

DATA SHEET: TEMBREAK 2 S250-NJ MCCB

Código Larce 3P: 0403005093 0403005094 0403005095

MCCB Electrical Characteristics to IEC 60947-2, EN 60947-2, JIS C 8201-2-1 ANN.1, AS/NZS 3947-2, NEMA AB-1

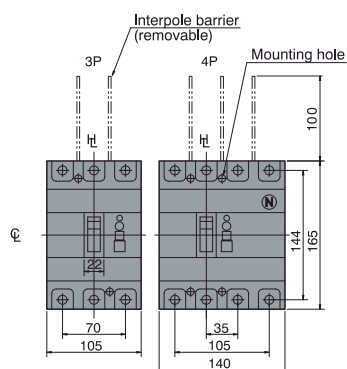
Frame Reference	Quantity	Unit	Condition	TB2 S250
Max In (A) of Frame				250
Model Number of Poles Type				S250 3, 4 NJ
Nominal current ratings				
	I_n	(A)	50°C	160 200 250
Electrical characteristics				
Rated operational voltage	U_e	(A)	AC 50/60 Hz DC	690 250
Rated insulation voltage	U_i	(V)		800
Rated impulse withstand voltage	U_{imp}	(kV)		8
Ultimate breaking capacity (IEC, JIS, AS/NZS)	I_{cu}	(kA)	690V AC 525V AC 440V AC 400/415V AC 220/240V AC 250V DC	7.5 25 25 36 65 40
Service breaking capacity (IEC, JIS, AS/NZS)	I_{cs}	(kA)	690V AC 525V AC 440V AC 400/415V AC 220/240V AC 250V DC	7.5 25 25 36 65 40
Rated breaking capacity (NEMA)		(kA)	480V AC 240V AC	22 65
Protection				
Adjustable thermal, adjustable magnetic Fixed thermal, fixed magnetic Microprocessor Utilisation category				■ A
Installation				
Front connection (FC) Extension bar (FB) Cable clamp (FW) Rear connector (RC) Plug-in (PM) Din rail mounting (DA) Dimensions	height width	(mm) (mm)	3 pole, (1 pole) 4 pole	■ ● ● ● ● - 165 105
Weight	depth weight	(mm) (kg)	3 pole, (1 pole) 4 pole	140 68 1.5 1.9
Operation				
Direct Opening Action Toggle operation Door mounted (HS) / breaker mounted handle (HB) Motor operation (MC)				■ ■ ● ●
Endurance	Electrical Mechanical	cycles cycles	415V AC	10,000 30,000

