SIEMENS

Data sheet US2:14BP32BF91

Non-reversing motor starter, Size 00, Three phase full voltage, Amb compensate bimetal OLrelay Contactor amp rating 9Amp 110V 50HZ / 120V 60HZ coil, Non-combination type, Enclosure type 1, Indoor general purpose use



Figure similar

General technical data	
Weight [lb]	8 lb
Height x Width x Depth [in]	11 × 7 × 5 in
Protection against electrical shock	NA for enclosed products
Installation altitude [ft] at height above sea level maximum	6560 ft
Ambient temperature [°F] during storage	-22 +149 °F
Ambient temperature [°F] during operation	-4 +104 °F
Ambient temperature during storage	-30 +65 °C
Ambient temperature during operation	-20 +40 °C
Country of origin	USA

Vielded mechanical performance [hp] for three-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value 2 hp

● at 575/600 V rated value	2 hp	
Contactor		
Number of NO contacts for main contacts	3	
Operating voltage for main current circuit at AC at 60	600 V	
Hz maximum		
Operating current at AC at 600 V rated value	9 A	
Mechanical service life (switching cycles) of the main	10000000	
contacts typical		
Auxiliary contact		
Number of NC contacts at contactor for auxiliary	0	
contacts		
Number of NO contacts at contactor for auxiliary	1	
contacts		
Number of total auxiliary contacts maximum	8	
Contact rating of auxiliary contacts of contactor according to UL	10A@600VAC (A600), 5A@600VDC (P600)	
-		
Coil		
Type of voltage of the control supply voltage	AC	
Control supply voltage		
at DC rated value	0 0 V	
at AC at 60 Hz rated value	120 120 V	
 at AC at 50 Hz rated value 	110 110 V	
Holding power at AC minimum	8.6 W	
Apparent pick-up power of magnet coil at AC	218 V·A	
Apparent holding power of magnet coil at AC	25 V·A	
Operating range factor control supply voltage rated	0.85 1.1	
value of magnet coil		
Percental drop-out voltage of magnet coil related to	50 %	
the input voltage	40 00	
Switch-on delay time	19 29 ms	
Off-delay time	10 24 ms	
Overload relay		
Product function		
Overload protection	Yes	
Test function	Yes	
External reset	Yes	
Reset function	Manual and automatic	
Adjustment range of thermal overload trip unit	0.85 1.15	
Number of NC contacts of auxiliary contacts of overload relay	1	
Number of NO contacts of auxiliary contacts of overload relay	1	

Operating current of auxiliary contacts of overload relay	
• at AC at 600 V	10 A
• at DC at 250 V	5 A
Contact rating of auxiliary contacts of overload relay according to UL	10A@600VAC (A600), 5A@250VDC (P300)

Enclosure	
Degree of protection NEMA rating of the enclosure	NEMA Type 1
Design of the housing	Indoor general purpose use

Design of the flousing	indoor general purpose use
Mounting/wiring	
Mounting position	Vertical
(mounting type)	Surface mounting and installation
Type of electrical connection for supply voltage line- side	Screw-type terminals
Tightening torque [lbf·in] for supply	20 20 lbf·in
Temperature of the conductor for supply maximum permissible	75 °C
Material of the conductor for supply	AL or CU
Type of electrical connection for load-side outgoing feeder	Screw-type terminals
Tightening torque [lbf·in] for load-side outgoing feeder	35 50 lbf·in
Type of electrical connection of magnet coil	Screw-type terminals
Tightening torque [lbf·in] at magnet coil	5 12 lbf·in
Type of connectable conductor cross-sections of magnet coil at AWG conductors single or multi-stranded	2x (16 12 AWG)
Temperature of the conductor at magnet coil maximum permissible	75 °C
Material of the conductor at magnet coil	CU
Type of electrical connection for auxiliary contacts	Screw-type terminals
Tightening torque [lbf·in] at contactor for auxiliary contacts	10 15 lbf·in
Type of connectable conductor cross-sections at contactor at AWG conductors for auxiliary contacts single or multi-stranded	1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)
Temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C
Material of the conductor at contactor for auxiliary contacts	CU
Type of electrical connection at overload relay for auxiliary contacts	Screw-type terminals
Tightening torque [lbf·in] at overload relay for auxiliary contacts	5 12 lbf·in

Type of connectable conductor cross-sections at overload relay at AWG conductors for auxiliary contacts single or multi-stranded	2x (16 12 AWG)
Temperature of the conductor at overload relay for auxiliary contacts maximum permissible	75 °C
Material of the conductor at overload relay for auxiliary contacts	CU

Short-circuit current rating	
Design of the fuse link for short-circuit protection of	10kA@600V (Class H or K); 100kA@600V (Class R or J)
the main circuit required	
Design of the short-circuit trip	Thermal magnetic circuit breaker
Maximum short-circuit current breaking capacity (Icu)	
● at 240 V	14 kA
● at 480 V	10 kA
● at 600 V	10 kA

Further information

Industrial Controls - Product Overview (Catalogs, Brochures,...)

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

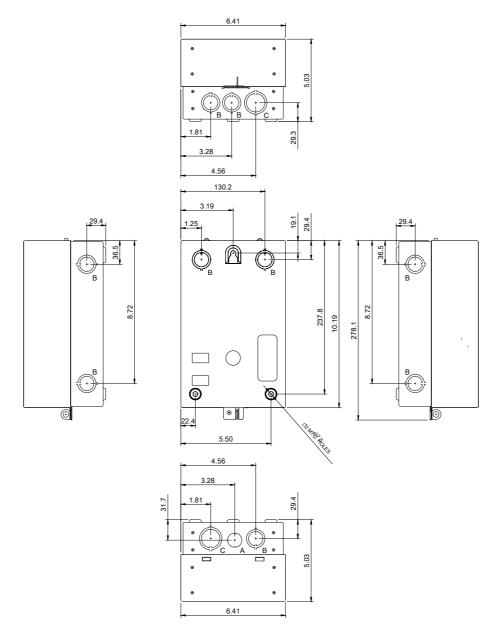
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:14BP32BF91

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:14BP32BF91

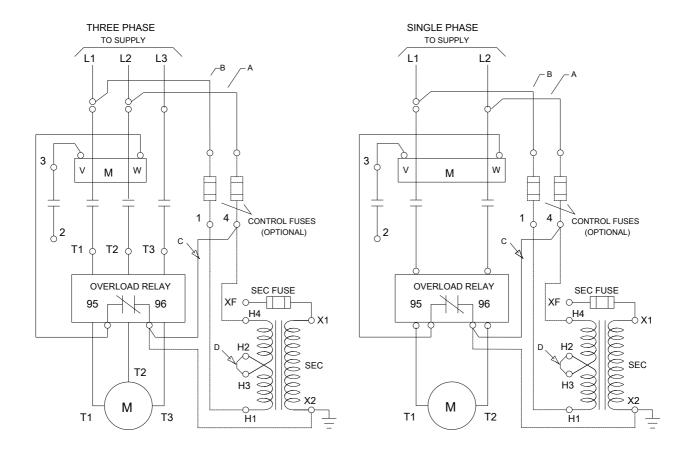
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:14BP32BF91&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14BP32BF91/certificate



LETTER	KNOCKOUT & CONDUIT SIZE
Α	%%C22.2 FOR 12.7 CONDUIT
В	%%C22.2 X %%C28.6 FOR 12.7 & 19 CONDUIT
С	%%C28.6 X %%C34.9 FOR 19 & 25.4 CONDUIT



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