SIEMENS

Data sheet

STARTER,FVNR,S2,3PH,THOLR,24VAC,NEMA 1



product designation special product feature No factory installed accessories Cenaral tochnical data weight [tb] Height x Width x Depth [in] 14 x 8 x 7 in touch protection against electrical shock NA for enclosed products Installation altitude [tt] at height above sea level maximum ambient temperature ["Ft] during storage ambient temperature ["Ft] during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage are 10 control supply voltage at AC at 60 Hz rated value at AC at 50 Hz rated value at 220/230 V rated value at 220/230 V rated value at 220/230 V rated value at 480/480 V rated value at 55 figure at AC at 50 Hz rated value at 480/480 V rated value at 480/480 V rated value at 55 figure at AC at 50 Hz rated value at 480/480 V rated value at 480/480 V rated value at 480/480 V rated value at 50 figure at 480/480 V rated value at 480/480 V	product brand name	Siemens
Weight [1b] 14 lb Height X Width x Depth [n] 14 x 8 x 7 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6 560 ft ambient temperature [Ft] during operation 4+104 °F ambient temperature (Ft] during operation 4+104 °F ambient temperature during storage -30+65 °C ambient temperature during operation -20+40 °C country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage AC control supply voltage • at AC at 50 Hz rated value 24 V disconnector functionality No yielded mechanical performance (hp] for 3-phase AC motor • at 200/200 V rated value 15 hp • at 220/230 V rated value 50 hp • at 460/480 V rated value 50 hp • at 575/600 V rated value 50 hp Contactor number of NO contacts for main current circuit at AC at 60 Hz maximum coperating voltage at AC-3 rated value mechanical service life (operating cycles) of the main contacts yportally voltage to rated value 6000 V mechanical service life (operating cycles) of the main contacts yportally voltage to rated value 6000 V mechanical service life (operating cycles) of the main contacts 100000 Np Multilary contact number of NO contacts for auxiliary contacts 1 number o	product designation	Non-reversing motor starter
weight [ib] 14 ib Height X Width X Depth [in] 14 × 8 × 7 in touch protection against electrical shock NA for enclosed products installation altitude [it] at height above sea level maximum 6 550 ft ambient temperature [Fr] during storage 2.2 + 149 Fr ambient temperature [Fr] during storage 3-30 + 65 °C ambient temperature during operation 4 + 104 °F ambient temperature during operation 2.0 + 40 °C country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage AC control supply voltage 4.2 4 V at AC at 50 Hz rated value 24 V at AC at 60 Hz rated value 24 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 15 hp at 200/208 V rated value 50 hp at 40/408 V rated value 50 hp at 575/600 V rated value 50 hp contactor number of NO contacts for main current circuit at AC at 60 Hz maximum poperating voltage for main current circuit at AC at 60 Hz maximum 600 V mechanical service life (operating cycles) of the main contacts 1 number of NC contacts for auxiliary contacts 1 1000000(A600), 5A@600V(P600)	special product feature	No factory installed accessories
Height x Width x Depth [in] touch protection against electrical shock NA for enclosed products Installation altitude [ft] at height above sea level maximum ambient temperature [°F] during storage 22 +149 °F ambient temperature [°F] during operation 4 +104 °F ambient temperature during operation 4 +104 °F ambient temperature during operation 2-0 +40 °C country of origin Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage 4 at AC at 50 Hz rated value 4 at AC at 60 Hz rated value 4 at AC at 60 Hz rated value 5 to 4 at Coat ABO V rated value 5 to 4 at Coat ABO V rated value 5 to 4 at Coat ABO V rated value 5 to 4 at Coat ABO V rated value 5 to 4 pp 5 to 4 bp 6 to 4 at Coat ABO V rated value 6 to 4 450 ABO V rated value 7 to 4 at 200/230 V rated value 7 to 4 at 200/230 V rated value 7 to 4 at 575/600 V rated value 7 to	General technical data	
touch protection against electrical shock installation altitude (fil at height above sea level maximum ambient temperature [F] during operation -4+104 *F ambient temperature [F] during operation -4+104 *F ambient temperature during storage -30+65 *C ambient temperature during storage -30+65 *C ambient temperature during operation -20+40 *C country of origin Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage - at AC at 50 Hz rated value - at AC at 50 Hz rated value - at AC at 60 Hz rated value - at 200/208 V rated value - at 200/208 V rated value - at 200/208 V rated value - at 460/480 V rated value - at 575/600 V rated value - at 575/600 V rated value - at 575/600 V rated value - at 600 V - maximum - operating voltage for main current circuit at AC at 60 Hz - maximum - operating voltage at AC-3 rated value maximum - operating voltage at AC-3 rated value maximum - operating voltage for main current circuit at AC at 60 Hz - number of NC contacts for auxiliary contacts - 1 - number of NC contacts for auxiliary contacts - 1 - number of NC contacts for auxiliary contacts - 1 - number of NC contacts for auxiliary contacts - 1 - number of NC contacts for auxiliary contacts - 1 - number of NC contacts for auxiliary contacts - 1 - number of	weight [lb]	14 lb