■ Standard ● Optional - Not Available

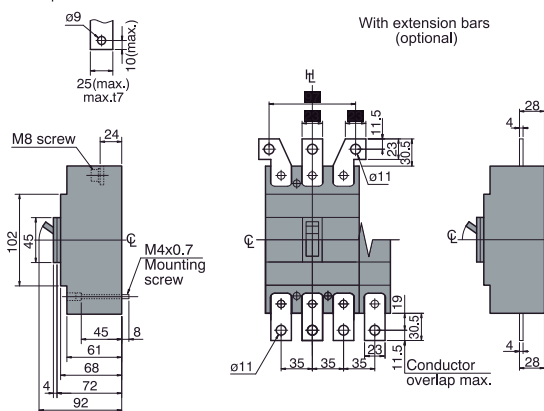
DATA SHEET: TEMBREAK 2 S250- NJ

Outline Dimensions S250-NJ

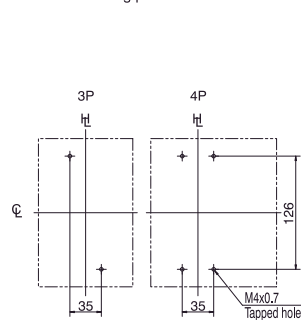
Front connected



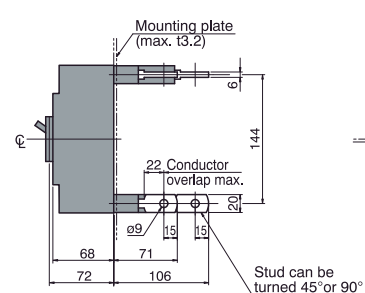
Preparation of conductor



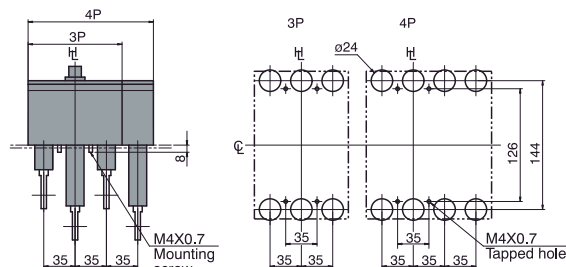
Drilling plan



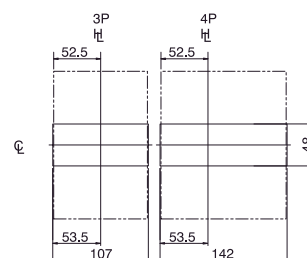
Rear connected



Drilling plan

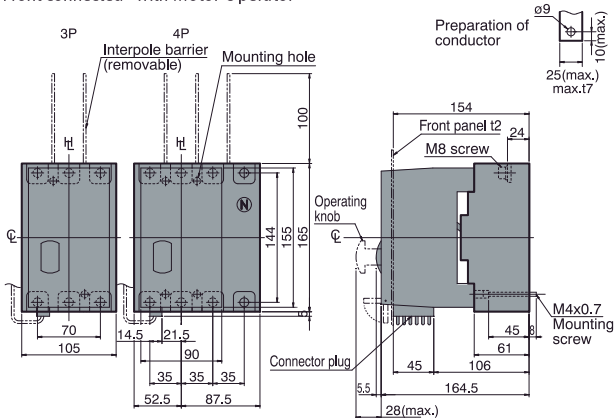


Panel cutout
(Front view)

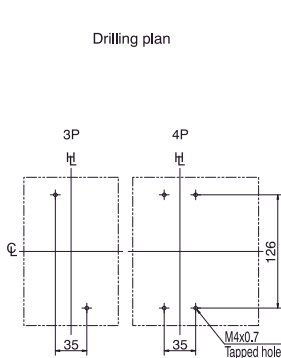


Panel cutout dimensions shown give an allowance of 1.0mm or more around the handle escutcheon.

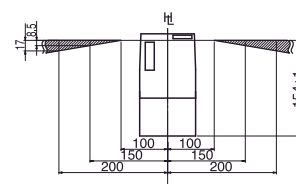
Front connected with Motor Operator



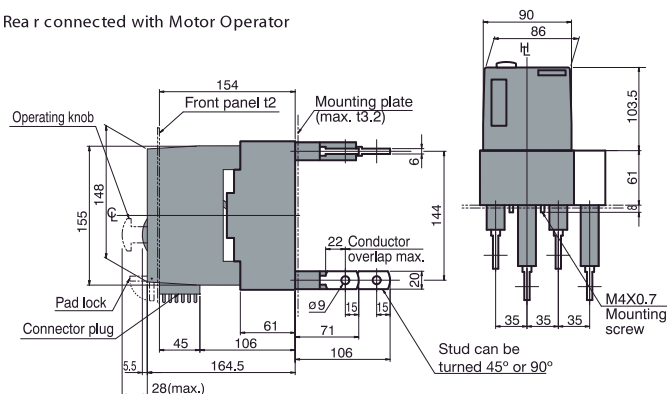
Drilling plan



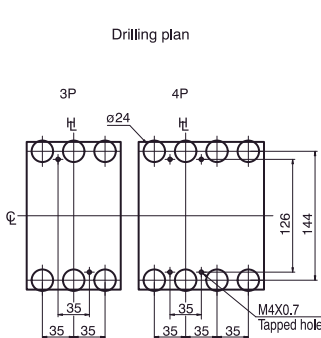
Panel hinge position (hatching area)
bottom view



