

Product No: NF62E13

ABB NF62E-13 100-250V50/60HZ-DC CONTACTOR RELAY NF62E13

FEATURES

- AF technology enables operation within a broad voltage spectrum
- Efficient built-in surge suppression
- Block type design easily extended with add-on auxiliary contacts
- Mechanically-linked auxiliary contacts compliant with IEC standards



General Information	
Brand	ABB
Product Type	NF Contactor Relay

Actuating Voltage Type Ac/DC Auxiliary Contacts Connection Type Screw Connection for Auxiliary Circuit No. of Normally-closed Auxiliary Contacts 2 No. of Normally-open Auxiliary Contacts 6 No. of Poles 8 Operating Voltage AC (V) 690 Rated Control Circuit Voltage AC (V) 100 - 250 Rated Control Supply Voltage AC (V) 100 - 250 Rated Control Supply Voltage AC (V) 100 - 250 Rated Impulse Withstand Voltage (kV) 6 Rated Impulse Withstand Voltage (kV) 6 Rated Operational Current (A) 3 Rated Operational Current AC-15 400V (A) Rated Supply Voltage AC (V) 100 Rated Supply Voltage AC (V) 100 Rated Supply Voltage AC (V) 100 Rated Operational Current AC-15 400V (A) Rated Operational Voltage AC (V) Screw Terminals	Technical Attributes	
Connection Type Screw Connection for Auxiliary Circuit No. of Normally-closed Auxiliary Contacts 2 No. of Normally-open Auxiliary Contacts 6 No. of Poles 8 Operating Voltage AC (V) Rated Control Circuit Voltage AC (V) Rated Control Circuit Voltage DC (V) Rated Control Supply Voltage AC (V) Rated Control Supply Voltage DC (V) Rated Impulse Withstand Voltage (kV) Rated Insulation Voltage (V) Rated Operational Current (A) Rated Operational Current AC-15 400V (A) Rated Operational Voltage AC (V) Rated Supply Voltage AC (V)	Actuating Voltage Type	AC/DC
No. of Normally-closed Auxiliary Contacts No. of Normally-open Auxiliary Contacts No. of Poles Operating Voltage AC (V) Rated Control Circuit Voltage AC (V) Rated Control Circuit Voltage DC (V) Rated Control Supply Voltage AC (V) Rated Control Supply Voltage AC (V) Rated Control Supply Voltage DC (V) Rated Control Supply Voltage DC (V) Rated Impulse Withstand Voltage (kV) Rated Insulation Voltage (V) Rated Operational Current (A) Rated Operational Current AC-15 400V (A) Rated Operational Voltage AC (V) Rated Supply Voltage AC (V) 100	Auxiliary Contacts	6NO+2NC
No. of Normally-open Auxiliary Contacts No. of Poles Soperating Voltage AC (V) Rated Control Circuit Voltage AC (V) Rated Control Circuit Voltage DC (V) Rated Control Supply Voltage AC (V) Rated Control Supply Voltage AC (V) Rated Control Supply Voltage AC (V) Rated Impulse Withstand Voltage (kV) Rated Impulse Withstand Voltage (kV) Rated Operational Current (A) Rated Operational Current AC-15 400V (A) Rated Operational Voltage AC (V) Rated Supply Voltage AC (V)	Connection Type	Screw Connection for Auxiliary Circuit
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Operating Voltage AC (V) Rated Control Circuit Voltage AC (V) Rated Control Circuit Voltage DC (V) Rated Control Supply Voltage AC (V) Rated Control Supply Voltage AC (V) Rated Control Supply Voltage DC (V) Rated Impulse Withstand Voltage (kV) Rated Insulation Voltage (V) Rated Operational Current (A) Rated Operational Current AC-15 400V (A) Rated Supply Voltage AC (V)	No. of Normally-open Auxiliary Contacts	6
Rated Control Circuit Voltage AC (V) Rated Control Circuit Voltage DC (V) Rated Control Supply Voltage AC (V) Rated Control Supply Voltage DC (V) Rated Control Supply Voltage DC (V) Rated Impulse Withstand Voltage (kV) Rated Insulation Voltage (V) Rated Operational Current (A) Rated Operational Current AC-15 400V (A) Rated Operational Voltage AC (V) Rated Supply Voltage AC (V)	No. of Poles	8
Rated Control Circuit Voltage DC (V) Rated Control Supply Voltage AC (V) Rated Control Supply Voltage DC (V) Rated Impulse Withstand Voltage (kV) Rated Insulation Voltage (V) Rated Operational Current (A) Rated Operational Current AC-15 400V (A) Rated Operational Voltage AC (V) Rated Supply Voltage AC (V) 100 100 100	Operating Voltage AC (V)	690
Rated Control Supply Voltage AC (V) Rated Control Supply Voltage DC (V) Rated Impulse Withstand Voltage (kV) Rated Insulation Voltage (V) Rated Operational Current (A) Rated Operational Current AC-15 400V (A) Rated Operational Voltage AC (V) Rated Supply Voltage AC (V) 100	Rated Control Circuit Voltage AC (V)	100 - 250
Rated Control Supply Voltage DC (V) Rated Impulse Withstand Voltage (kV) Rated Insulation Voltage (V) Rated Operational Current (A) Rated Operational Current AC-15 400V (A) Rated Operational Voltage AC (V) Rated Supply Voltage AC (V) 100	Rated Control Circuit Voltage DC (V)	100 - 250
Rated Impulse Withstand Voltage (kV) 6 Rated Insulation Voltage (V) 690 Rated Operational Current (A) 3 Rated Operational Current AC-15 400V (A) 3 Rated Operational Voltage AC (V) 690 Rated Supply Voltage AC (V) 100	Rated Control Supply Voltage AC (V)	100
Rated Insulation Voltage (V) 690 Rated Operational Current (A) 3 Rated Operational Current AC-15 400V (A) 3 Rated Operational Voltage AC (V) 690 Rated Supply Voltage AC (V) 100	Rated Control Supply Voltage DC (V)	100
Rated Operational Current (A) 3 Rated Operational Current AC-15 400V (A) 3 Rated Operational Voltage AC (V) 690 Rated Supply Voltage AC (V) 100	Rated Impulse Withstand Voltage (kV)	6
Rated Operational Current AC-15 400V (A) 3 Rated Operational Voltage AC (V) 690 Rated Supply Voltage AC (V) 100	Rated Insulation Voltage (V)	690
Rated Operational Voltage AC (V) 690 Rated Supply Voltage AC (V) 100	Rated Operational Current (A)	3
Rated Supply Voltage AC (V) 100	Rated Operational Current AC-15 400V (A)	3
	Rated Operational Voltage AC (V)	690
Terminal Type Screw Terminals	Rated Supply Voltage AC (V)	100
	Terminal Type	Screw Terminals



Physical Attributes	
Mounting Type	DIN Rail / Screw
Operational Temperature Range (°C)	-40 to +70
Storage Temperature (°C)	-60 to +80

Dimensions	
Dimensions (mm)	45W x 86H x 110.5D

Protection & Standards	
Degree of Protection	IP20