

DATA SHEET: TEMBREAK 2 E250-SJ MCCB

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				SJ
Nominal current ratings	I_n	(A)	50°C	100,125, 160,200 250
Electrical characteristics				
Rated operational voltage	U_e	(V)	AC 50/60 Hz DC	525 250
Rated insulation voltage	U_i	(V)		800
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	- 7.5 15 25 35 15
Service breaking capacity (IEC, JIS, AS/NZS)	I_{cs}	(kA)	690V AC 525V AC 440V AC 400/415V AC 220/240V AC 250V DC	- 6 12 19 27 12
Rated breaking capacity (NEMA)		(kA)	480V AC 240VAC	10 35
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

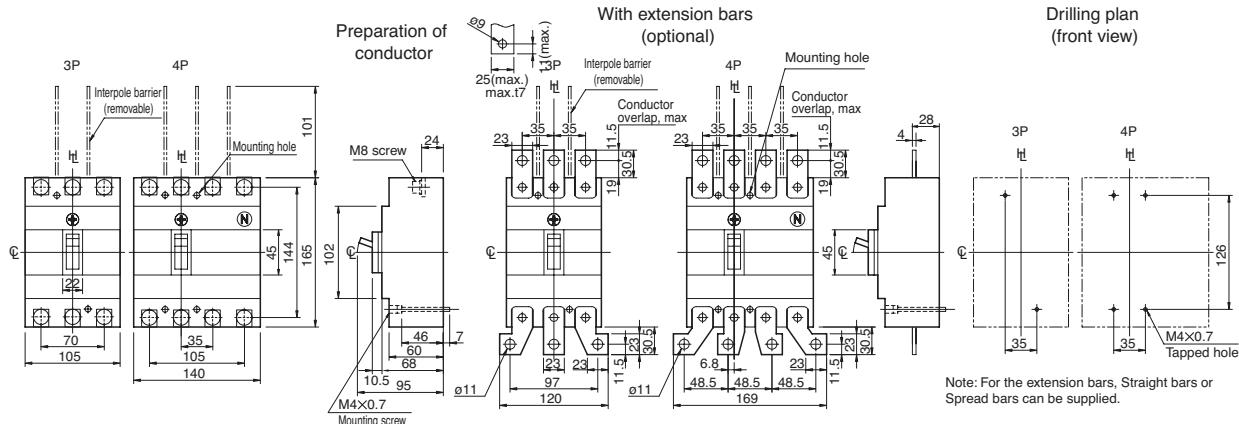
■ Standard • Optional - Not Available

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Outline Dimensions E250-SJ

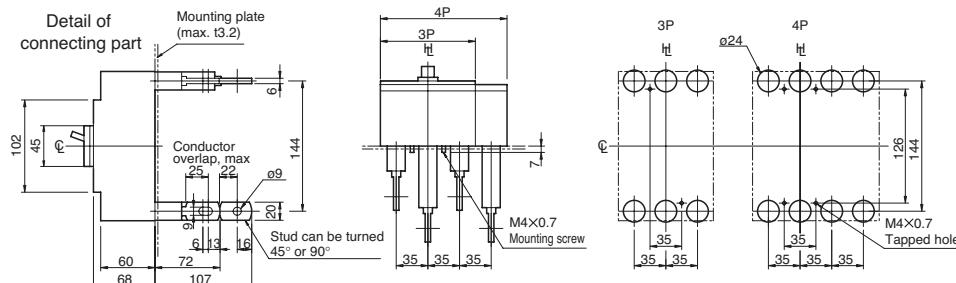
ASL: Arrangement Standard Line H : Handle Frame Centre Line

Front connected

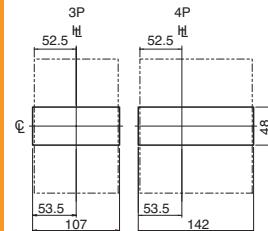


Note: For the extension bars, Straight bars or Spread bars can be supplied.

Rear connected



Panel cutout (front view)

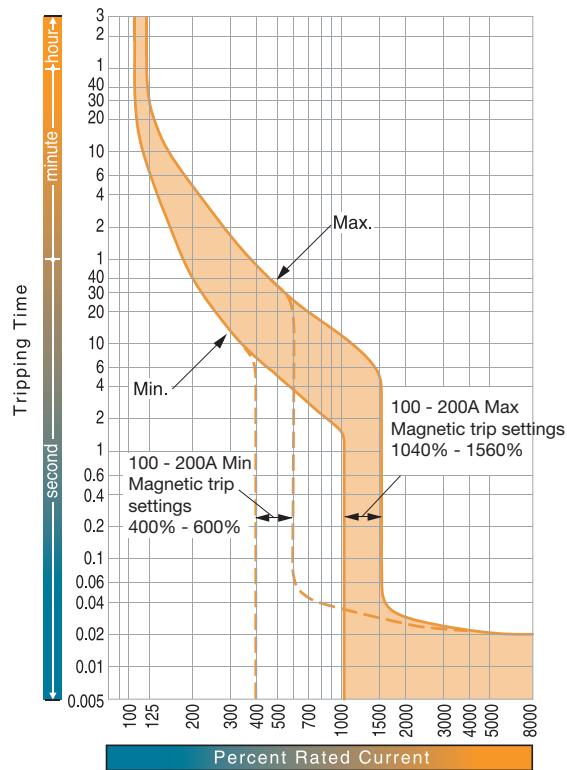


Panel cutout dimensions shown give an allowance of 1.0mm around the handle escutcheon.

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Time/Current Characteristic Curves

E250-SJ (100 ~ 200A)



Time/Current Characteristic Curves

E250-SJ (250A)