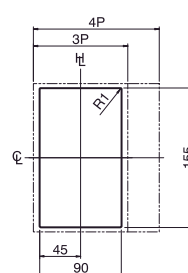
Rea r connected with Motor Operator



Drilling plan



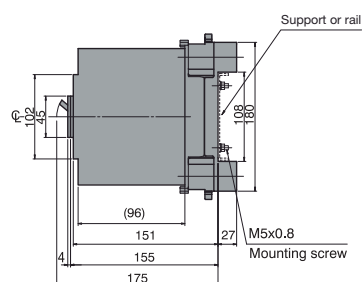
Panel cutout
(Front view)



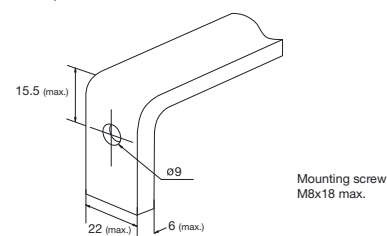
Panel cutout dimensions shown give an allowance of 1.5mm around the handle escutcheon.

Outline Dimensions: S250-NJ, Plug-in Version

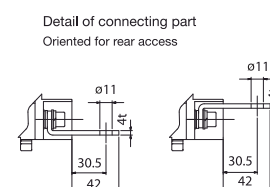
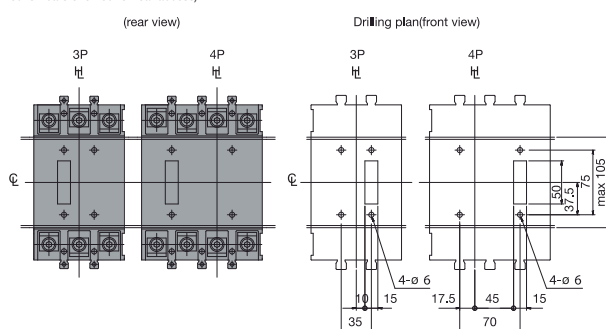
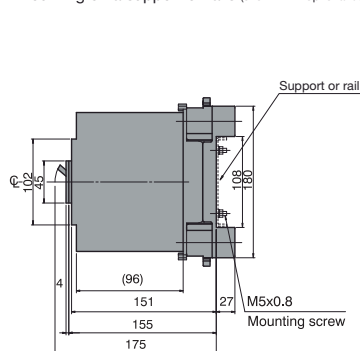
ASL: Arrangement Standard Line H₁: Handle Frame Centre Line



Preparation of conductor

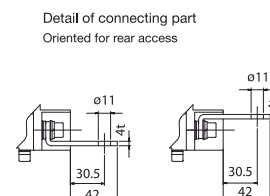
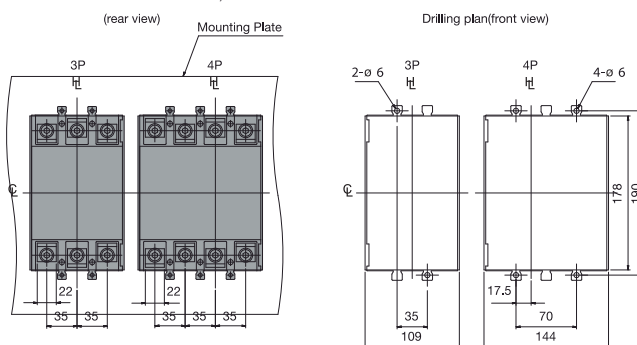
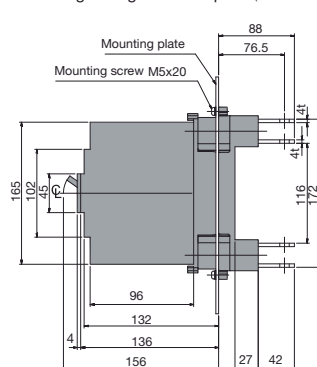