installation altitude [ft] at height above sea level maximum ambient temperature [Ft] during storage ambient temperature [Ft] during operation 4 +104 "F ambient temperature ftr] during operation -20 +65 "C ambient temperature during operation -20 +40 "C country of origin Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage outly of origin AC control supply voltage at AC at 50 Hz rated value at AC at 50 Hz rated value 24 V slickonnector functionality yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 15 hp at 400/208 V rated value 15 hp at 400/208 V rated value 25 hp at 460/480 V rated value 3 to 575/600 V rated value 5 to hp Contactor number of NO contacts for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for auxiliary contacts 1 number of NC contacts for auxiliary contacts 2 to 400/4600 (Fe600) Coll apparent holding power of magnet coil at AC 4 188 VA apparent holding power of magnet coil at AC 4 165 VA	Height x Width x Depth [in]	14 × 8 × 7 in
ambient temperature [*F] during storage 4. 4 *104 *F ambient temperature during storage 3.0 *46 *C ambient temperature during storage 3.0 *46 *C ambient temperature during storage 2.0 *40 *C country of origin Germany Power and control electronics number of topes for main current circuit 3 type of voltage of the control supply voltage AC control supply voltage 4 AC at 50 Hz rated value 24 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor 4 at 220/230 V rated value 5 hp at 420/230 V rated value 15 hp at 4575/600 V rated value 40 hp at 4575/600 V rated value 50 hp contactor number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts 1 number of NO contacts for auxiliary contacts 1 number of NO	touch protection against electrical shock	NA for enclosed products
ambient temperature during operation 4+104 °F ambient temperature during storage -30+65 °C ambient temperature during operation -20+40 °C country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage AC control supply voltage • at AC at 50 Hz rated value 24 V • at AC at 50 Hz rated value 24 V • at AC at 50 Hz rated value 15 hp vjelded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 15 hp • at 220/230 V rated value 40 hp • at 575/600 V rated value 50 hp • at 575/600 V rated value 50 hp • at 575/600 V rated value 50 hp contactor number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts bybical Auxiliary contact number of NO contacts for auxiliary contacts 1	installation altitude [ft] at height above sea level maximum	6 560 ft
ambient temperature during storage	ambient temperature [°F] during storage	-22 +149 °F
ambient temperature during operation -20 +40 °C country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage AC control supply voltage + at AC at 50 Hz rated value 24 V + at AC at 60 Hz rated value 24 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor + at 200/208 V rated value 15 hp + at 400/480 V rated value 40 hp + at 450/480 V rated value 40 hp + at 575/600 V rated value 50 hp Contactor number of NO contacts for main contacts operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts of contactor according to UL Coll apparent pick-up power of magnet coil at AC 188 VA apparent holding power of magnet coil at AC 185. VA	ambient temperature [°F] during operation	-4 +104 °F
Country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage AC control supply voltage • at AC at 50 Hz rated value 24 V • at AC at 60 Hz rated value 24 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 15 hp • at 220/230 V rated value 40 hp • at 460/480 V rated value 40 hp • at 575/600 V rated value 50 hp Contactor number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum 600 V mechanical service life (operating cycles) of the main contacts 10 number of NC contacts for auxiliary contacts 11 number of NO contacts for auxiliary contacts 11 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts maximum 8 number of total auxiliary contacts maximum 8 number of total auxiliary contacts of contactor according to UL 10A@600V(A600), 5A@600V(P600) Coil apparent pick-up power of magnet coil at AC 188 VA 16.5 VA	ambient temperature during storage	-30 +65 °C
number of poles for main current circuit 13 type of voltage of the control supply voltage • at AC at 50 Hz rated value • at AC at 50 Hz rated value • at AC at 60 Hz rated value • at AC at 60 Hz rated value • at 200/208 V rated value • at 220/230 V rated value • at 220/230 V rated value • at 480/480 V rated value • at 575/600 V rated value • at 600 V Contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage of main current circuit at AC at 60 Hz maximum operating voltage of AC-3 rated value maximum operating voltage of AC-3 rated value maximum operating voltage of NC contacts for auxiliary contacts 10 000 000 Auxiliary contact number of NC contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Coll apparent pick-up power of magnet coil at AC 188 VA apparent holding power of magnet coil at AC 188 VA	ambient temperature during operation	-20 +40 °C
number of poles for main current circuit type of voltage of the control supply voltage • at AC at 50 Hz rated value • at AC at 60 Hz rated value • at 220/208 V rated value • at 220/230 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 4575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 600 V mumber of NO contacts for main contacts operating voltage at AC-3 rated value maximum and the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating cycles) of the main contacts are vice life (operating	country of origin	Germany
type of voltage of the control supply voltage • at AC at 50 Hz rated value • at AC at 50 Hz rated value • at AC at 60 Hz rated value • at AC at 60 Hz rated value • at AC at 60 Hz rated value 24 V disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 600 V mechanical service life (operating cycles) of the main contacts typical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC 188 VA apparent holding power of magnet coil at AC 16.5 VA	Power and control electronics	
