

(Fig. 1)

250AF Thermal Magnetic 03-M23E

Mounting Screw Torque Settings

Frame	Type	FRONT CONNECTION		REAR CONNECTION		PLUG-IN	
		Qty		Qty		Qty	
250	XE225NS	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4
	XS160NJ	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4
	XS250NJ	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4
250	XH160NJ	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4
	XS160PJ	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4
	XS250PJ	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4
	XH250NJ	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4	(i) M4 x 40mm (1.3-2.1Nm)	4

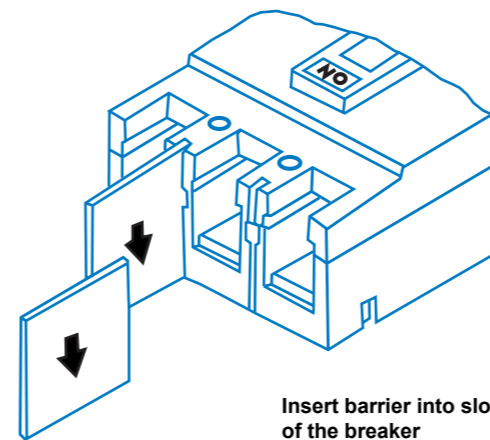
(i) Pan head

Terminal Screw Torque Settings

Frame	Type	FRONT CONNECTION		REAR CONNECTION		PLUG-IN
		Compression Terminal	Flat Bar	RC Stud to Breaker	RC Stud Terminal	
250	XE225NS	(i) M8x 20mm (9.2-15.3Nm)	(ii) M10x25mm (23.5-38.7Nm)	(i) M6 x 20mm (3.8-6.2Nm)	(ii) M8 x 25mm (9.2-12.2Nm)	(iii) M8 (9.2-15.3Nm)
	XS160NJ	(i) M8x 20mm (9.2-15.3Nm)	(ii) M10x25mm (23.5-38.7Nm)	(i) M6 x 20mm (3.8-6.2Nm)	(ii) M8 x 25mm (9.2-12.2Nm)	(iii) M8 (9.2-15.3Nm)
	XS250NJ	(i) M8x 20mm (9.2-15.3Nm)	(ii) M10x25mm (23.5-38.7Nm)	(i) M6 x 20mm (3.8-6.2Nm)	(ii) M8 x 25mm (9.2-12.2Nm)	(iii) M8 (9.2-15.3Nm)
250	XH160NJ	(i) M8x 20mm (9.2-15.3Nm)	(ii) M10x25mm (23.5-38.7Nm)	(i) M6 x 20mm (3.8-6.2Nm)	(ii) M8 x 25mm (9.2-12.2Nm)	(iii) M8 (9.2-15.3Nm)
	XH160PJ	(i) M8x 20mm (9.2-15.3Nm)	(ii) M10x25mm (23.5-38.7Nm)	(i) M6 x 20mm (3.8-6.2Nm)	(ii) M8 x 25mm (9.2-12.2Nm)	(iii) M8 (9.2-15.3Nm)
	XS250PJ	(i) M8x 20mm (9.2-15.3Nm)	(ii) M10x25mm (23.5-38.7Nm)	(i) M6 x 20mm (3.8-6.2Nm)	(ii) M8 x 25mm (9.2-12.2Nm)	(iii) M8 (9.2-15.3Nm)
	XH250NJ	(i) M8x 20mm (9.2-15.3Nm)	(ii) M10x25mm (23.5-38.7Nm)	(i) M6 x 20mm (3.8-6.2Nm)	(ii) M8 x 25mm (9.2-12.2Nm)	(iii) M8 (9.2-15.3Nm)

(i) Hex socket
(ii) Hex bolt
(iii) Nut

Fitting Instructions for Interpole Barriers



Insert barrier into slot of the breaker

Installation

WARNING

- This product should be installed, commissioned and maintained by or under the supervision of a competent electrician in accordance with current electrical engineering codes of practice.
- To prevent electric shock, ensure supply is isolated before installation or servicing.

