

DATA SHEET: TEMBREAK 2 E250-SCF MCCB

Código Larce: 0403001220

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

Frame Reference	Quantity	Unit	Condition	TB2 Lite 250
Max In (A) of Frame				250
Model				E250
Number of Poles				3, 4
Type				SCF
Nominal current ratings				
	In	(A)	50°C	125,150,175 200,225, 250
Electrical characteristics				
Rated operational voltage	U _e	(V)	AC 50/60 Hz DC	525 250
Rated insulation voltage	U _i	(V)		690
Rated impulse 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	- 6 10 16 25 13
Service breaking capacity (IEC, JIS, AS/NZS)	I _{cs}	(kA)	690V AC 525V AC 440V AC 400/415V AC 220/240V AC 250V DC	- 3 5 8 13 7
Rated breaking capacity (NEMA)		(kA)	480V AC 240VAC	6 25
Protection				
Fixed thermal, fixed magnetic				■
Adjustable thermal, adjustable magnetic				-
Utilisation category				A
Installation				
Front connection (FC)				■
Extension bar (FB)				●
Cable clamp (FW)				●
Rear connection (RC)				●
Plug-in (PM)				-
DIN rail mounting (DA)				-
Dimensions	height width	(mm) (mm)	3 pole 4 pole	165 105 140
Weight	depth weight	(mm) (kg)	3 pole 4 pole	68 1.5 1.9
Operation				
Direct Opening Action				■
Toggle operation				■
Door mounted (HS) / Breaker mounted handle (HB)				●
Motor operation				●
Endurance	Electrical Mechanical	cycles cycles	415V AC	6,000 18,000

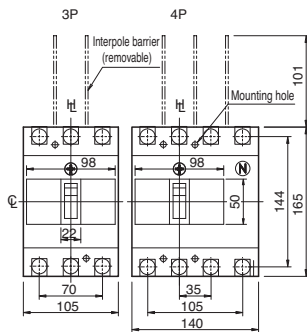
■ Standard ● Optional - Not Available

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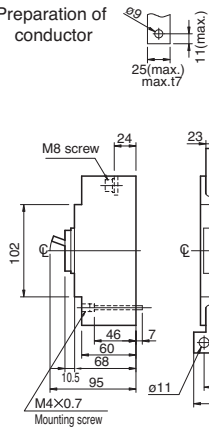
Outline Dimensions E250-SCF

ASL: Arrangement Standard Line H: Handle Frame Centre Line C: Handle Centre Line

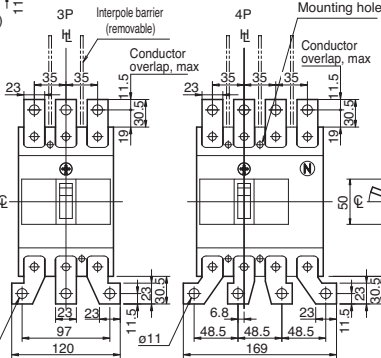
Front connected



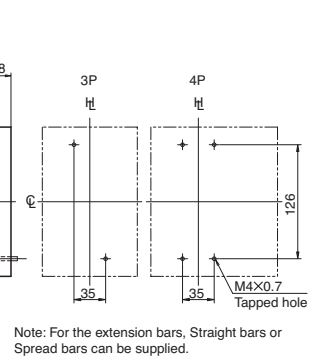
Preparation of conductor



With extension bars (optional)

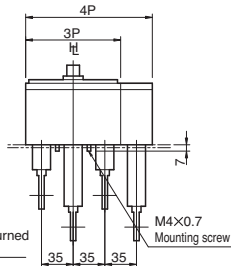
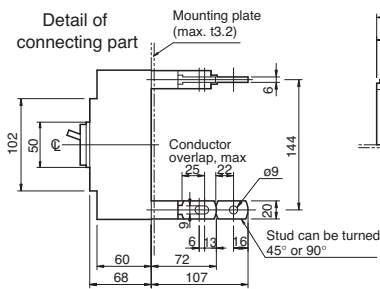


Drilling plan (front view)

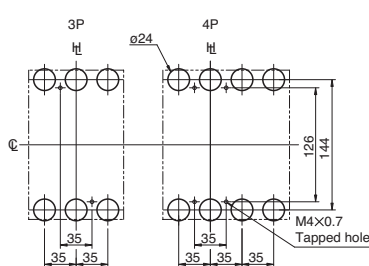


Rear connected

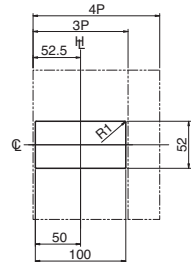
Detail of connecting part



Drilling plan (front view)



Panel cutout (front view)



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

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Time/Current Characteristic Curves E250-SCF

