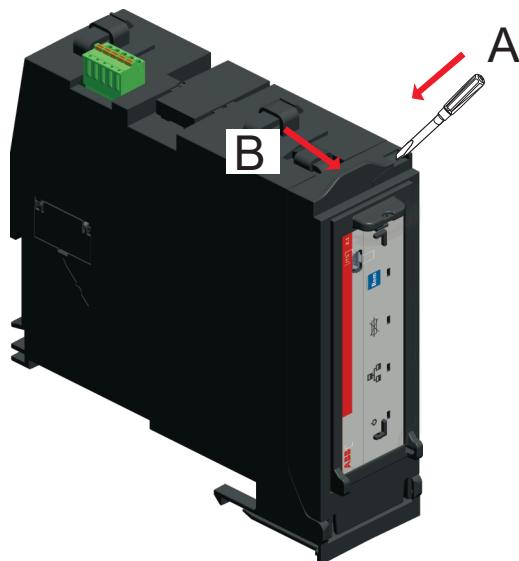
2 Pull out the ITS



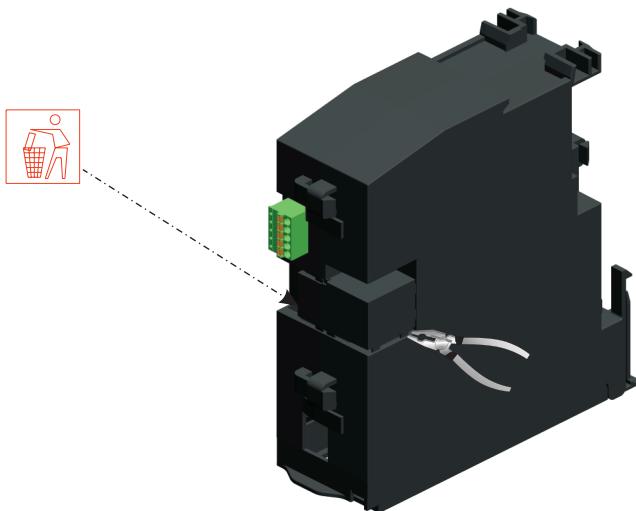
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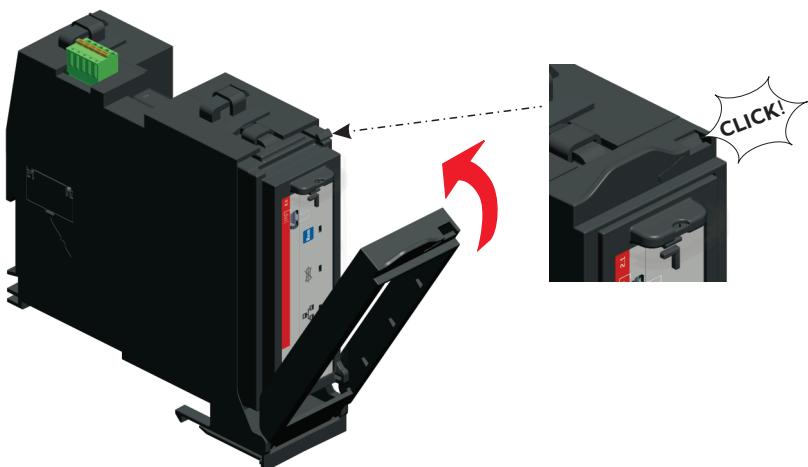
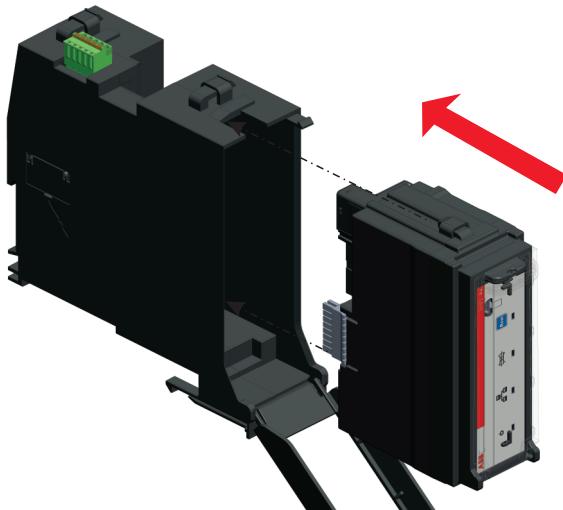
TCP Module