Installation

Avertissement

- Ce produit doit être installé, commissionné et entretenu par ou sous la supervision d'un électricien compétent en accord avec les codes de bonnes pratiques de l'électricité.
- Pour prévenir tout danger d'électrocution, il convient d'isoler l'alimentation électrique avant l'installation ou l'entretien.

Installation

ACHTUNG

- Der Einbau und die Verschaltung dieses Produktes, darf nur von, oder unter Aufsicht von Electro-Fachkräften, erfolgen.
- Stellen Sie sicher, daß die Anlage spannungsfrei geschaltet ist.

Instalación

Atención

- Este producto debería ser instalado, revisado y mantenido por o bajo la supervisión de personal autorizado de acuerdo con la normativa vigente.
- Para prevenir descargas eléctricas, asegúrese de que el aparato no recibe alimentación antes de proceder a su instalación o mantenimiento.

Installazione

Attenzione

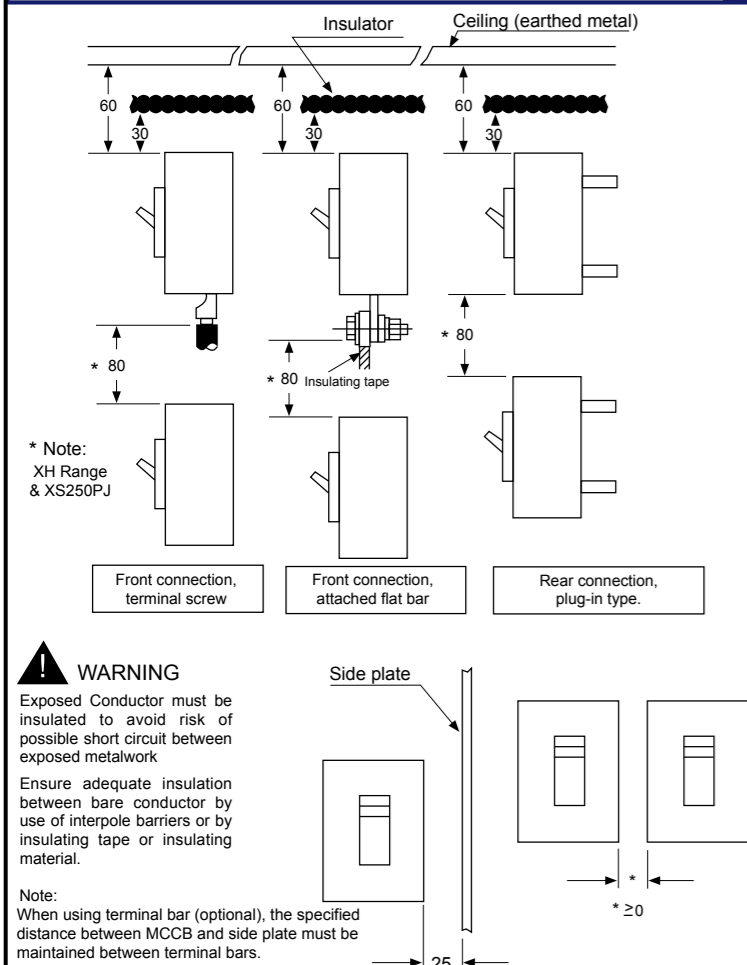
- L'interruttore deve essere scelto, installato e controllato da o sotto la supervisione di personale addestrato secondo le regole di buona tecnica.
- Pre prevenire scosse elettriche, l'interruttore non deve presentare parti accessibili sotto tensione prima di ogni intervento di personale.

