

DATA SHEET: TEMBREAK 2 S400-CJ MCCB

Código Larce: 0403007005

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 E/S 630
Max In (A) of Frame				630
Model				S400
Number of Poles				3, 4
Type				CJ
Nominal current ratings				
	I_n	(A)	50°C	250 400
Electrical characteristics				
Rated operational voltage	U_e	(V)	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	15 22 30 36 50 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	15 22 30 36 50 40
Rated breaking capacity (NEMA)		(kA)	480V AC 240V AC	22 50
Rated short-time withstand current	I_{aw}	(kA)	0.3 Seconds	-
Protection				
Adjustable thermal, adjustable magnetic				■
Fixed thermal, fixed magnetic				
Microprocessor				
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 depth	(mm) (mm) (mm)	3 pole 4 pole	260 140 185
Weight	weight	(kg)	3 pole 4 pole	103 4.3 5.6
Operation				
Direct Opening Action				■
Toggle operation				■
Door mounted (HS) / Breaker mounted handle (HB)				•
Motor operation (MC)				•
Endurance	Electrical Mechanical	cycles cycles	415V AC	4,500 15,000

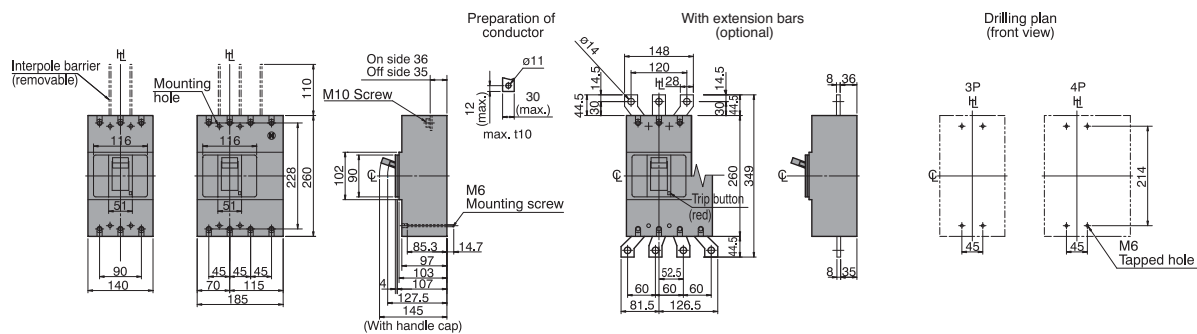
■ Standard • Optional - Not Available

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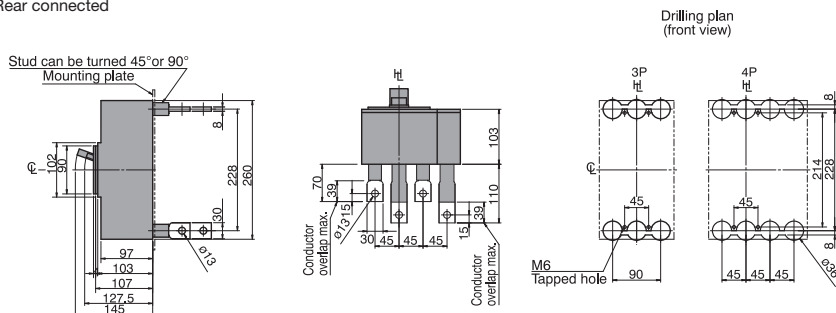
Outline Dimensions S400-CJ