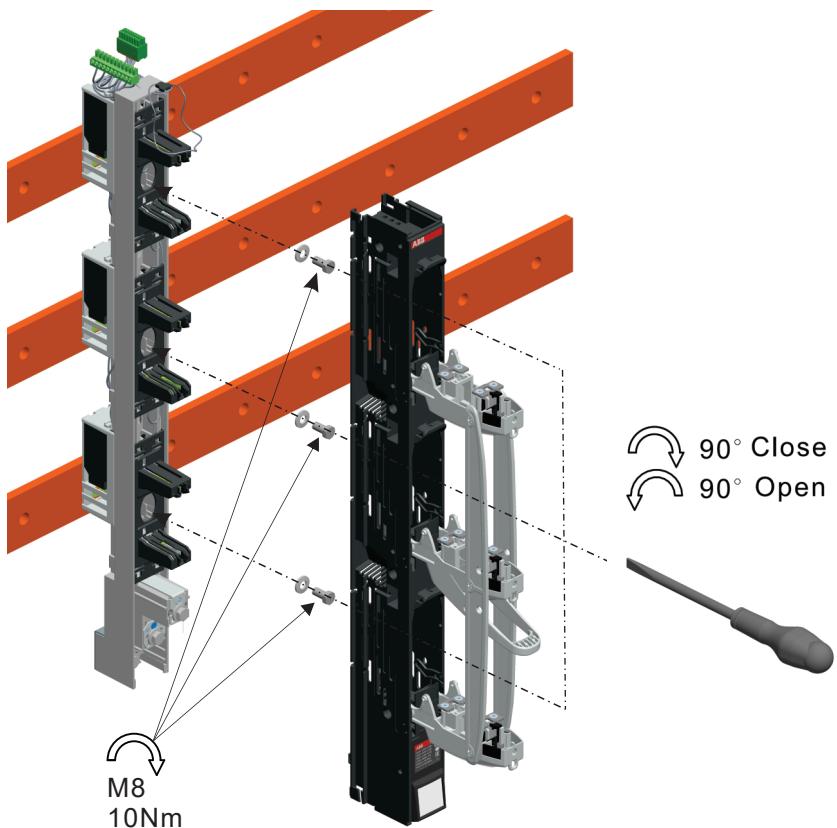
TCP Module



TCP Module

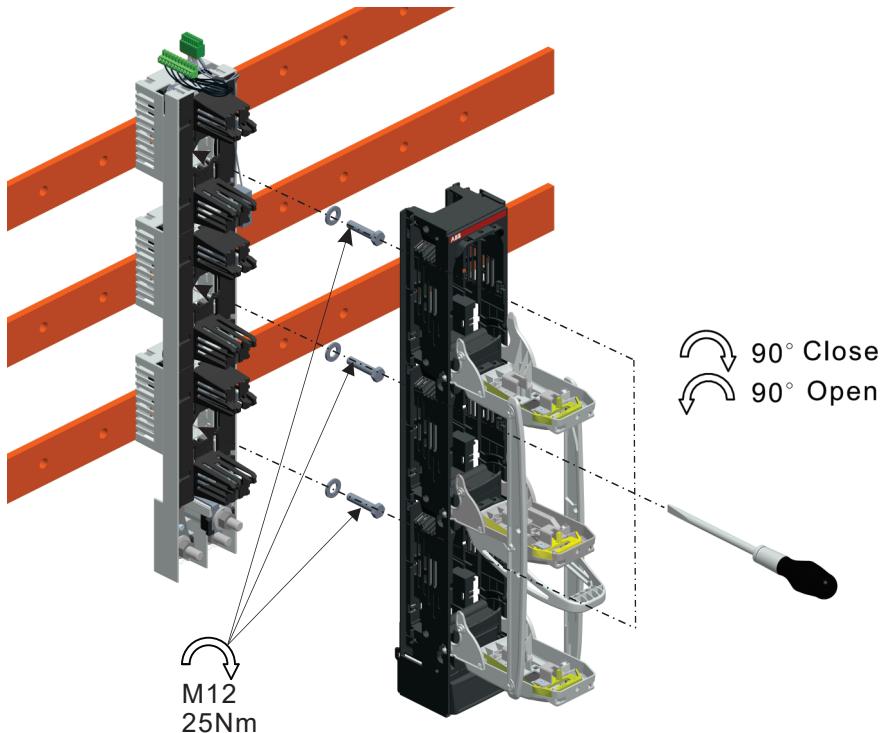


Busbar mounting



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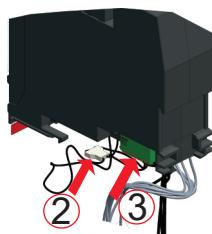
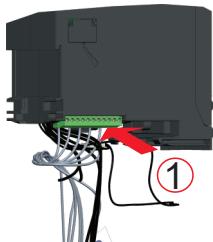
Busbar mounting