Instalação

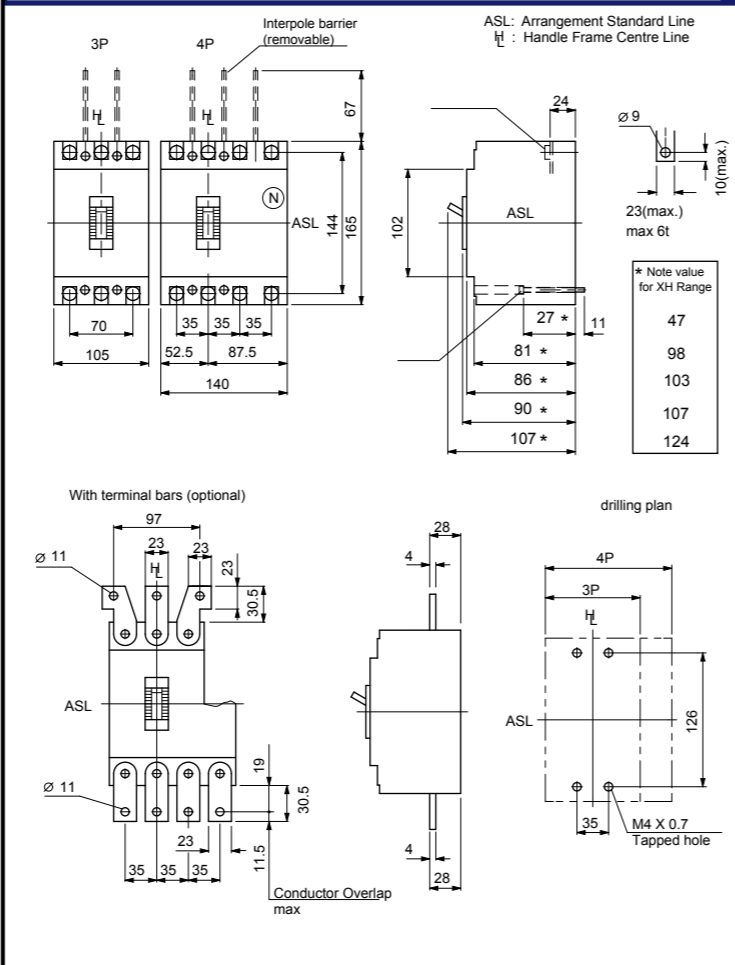
Aviso

- A manutenção, instalação e comissionamento deste produto devera ser executada ou sobre a supervisão de pessoal devidamente credenciado, de acordo com a boa pratica das regras da electricidade.
- Para prevenir choques eléctricos, garanta o isolamento da alimentacao antes de instalar ou exectar alguma intervenção.

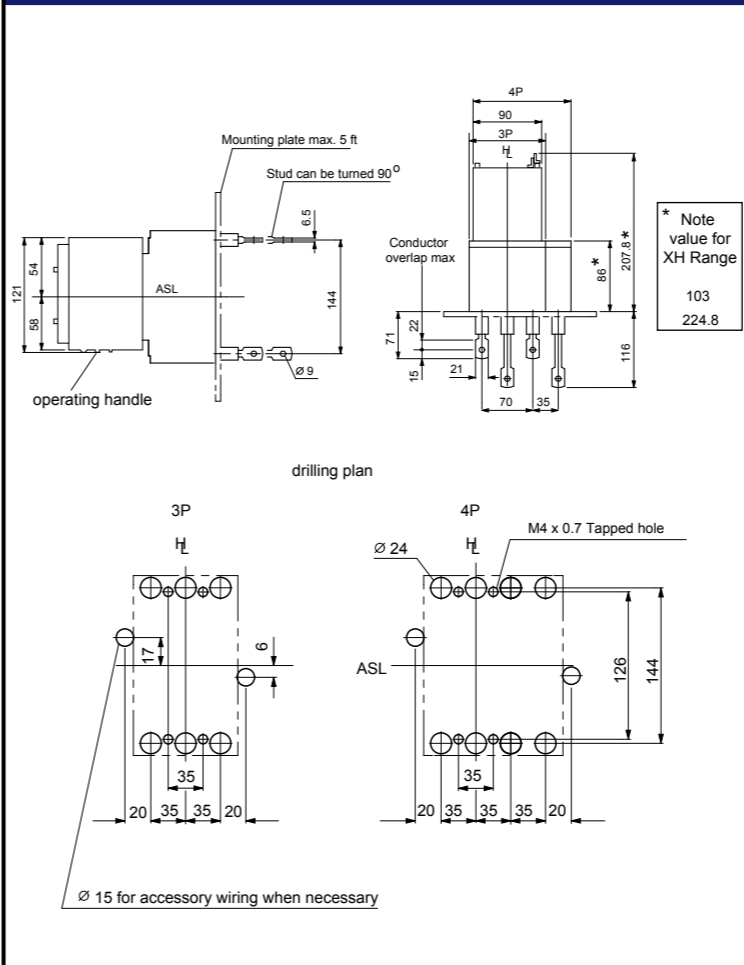
Insulation Distance (mm)



