


## DATA SHEET: TEMBREAK 2 ZS250-GJ MCCB WITH INTEGRAL RESIDUAL CURRENT PROTECTION (CBR)

MCCB Electrical Characteristics to IEC 60947-1, IEC 60947-2, EN 60947-2 ANNEX B, IEC 60755

Frame Reference	Quantity	Unit	Condition	TB2 S250
Maximum In (A) of Frame				250
Model				ZS250
Number of Poles				3,4
Type				GJ
Nominal current ratings				
	$I_n$	(A)	50°C	160,250
Electrical characteristics				
Rated operational voltage	$U_e$	(V)	AC 50/60 Hz	525
Rated insulation voltage	$U_i$	(V)		525
Rated impulse voltage	$U_{imp}$	(kV)		8
Ultimate breaking capacity (IEC, JIS,AS/NZS)	$I_{cu}$	(kA)	525V AC 440V AC 400/415V AC 220/240V AC	25 50 65 85
Service breaking capacity (IEC, JIS,AS/NZS)	$I_{cu}$	(kA)	525V AC 440V AC 400/415V AC 220/240V AC	25 25 36 85
Energy withstand (EN 61008)	$I^2 t$	(kA <sup>2</sup> s)		>22.5
Peak current withstand (EN 61008)	$I_{peak}$	(kA)		> 3.3
Protection				
Adjustable thermal, fixed magnetic Residual current protection, Type A 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
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 Residual Current Monitor and Remote Trip Module				■ ■ • • •
Endurance	Electrical Mechanical	cycles cycles	415V AC	10,000 10,000

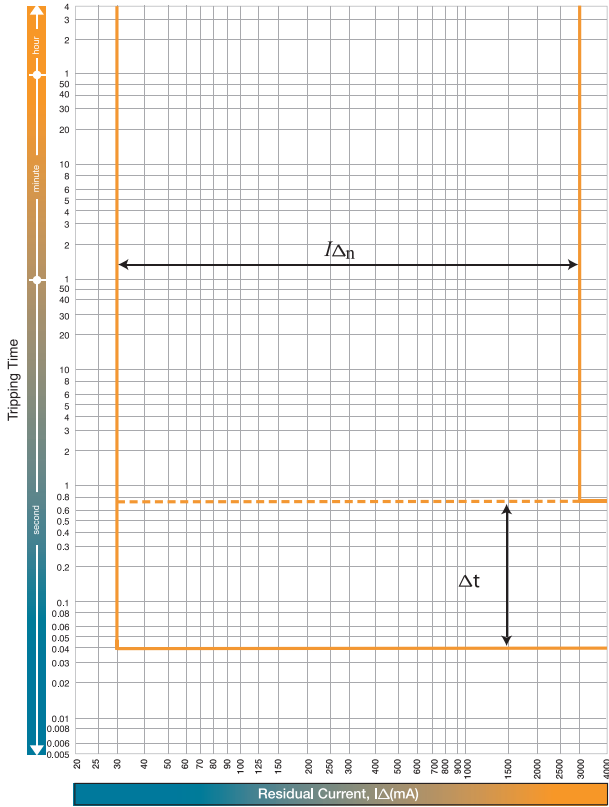
■ Standard    • Optional    - Not Available



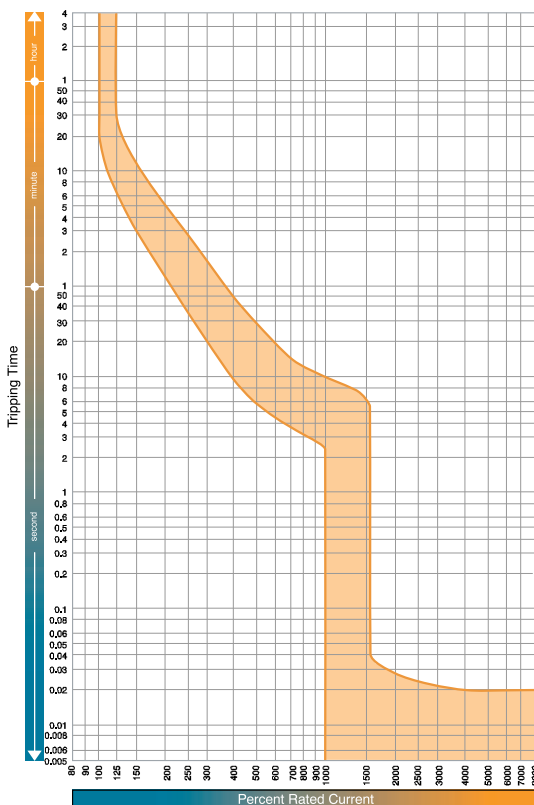
# DATA SHEET: TEMBREAK 2 ZS250-GJ MCCB WITH INTEGRAL RESIDUAL CURRENT PROTECTION (CBR)

## Time/Current Characteristic Curves

ZS250-GJ



## Time/Current Characteristic Curves ZS250-GJ, 160A



## Time/Current Characteristic Curves ZS250-GJ, 250A