ASL: Arrangement Standard Line H: Handle Frame Centre Line

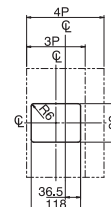
Front connected



Rear connected

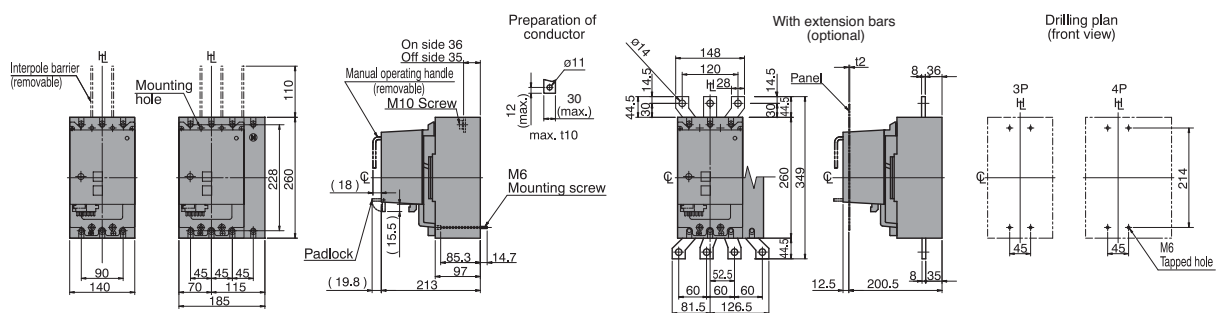


Panel cutout
(front view)

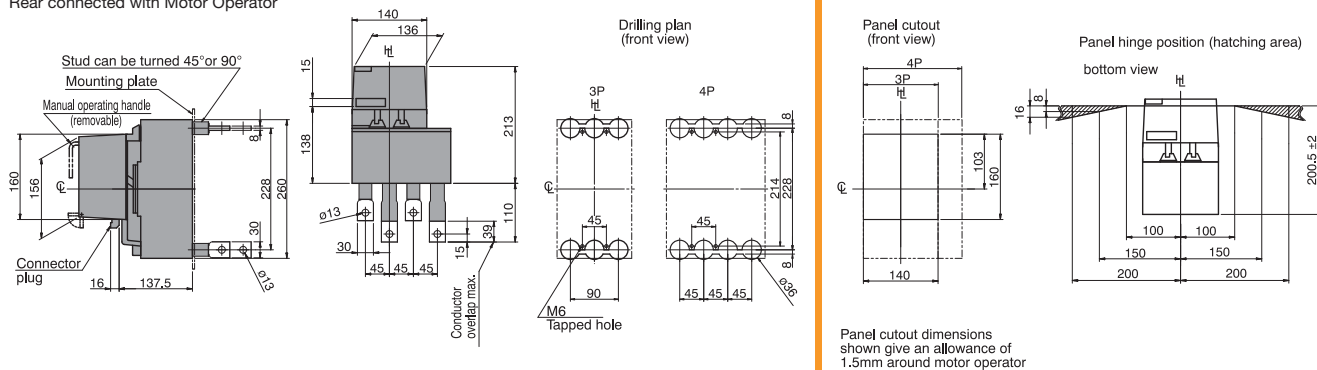


Panel cutout dimensions shown give an allowance of 1.0mm around the handle escutcheon.

Front connected with Motor Operator



Rear connected with Motor Operator



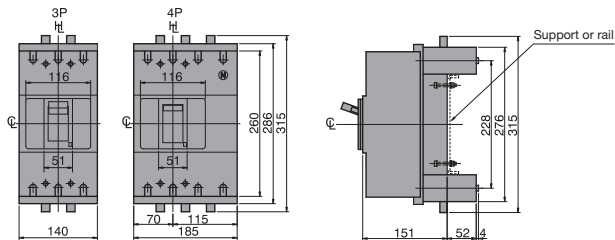
Panel cutout dimensions shown give an allowance of 1.5mm around motor operator

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Outline Dimensions S400-CJ Plug-in Version

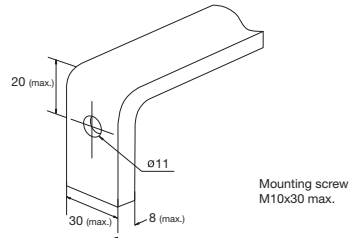
ASL: Arrangement Standard Line Ht: Handle Frame Centre Line