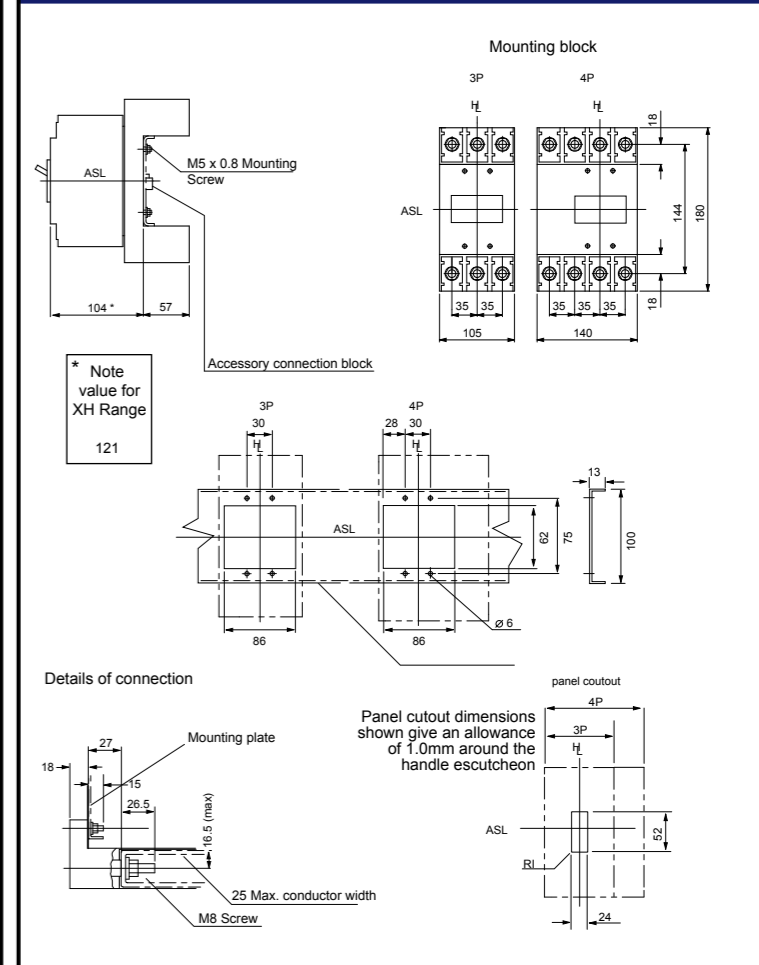
Front Connected Dimensions (mm)



Rear Connected Dimensions with Motor Operator Type XMB (mm)