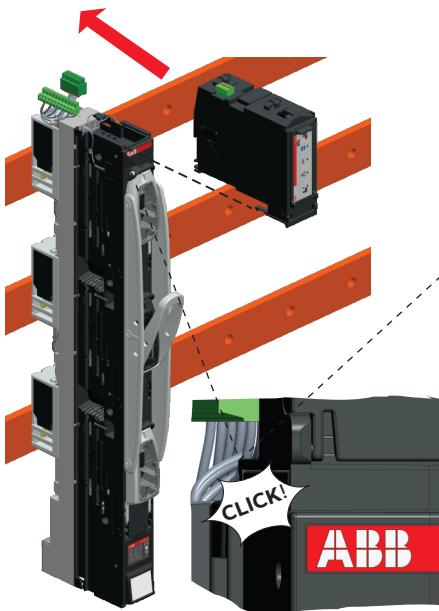
ZHBM123-ITS

Assembling the ITS

1 Plug in the connectors



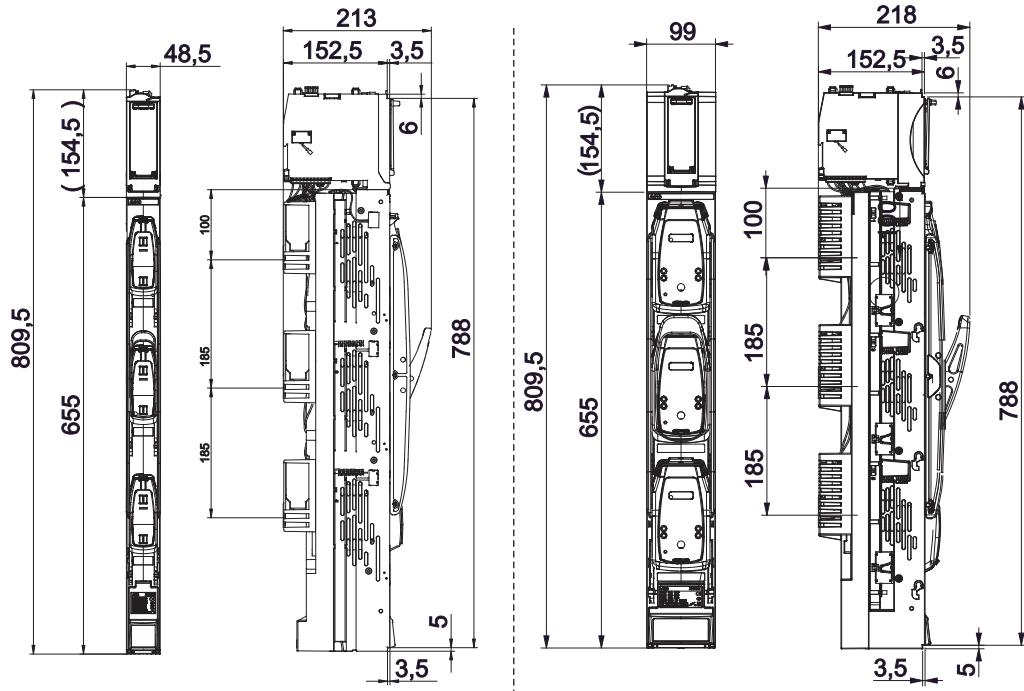
2 Push in the ITS



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BG

Внимание! Опасно напрежение! Да се монтира само от лице с електротехническа квалификация.

FR

Avertissement! Tension électrique dangereuse! Installation uniquement par des personnes qualifiées en électrotechnique.

MT

Twissija! Voltaggi pericolosi! Għandu jiġi installat biss minn persuna b'kompetenza elettroteknika.

HR

Upozorenje! Opasan napon! Postavljati smije samo elektrotehnički stručnjak.

DE

Warnung! Gefährliche Spannung! Installation nur durch elektrotechnische Fachkraft.

PL

Ostrzeżenie! Niebezpieczne napięcie! Instalacji może dokonać wyłącznie osoba z fachową wiedzą w dziedzinie elektrotechniki.

CZ

Varování! Nebezpečné napětí! Montáž smí provádět výhradně elektrotechnik!

EL

Προειδοποίηση! Υψηλή τάση! Η εγκατάσταση πρέπει να γίνεται μόνο από εξειδικευμένους πλεκτροτεχνικούς.

PT

Aviso! Tensão perigosa! A instalação só deve ser realizada por um eletricista especializado.

DA

Advarsel! Farlig elektrisk spænding! Installation må kun foretages af personer med elektroteknisk ekspertise.

HU

Figyelemzettel! Veszélyes feszültség! Csak elektrotechnikai tapasztalattal rendelkező szakember helyezheti üzembe.

RO

Avertizare! Tensiune periculoasă! Instalația trebuie efectuată numai de către o persoană cu experiență în electrotehnica.

