



Código Larce 3P: 0403003013 0403003014 0403003015 0403003016 0403003017 0403003018

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 S125
Max In (A) of Frame				125
Model Number of Poles Type				S125 3, 4 GJ
Nominal current ratings				
	In	(A)	50 <sup>0</sup> C	20, 32, 50 63, 100 125
Electrical characteristics				
Rated operational voltage	Ue	(A)	AC 50/60 Hz DC	690 250
Rated insulation voltage Rated impulse withstand voltage	Ui Uimp	(V) (kV)		800 8
Ultimate breaking capacity (IEC, JIS, AS/NZS)	lcu	(kA)	690V AC 525V AC 440V AC 400/415V AC 220/240V AC 250V DC	6 25 50 65 85 40
Service breaking capacity (IEC, JIS, AS/NZS)	lcs	(kA)	690V AC 525V AC 440V AC 400/415V AC 220/240V AC 250V DC	6 22 25 36/33 85 40
Rated breaking capacity (NEMA)		(kA)	480V AC 240V AC	25 85
Protection				
Adjustable thermal, adjustable magnetic Fixed thermal, fixed magnetic Microprocessor Utilisation category				A
Installation				
Front connection (FC) Extension bar (FB) Cable clamp (FW) Rear connecton (RC) Plug-in (PM) Din rail mounting (DA) Dimensions	height width depth weight	(mm) (mm) (kg)	3 pole, (1 pole) 4 pole 3 pole, (1 pole) 4 pole	• • • • 155 90 120 68 1.1 1.4
Operation				
Direct Opening Action Toggle operation Door mounted (HS) / breaker mounted handle (HB) Motor operation (MC)				•
Endurance	Electrical Mechanical	cycles cycles	415V AC	30,000 30,000

Standard Optional - Not Available

**FERASAKI** 



# DATA SHEET: TEMBREAK 2 S125-GJ MCCB

#### **Outline Dimensions S125-GJ**

ASL: Arrangement Standard Line H: Handle Frame Centre Line





## DATA SHEET: TEMBREAK 2 S125-GJ MCCB

#### **Outline Dimensions S125-GJ Plug in Version**

ASL: Arrangement Standard Line HL: Handle Frame Centre Line



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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Note that the insulation plate (supplied as standard) must be fitted between the base and the backplate.



### DATA SHEET: TEMBREAK 2 S125-GJ MCCB

### Time/Current Characteristic Curves

S125-GJ (20A to 100A)



### Time/Current Characteristic Curves S125-GJ (125A)



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