Mounting on a support or rails (shown with optional connection bars oriented for rear access)



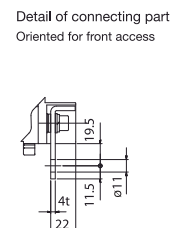
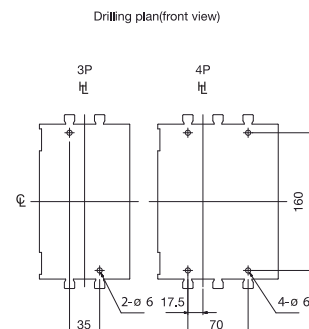
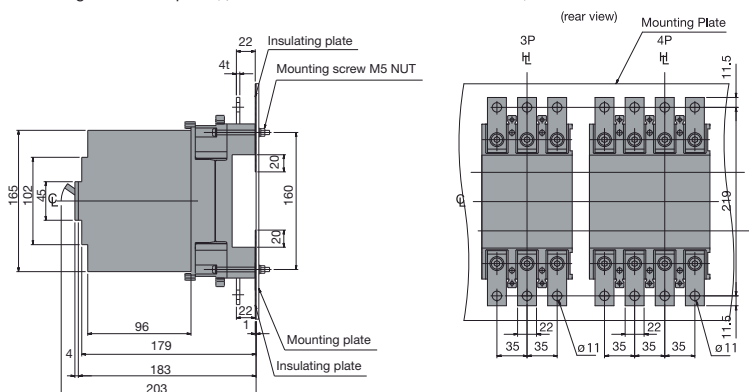
Terminal bars should be connected alternately on adjacent poles.

Mounting through the backplate (shown with optional connection bars oriented for rear access)



Terminal bars should be connected alternately on adjacent poles.

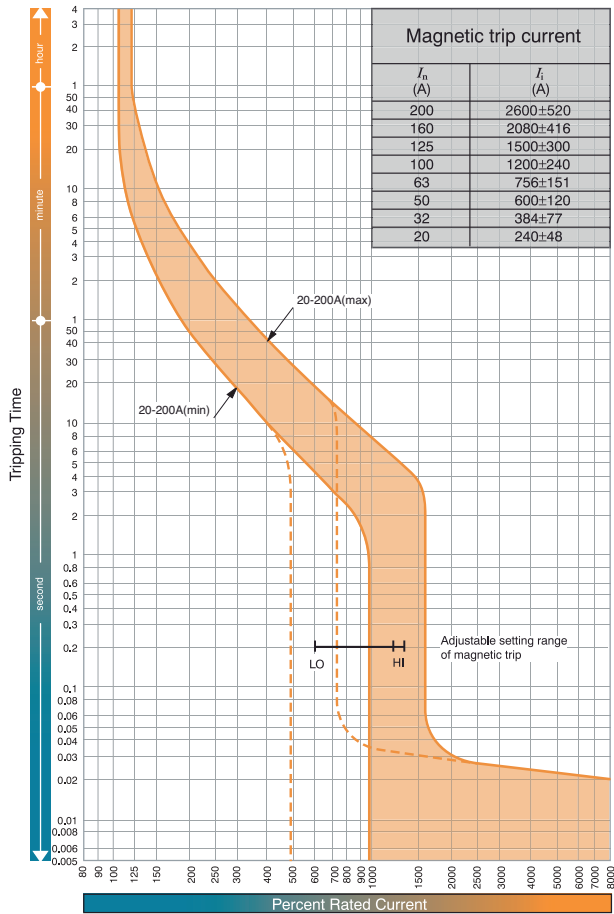
Mounting on the backplate (optional connection bars must be oriented for front access)



DATA SHEET: TEMBREAK 2 S250-NJ MCCB

Time/Current Characteristic Curves

S250-NJ, (20A to 200A)



Time/Current Characteristic Curves

S250-NJ, (250A)