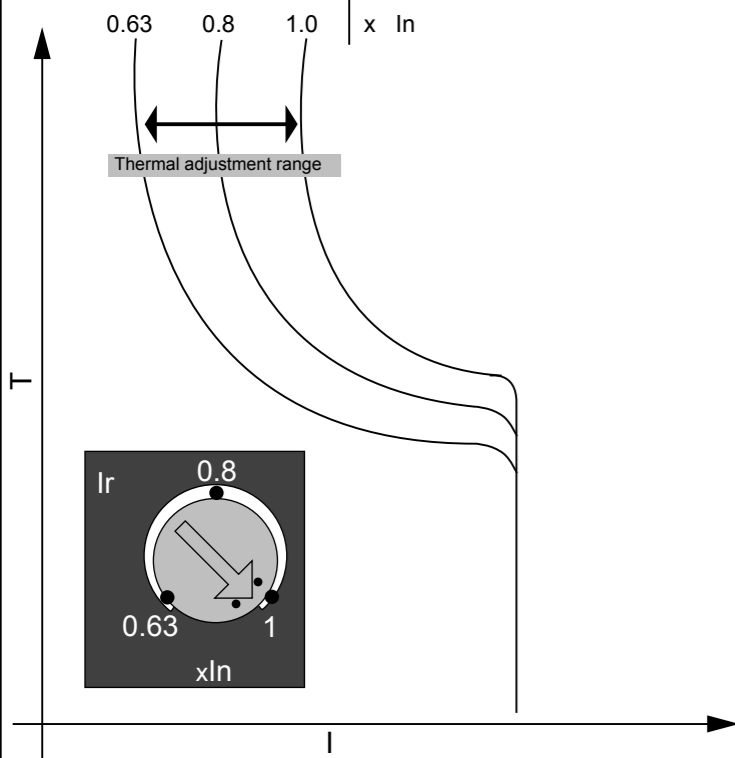


Plug-in Dimensions (mm)



Thermal Adjustment

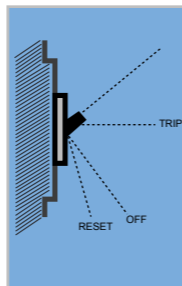
125A MCCB set at Ir = 0.8, the rated current is calculated as 125 x 0.8 = 100A



Operating Instructions

Before putting into service the following checks should be made:

- i) MCCB terminations are sound... ii) The correct functioning of internal/external accessories... iii) MCCB operating toggle has three positions: ON, OFF, TRIP



(Fig. 2)

Instructions de fonctionnement

Avant la mise en service, les controles suivants doivent etre realisés:

- i) Les bornes du disjoncteur type moule (MCCB) sont propres et en bon etat... ii) Fonctionnement correct des accessoires internes / externes... iii) La poignée d'actionnement des MCCB a trois positions: ON, OFF, TRIP

Schaltinstruktionen

Vor der Inbetriebnahme sind folgende Überprüfungen notwendig:

- i) Die Haupt und Steuerkontakte sind korrekt angeschlossen... ii) Das interne und externe Zubehör funktioniert ordnungsgemäß... iii) Der Leistungsschalter verfügt über drei Schaltpositionen: Ein, Aus, Ausgelöst

Instrucciones de operacion

Antes de conectar el interruptor se deberia comprobar lo siguiente:

- i) Que todos los terminales del interruptor estan correctamente conectados... ii) El funcionamiento correcto de los accesorios externos e internos... iii) La palanca de operacion del interruptor tiene tres posiciones: ON, OFF-abierto, TRIP-disparo

Istruzioni

Eseguire le seguenti operazioni prima della messa in servizio:

- i) Controllare lo stato dei morsetti e il cablaggio degli accessori... ii) Controllare il funzionamento degli accessori sia interni che esterni... iii) La leva di manovra dell'interruttore puo assumere tre posizioni: ON, OFF, TRIP

Manual de Instruções

Antes da colocação em serviço, deverá verificar os seguintes pontos:

- i) Os terminais do disjuntor estão em bom estado... ii) Funcionamento correcto dos acessórios internos / externos... iii) O punho do disjuntor compacto tem três posições: ON, OFF, Trip

Troubleshooting

Table with 3 columns: Symptom (e.g., MCCB will not close/reset, MCCB contact overheating, Internal Accessory), Cause, and Solution.

Recherche le défaut

Table with 3 columns: Symptom (e.g., Le disjoncteur MCCB ne sera pas en position On/Reset, Echauffement des contacts du disjoncteur type moule, Accessoires internes), Cause, and Solution.

Fehlerbeseitigung

Table with 3 columns: Symptom (e.g., Der Leistungsschalter öffnet sich nicht ein-schalten, Die Leistungs-chalter-Kontakte sind überhitzt, Internes Zubehör), Cause, and Solution.

Inconvenienti

Table with 3 columns: Symptom (e.g., L'interruttore non chiude/resetta, L'interruttore surriscalda, Accessori interni), Cause, and Solution.

Determinacion de problemas

Table with 3 columns: Symptom (e.g., El interruptor no cierra o no se rearm, Sobrecalentamiento de los contactos, Accesorios internos), Cause, and Solution.

Identificação de problemas

Table with 3 columns: Symptom (e.g., O disjuntor não fecha / Rearma, Sobre aquecimento dos contactos do disjuntor compacto, Acessórios internos), Cause, and Solution.