MG75P12E2

RoHS COMPLIANT

IGBT Modules

VCES

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Applications

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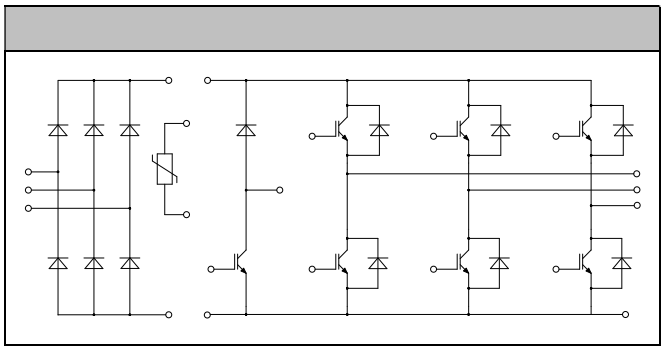

Features

-
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- ℃

IGBT- inverter

Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit
		℃		
		℃, T = ℃		
		℃	±	
		℃ ℃		

IGBT- inverter

Characteristic values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	
		℃				
		℃				
		℃				
		℃				
		℃				
		℃				
		℃				
		℃				
		℃				

Diode-inverter

Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit
		℃		
		℃		
		℃		

Characteristic values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	
		℃				
		℃				
		℃				
		℃				
		℃				

IGBT-brake-chopper

Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit
		℃		
		℃, T = ℃		
		℃	±	
		℃ ℃		

Characteristic values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	
		℃				
		℃				
		℃				
		℃				
		℃				
		℃				
		℃				
		℃				

		℃				
		℃				

Diode-Brake-Chopper

Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit
		℃		
		℃		
		℃		

Characteristic values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	
		℃				
		℃				
		℃				
		℃				
		℃				