control supply voltage at AC at 50 Hz rated value 24 V at AC at 60 Hz rated value 24 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 15 hp at 220/230 V rated value 15 hp at 460/480 V rated value 40 hp at 575/600 V rated value 50 hp Contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts typical Auxillary contact number of NC contacts for auxillary contacts 1 number of NC contacts for auxillary contacts 1 number of NC contacts for auxillary contacts 1 number of NO contacts for auxillary contacts 1 number of NO contacts for auxillary contacts 1 number of total auxillary contacts maximum 8 contact rating of auxillary contacts according to UL Coil apparent holding power of magnet coil at AC 188 VA apparent holding power of magnet coil at AC 188 VA	number of poles for main current circuit	3
at AC at 50 Hz rated value at AC at 60 Hz rated value 24 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value but 15 hp contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NO contacts for auxiliary contacts 10 000 000 Auxiliary contact number of NO contacts for auxiliary contacts 11 number of NO contacts for auxiliary contacts 12 number of NO contacts for auxiliary contacts 13 number of NO contacts for auxiliary contacts 14 number of NO contacts for auxiliary contacts 15 hp 16 hp 1	type of voltage of the control supply voltage	AC
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disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 600 V Tontactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 1 10A@600V(A600), 5A@600V(P600)	• at AC at 50 Hz rated value	24 V
yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value To http: Contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum food V mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL 10A@600V(A600), 5A@600V(P600) Coil apparent pick-up power of magnet coil at AC 188 VA apparent holding power of magnet coil at AC 18.5 VA	at AC at 60 Hz rated value	24 V
at 220/230 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value 50 hp Contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Coil apparent holding power of magnet coil at AC 188 VA apparent holding power of magnet coil at AC 18.5 VA	disconnector functionality	No
at 220/230 V rated value at 460/480 V rated value bat 575/600 V rated value contactor number of NO contacts for main contacts operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage et ife (operating cycles) of the main contacts typical Auxiliary contact number of NO contacts for auxiliary contacts 1 0 000 000 Auxiliary contact number of NO contacts for auxiliary contacts 1 1 number of NO contacts for auxiliary contacts 1 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC	yielded mechanical performance [hp] for 3-phase AC motor	
at 460/480 V rated value at 575/600 V rated value 50 hp Contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL apparent pick-up power of magnet coil at AC 188 VA apparent holding power of magnet coil at AC 16.5 VA	• at 200/208 V rated value	15 hp
ontactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 188 VA apparent holding power of magnet coil at AC 16.5 VA	• at 220/230 V rated value	15 hp
number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 16.5 VA	• at 460/480 V rated value	40 hp
number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 16.5 VA	• at 575/600 V rated value	50 hp
operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 1000 V 100	Contactor	
maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL 10A@600V(A600), 5A@600V(P600) Coil apparent pick-up power of magnet coil at AC 188 VA apparent holding power of magnet coil at AC 16.5 VA	number of NO contacts for main contacts	3
mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC apparent holding power of magnet coil at AC 10 000 000 10 000 10 000 10 000 000		600 V
typical Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL 10A@600V(A600), 5A@600V(P600) Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 16.5 VA	operating voltage at AC-3 rated value maximum	600 V
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 16.5 VA		10 000 000
number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 188 VA 10A@600V(A600), 5A@600V(P600)	Auxiliary contact	
number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 188 VA 16.5 VA	number of NC contacts for auxiliary contacts	1
contact rating of auxiliary contacts of contactor according to UL 10A@600V(A600), 5A@600V(P600) 20il apparent pick-up power of magnet coil at AC 188 VA apparent holding power of magnet coil at AC 16.5 VA	number of NO contacts for auxiliary contacts	1
apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 188 VA 16.5 VA	number of total auxiliary contacts maximum	8
apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 188 VA 16.5 VA	contact rating of auxiliary contacts of contactor according to UL	10A@600V(A600), 5A@600V(P600)
apparent holding power of magnet coil at AC 16.5 VA	Coil	
11 01 0	apparent pick-up power of magnet coil at AC	188 VA
operating range factor control supply voltage rated value of 0.8 1.1	apparent holding power of magnet coil at AC	16.5 VA
Sparsing range reads. William output, to indignation to indignation of the control of the control output, to indignation output, indignation outp	operating range factor control supply voltage rated value of	0.8 1.1

