

Product No: TF96-68

ABB TF96-68 THERMAL OVERLOAD RELAY 57 ... 68 A TF96-68

FEATURES

- Economic electromechanical protection device for the main circuit
- Reliable and fast protection for motors in the event of overload or phase failure
- Trip class 10 device
- Temperature compensation
- Automatic or manual reset selectable
- STOP function and a trip indication



General Information	
Brand	ABB
Product Type	Thermal Overload Relay
Suitable For	AF80, AF96

Auxiliary Contacts Current Setting Range (A) Main Circuit Electrical Connection Screw Connection Maximum Operational Voltage AC (V) No. of Auxiliary Change-over Contacts No. of Normally-closed Auxiliary Contacts No. of Normally-open Auxiliary Contacts 1 No. of Poles 3 Power Loss (W) Rated Frequency (Hz) Rated Impulse Withstand Voltage (kV) Rated Operational Voltage (V) Release Class Class 10	Technical Attributes	
Main Circuit Electrical ConnectionScrew ConnectionMaximum Operational Voltage AC (V)690No. of Auxiliary Change-over Contacts1No. of Normally-closed Auxiliary Contacts1No. of Normally-open Auxiliary Contacts1No. of Poles3Power Loss (W)3.2/poleRated Frequency (Hz)50/60Rated Impulse Withstand Voltage (kV)8Rated Insulation Voltage (V)690Rated Operational Voltage AC (V)690	Auxiliary Contacts	1NO/1NC
Maximum Operational Voltage AC (V) No. of Auxiliary Change-over Contacts 1 No. of Normally-closed Auxiliary Contacts 1 No. of Normally-open Auxiliary Contacts 1 No. of Poles 3 Power Loss (W) 3.2/pole Rated Frequency (Hz) Rated Impulse Withstand Voltage (kV) Rated Insulation Voltage (V) Rated Operational Voltage AC (V) 690	Current Setting Range (A)	57
No. of Auxiliary Change-over Contacts1No. of Normally-closed Auxiliary Contacts1No. of Normally-open Auxiliary Contacts1No. of Poles3Power Loss (W)3.2/poleRated Frequency (Hz)50/60Rated Impulse Withstand Voltage (kV)8Rated Insulation Voltage (V)690Rated Operational Voltage AC (V)690	Main Circuit Electrical Connection	Screw Connection
No. of Normally-closed Auxiliary Contacts1No. of Normally-open Auxiliary Contacts1No. of Poles3Power Loss (W)3.2/poleRated Frequency (Hz)50/60Rated Impulse Withstand Voltage (kV)8Rated Insulation Voltage (V)690Rated Operational Voltage AC (V)690	Maximum Operational Voltage AC (V)	690
No. of Normally-open Auxiliary Contacts1No. of Poles3Power Loss (W)3.2/poleRated Frequency (Hz)50/60Rated Impulse Withstand Voltage (kV)8Rated Insulation Voltage (V)690Rated Operational Voltage AC (V)690	No. of Auxiliary Change-over Contacts	1
No. of Poles3Power Loss (W)3.2/poleRated Frequency (Hz)50/60Rated Impulse Withstand Voltage (kV)8Rated Insulation Voltage (V)690Rated Operational Voltage AC (V)690	No. of Normally-closed Auxiliary Contacts	1
Power Loss (W) Rated Frequency (Hz) Sol/60 Rated Impulse Withstand Voltage (kV) Rated Insulation Voltage (V) Rated Operational Voltage AC (V) 690	No. of Normally-open Auxiliary Contacts	1
Rated Frequency (Hz) 50/60 Rated Impulse Withstand Voltage (kV) 8 Rated Insulation Voltage (V) 690 Rated Operational Voltage AC (V) 690	No. of Poles	3
Rated Impulse Withstand Voltage (kV) 8 Rated Insulation Voltage (V) 690 Rated Operational Voltage AC (V) 690	Power Loss (W)	3.2/pole
Rated Insulation Voltage (V) 690 Rated Operational Voltage AC (V) 690	Rated Frequency (Hz)	50/60
Rated Operational Voltage AC (V) 690	Rated Impulse Withstand Voltage (kV)	8
	Rated Insulation Voltage (V)	690
Release Class Class 10	Rated Operational Voltage AC (V)	690
	Release Class	Class 10
Reset Function Automatic	Reset Function	Automatic
Short-Circuit Protective Device 160A, fuse type gG	Short-Circuit Protective Device	160A, fuse type gG

Pollution Degree



Physical Attributes	
Mounting Type	Direct Attachment
Dimensions	
Dimensions (mm)	69.9W x 106.9H x 106.3D
Protection & Standards	
Degree of Protection	IP10 (Main Terminals), IP20 (Housing)

Resources	
Product catalogue (Flipbook)	Download from here

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