Diode-Rectifier

Absolute Maximum Ratings

Parameter	Symbol	Conditions	Value	Unit
		℃		
		℃		
		℃		
		℃		
		℃		

Characteristic values

Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	
		℃				
		℃				

NTC-Thermistor

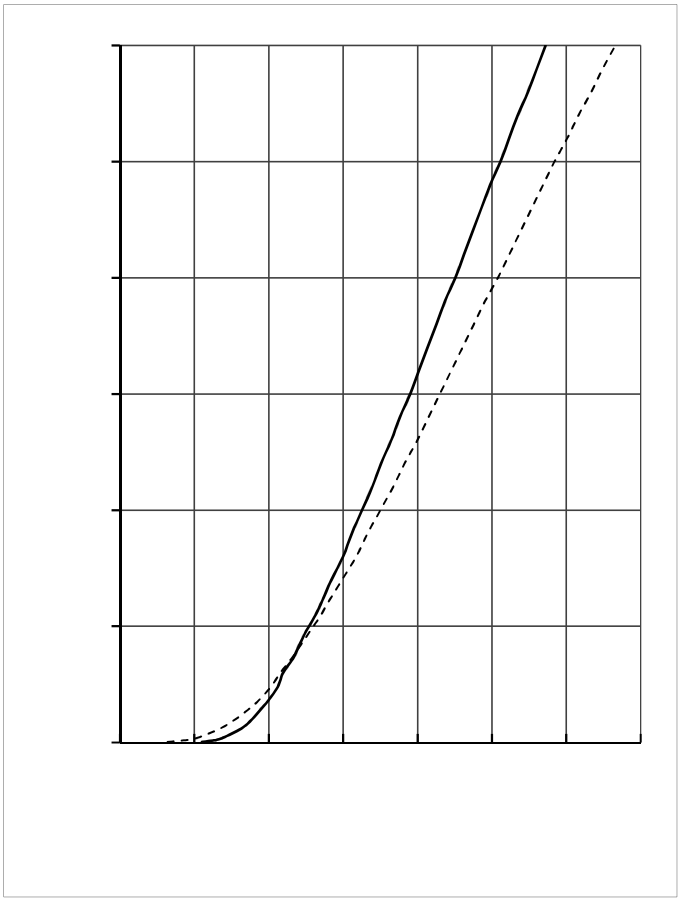
Characteristic values

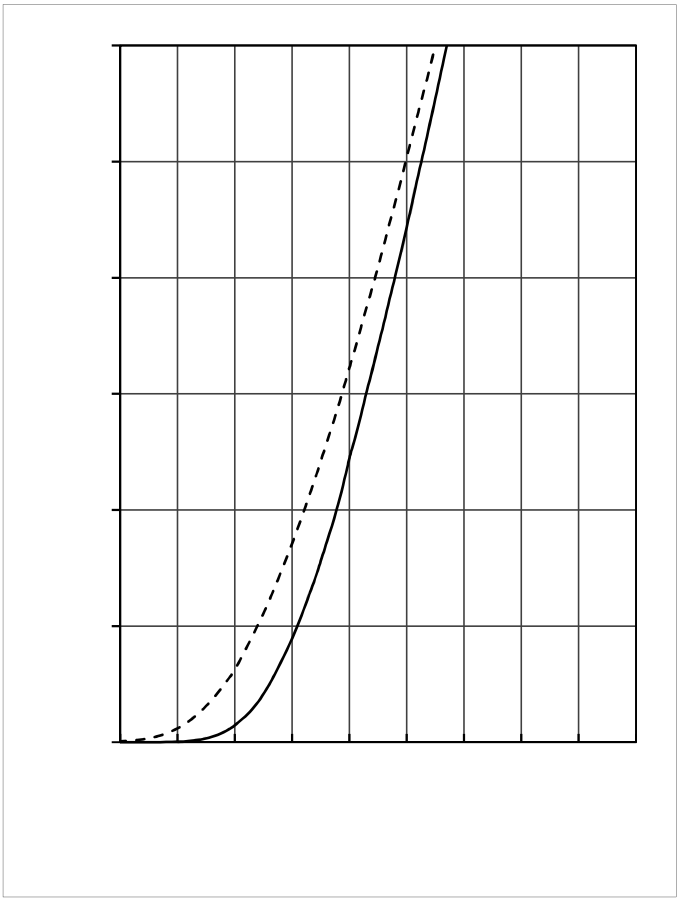
Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	
						Ω
		Ω				