NL

Waarschuwing! Gevaarlijke spanning! Mag alleen geïnstalleerd worden door een deskundige elektrotechnicus.

IE

Rabhadh! Voltas guaiseach! Ba chôr do dhuihe ag a bhfuil sineolas leictreiciúil, agus an té sin amháin, é seo a shuiteáil.

SK

Varovanie! Nebezpečné napäť! Montáž môže vykonávať iba skúsený elektrotechnik.

EN

Warning! Hazardous voltage! Installation by person with electrotechnical expertise only.

IT

Avvertenza! Tensione pericolosa! Fare installare solo da un elettricista qualificato.

SL

Opozorilo! Nevarna napetost! Vgradnjo lahko opravi le oseba z elektrotehničnim strokovnim znanjem.

ET

Hoitatus! Ohtlik pingi. Paigaldada välti ainult elektrotehnika-alane ekspertri.

LV

Uzmanību! Bistam - elektribal! Montāžas darbus drīkst veikt tikai personas, kurām ir atbilstošas elektrotehniskās zināšanas.

ES

¡Advertencia! ¡Tensión peligrosa! La instalación deberá ser realizada únicamente por electricistas especializados.

FI

Varoitus! Vaarallinen jännite! Asennukseen voi tehdä vain sähköalan ammattiherkille.

LT

Dėmesio! Pavojinga įtampa! Dirbtį leidžiamą tik elektrotechniko patirties turintiems asmenims.

SE

Warning! Farlig spänning! Installation får endast utföras av en elektriker.

CN

警告！电压危险！只能由专业电工进行安装。

RU

Осторожно! Опасное напряжение! Монтаж должен выполняться только специалистом-электриком.



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