

Product No: EF65-56

ABB EF65-56 ELECTRONIC OVERLOAD RELAY 20 ... 56 A EF65-56

FEATURES

- Operates without external power, ensuring selfsupplied electronic overload protection
- High accuracy and a wide setting range for precise and adaptable protection
- User-friendly design
- Trip indication, temperature compensation, STOP and Test functions, trip-free mechanism



General Information	
Brand	ABB
Product Type	Electronic Overload Relay
Suitable For	AF40 - AF65

Auxiliary ContactsINO/INCCurrent Setting Range (A)20Main Circuit Electrical ConnectionScrew ConnectionNo. of Normally-closed Auxiliary Contacts1No. of Normally-open Auxiliary Contacts1No. of Poles3Power Loss (W)0.036/poleRated Frequency (Hz)50/60Rated Impulse Withstand Voltage (kV)8Rated Insulation Voltage (V)1000Rated Operational Voltage AC (V)1000Release ClassAdjustableReset FunctionAutomaticShort-Circuit Protective Device160A, fuse type gGThermal Current Setting Range (A)20 - 56Trip Class10E, 20E, 30E	Technical Attributes	
Main Circuit Electrical ConnectionScrew ConnectionNo. of Normally-closed Auxiliary Contacts1No. of Normally-open Auxiliary Contacts1No. of Poles3Power Loss (W)0.036/poleRated Frequency (Hz)50/60Rated Impulse Withstand Voltage (kV)8Rated Operational Voltage (V)1000Rated Operational Voltage AC (V)1000Release ClassAdjustableReset FunctionAutomaticShort-Circuit Protective Device160A, fuse type gGThermal Current Setting Range (A)20 - 56	Auxiliary Contacts	INO/INC
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No. of Normally-open Auxiliary Contacts1No. of Poles3Power Loss (W)0.036/poleRated Frequency (Hz)50/60Rated Impulse Withstand Voltage (kV)8Rated Insulation Voltage (V)1000Rated Operational Voltage AC (V)1000Release ClassAdjustableReset FunctionAutomaticShort-Circuit Protective Device160A, fuse type gGThermal Current Setting Range (A)20 - 56	Main Circuit Electrical Connection	Screw Connection
No. of Poles3Power Loss (W)0.036/poleRated Frequency (Hz)50/60Rated Impulse Withstand Voltage (kV)8Rated Insulation Voltage (V)1000Rated Operational Voltage AC (V)1000Release ClassAdjustableReset FunctionAutomaticShort-Circuit Protective Device160A, fuse type gGThermal Current Setting Range (A)20 - 56	No. of Normally-closed Auxiliary Contacts	1
Power Loss (W)0.036/poleRated Frequency (Hz)50/60Rated Impulse Withstand Voltage (kV)8Rated Insulation Voltage (V)1000Rated Operational Voltage AC (V)1000Release ClassAdjustableReset FunctionAutomaticShort-Circuit Protective Device160A, fuse type gGThermal Current Setting Range (A)20 - 56	No. of Normally-open Auxiliary Contacts	1
Rated Frequency (Hz)50/60Rated Impulse Withstand Voltage (kV)8Rated Insulation Voltage (V)1000Rated Operational Voltage AC (V)1000Release ClassAdjustableReset FunctionAutomaticShort-Circuit Protective Device160A, fuse type gGThermal Current Setting Range (A)20 - 56	No. of Poles	3
Rated Impulse Withstand Voltage (kV)8Rated Insulation Voltage (V)1000Rated Operational Voltage AC (V)1000Release ClassAdjustableReset FunctionAutomaticShort-Circuit Protective Device160A, fuse type gGThermal Current Setting Range (A)20 - 56	Power Loss (W)	0.036/pole
Rated Insulation Voltage (V)1000Rated Operational Voltage AC (V)1000Release ClassAdjustableReset FunctionAutomaticShort-Circuit Protective Device160A, fuse type gGThermal Current Setting Range (A)20 - 56	Rated Frequency (Hz)	50/60
Rated Operational Voltage AC (V)1000Release ClassAdjustableReset FunctionAutomaticShort-Circuit Protective Device160A, fuse type gGThermal Current Setting Range (A)20 - 56	Rated Impulse Withstand Voltage (kV)	8
Release ClassAdjustableReset FunctionAutomaticShort-Circuit Protective Device160A, fuse type gGThermal Current Setting Range (A)20 - 56	Rated Insulation Voltage (V)	1000
Reset FunctionAutomaticShort-Circuit Protective Device160A, fuse type gGThermal Current Setting Range (A)20 - 56	Rated Operational Voltage AC (V)	1000
Short-Circuit Protective Device160A, fuse type gGThermal Current Setting Range (A)20 - 56	Release Class	Adjustable
Thermal Current Setting Range (A) 20 - 56	Reset Function	Automatic
	Short-Circuit Protective Device	160A, fuse type gG
Trip Class 10E, 20E, 30E	Thermal Current Setting Range (A)	20 - 56
	Trip Class	10E, 20E, 30E



Physical Attributes	
Mounting Type	Direct Attachment
Dimensions	
Dimensions (mm)	70W x 131.2H x 105.2D
Protection & Standards	
Degree of Protection	IP10 (Main Terminals), IP20 (Housing)

Resources

Product catalogue (Flipbook)

Download from here