

DATA SHEET: TEMBREAK 2 S160-NF MCCB

S160-NF(1P)

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	Quantity	Unit	Condition	160
Model Number of Poles Type				S160 1 NF
Nominal current ratings				
	I_n	(A)	50°C	16,20,25, 32,40,50, 63, 80, 100,125,160
Electrical characteristics				
Rated operational voltage	U_e	(V)	AC 50/60 Hz DC	415 125
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	- - - - 25 -
Service breaking capacity (IEC, JIS, AS/NZS)	I_{cs}	(kA)	690V AC 525V AC 440V AC 400/415V AC 220/240V AC 250V DC	- - - - 19 -
Rated breaking capacity (NEMA)		(kA)	480V AC 240VAC	- 25
Protection				
Adjustable thermal, adjustable magnetic Fixed thermal, fixed magnetic Microprocessor Utilisation category				■ A
Installation				
Front connection (FC) Attached terminal bar (FB) Solderless terminal (cable clamp) (FW) Rear connection (RC) Plug-in (PM) Draw- out (DR) DIN rail mounting (DA) Dimensions	h w d W	(mm) (mm) (mm) (kg)	(1 pole)	■ • • - - - - 165 (35) 68 (0.5)
Weight				
Operation				
Direct Opening Action Toggle operation Door mounted (HP) / breaker mounted handle (HB) Motor operation (MC)				■ ■ - -
Endurance	Electrical Mechanical	cycles cycles	440V AC	20,000 30,000

■ Standard • Optional - Not Available

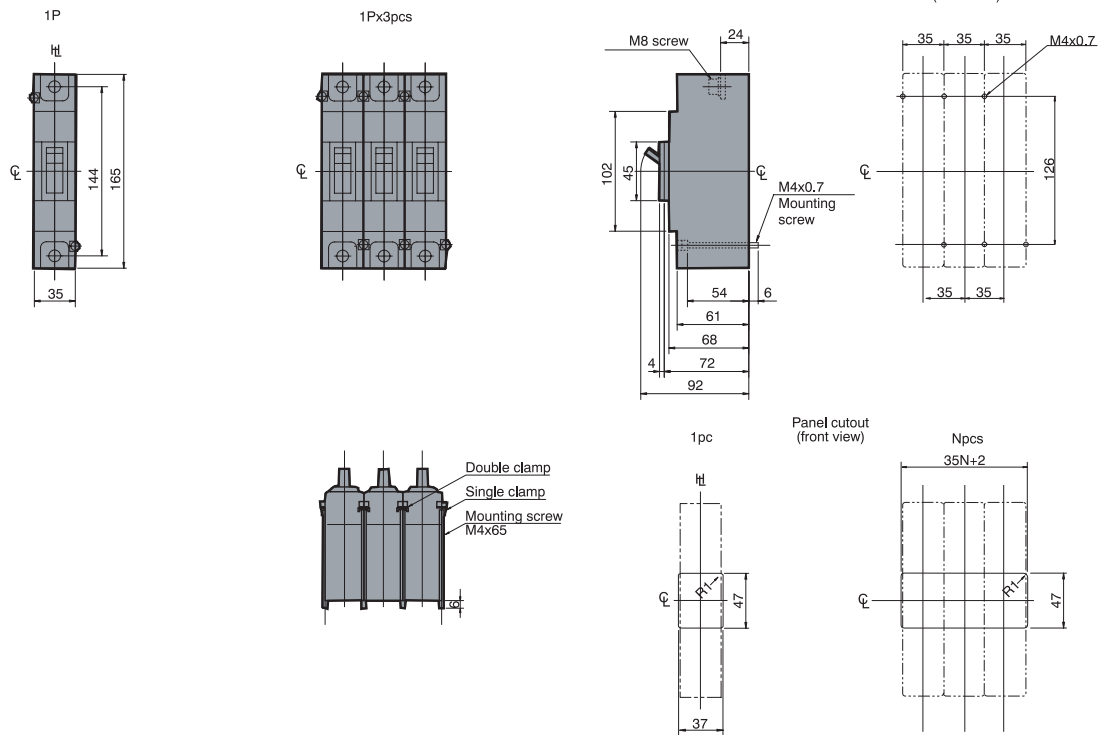
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DIMENSIONS

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ASL: Arrangement Standard Line H_L : Handle Frame Centre Line

S160-NF Front connected



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Time/current characteristic curve

S160-NF (Single Pole)