Outline Dimensions

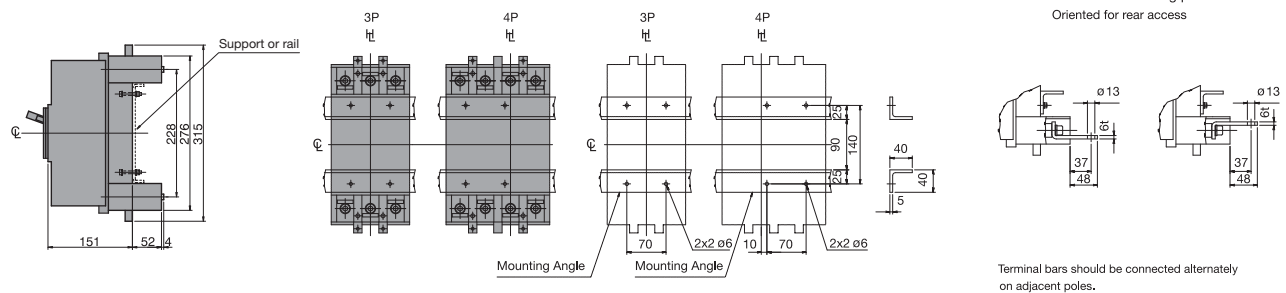


Termination of Busbar

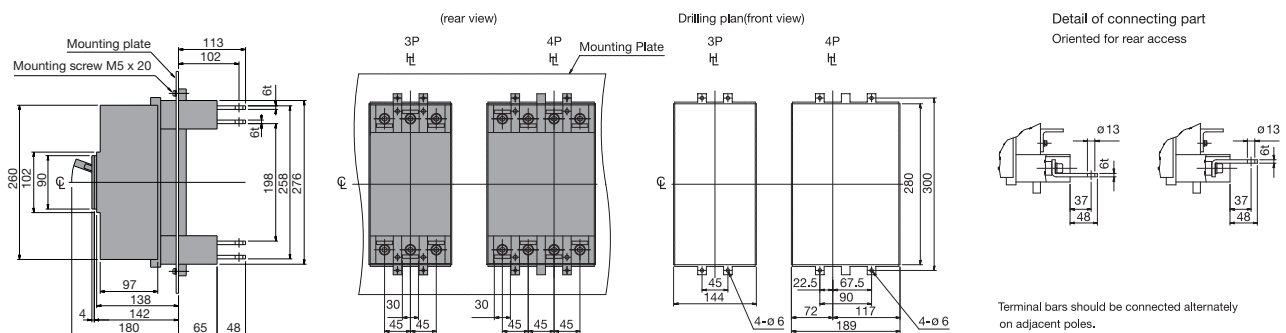
Preparation of conductor



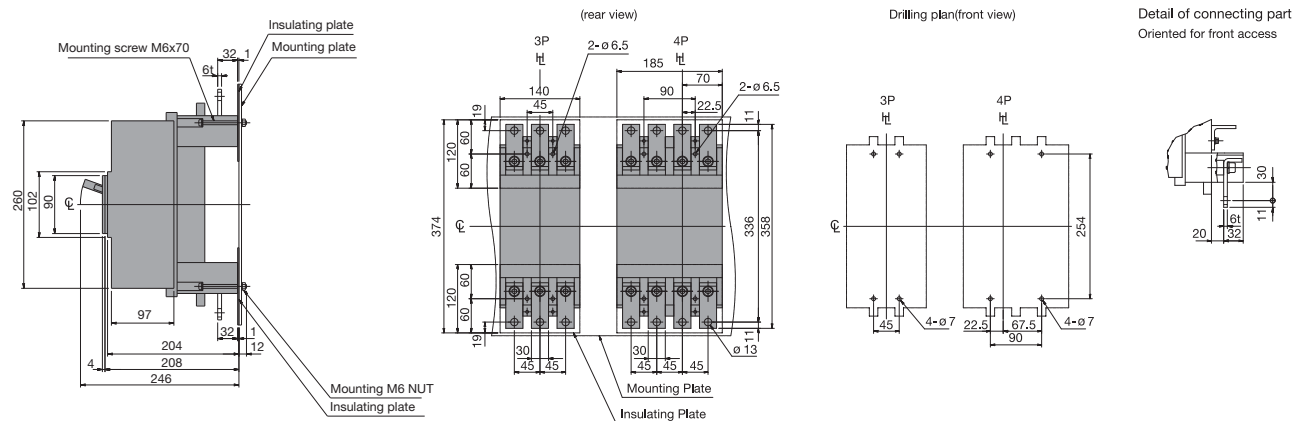
Mounting on a support or rails (shown with optional connection bars oriented for rear access)



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



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



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Time/Current Characteristic Curve S400-CJ