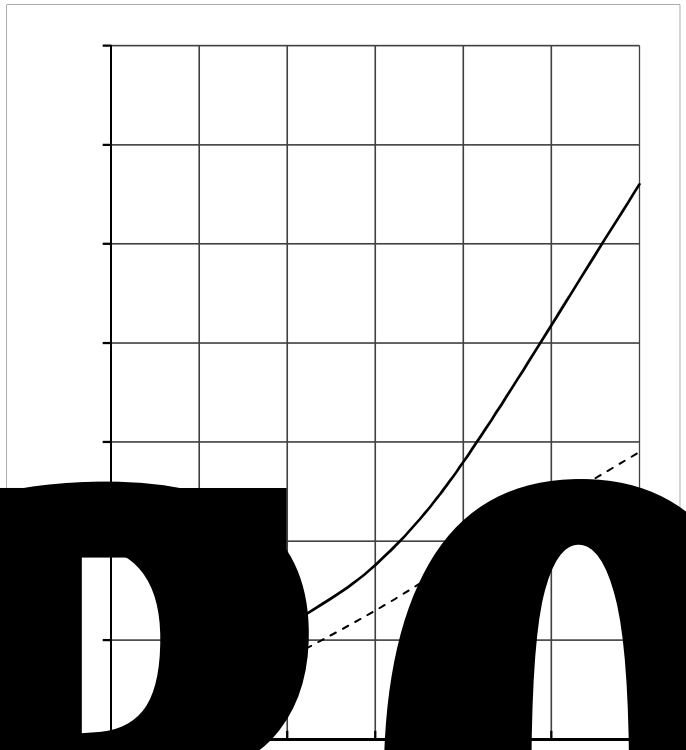
Module Characteristics

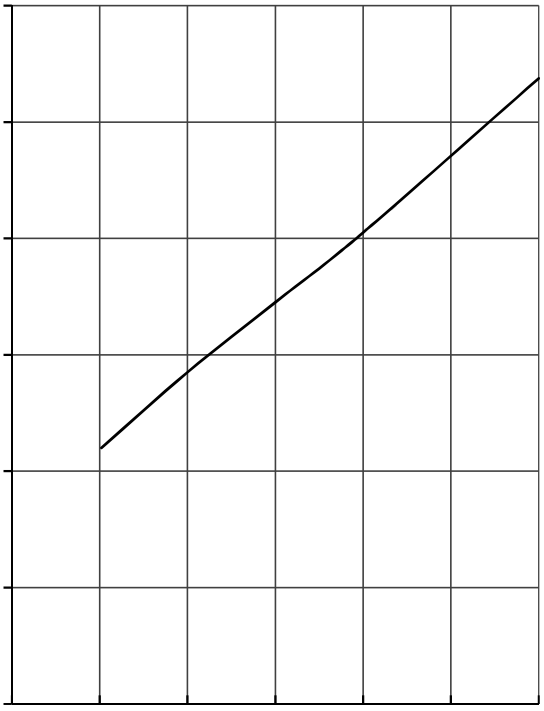
T_C=25°C unless otherwise specified

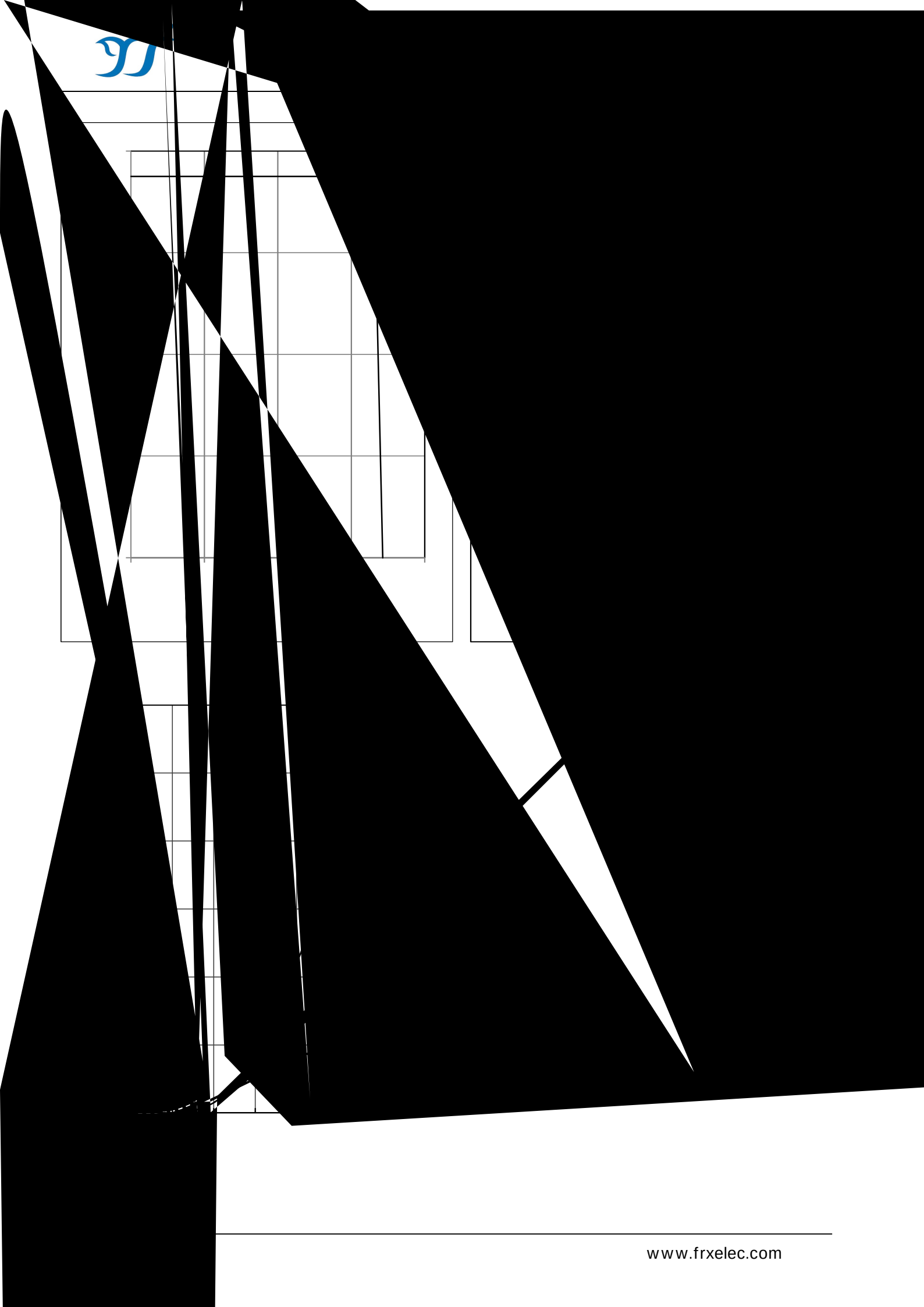
Parameter	Symbol	Conditions	Value			Unit
			Min.	Typ.	Max.	
						℃
						℃
						℃
						nH
		℃				mΩ
	θ					
	θ					

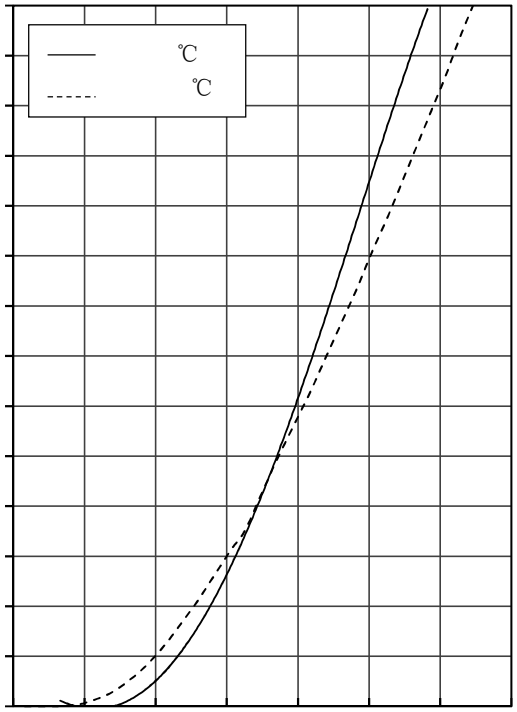












Circuit Diagram