Siemens

magnet coil	40 00
ON-delay time	10 80 ms
OFF-delay time	10 18 ms
Overload relay	
product function	Vec
overload protection toot function	Yes
• test function	Yes
external reset reset function	Yes
	Manual, automatic and remote (with optional accessory) 40 50
adjustment range of thermal overload trip unit number of NC contacts of auxiliary contacts of overload relay	1
number of NO contacts of auxiliary contacts of overload relay	1
contact rating of auxiliary contacts of overload relay	5A@600VAC (B600), 1A@250VDC (R300)
UL	0.1@0001110 (E000), 1.1@2001E0 (1.000)
Enclosure	
degree of protection NEMA rating of the enclosure	NEMA 1 standard size enclosure
design of the housing	indoors, usable on a general basis
Mounting/wiring	
mounting position	vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	Box lug
tightening torque [lbf·in] for supply	26 39 lbf·in
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	2x (18 2), 1x (18 1)
temperature of the conductor for supply maximum permissible	60 °C
material of the conductor for supply	CU
type of electrical connection for load-side outgoing feeder	Box lug
tightening torque [lbf·in] for load-side outgoing feeder	26 39 lbf·in
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	2x (18 2), 1x (18 1)
temperature of the conductor for load-side outgoing feeder maximum permissible	60 °C
material of the conductor for load-side outgoing feeder	CU
type of electrical connection of magnet coil	Screw-type terminals
tightening torque [lbf·in] at magnet coil	7 10 lbf·in
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded	2x (18 2), 1x (18 1)
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	7 10 lbf·in
type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded	2x (20 16), 2x (18 14)
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	7 10 lbf·in
type of connectable conductor cross-sections at overload relay for AWG cables for auxiliary contacts single or multi-stranded	2x (20 16), 2x (18 14)
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	70 °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 the main circuit required	Class J
design of the short-circuit trip	Thermal magnetic circuit breaker
maximum short-circuit current breaking capacity (Icu)	
• at 240 V	5 kA
• at 480 V	5 kA
• at 600 V	5 kA
certificate of suitability	UL 60947-4-1

Further information

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

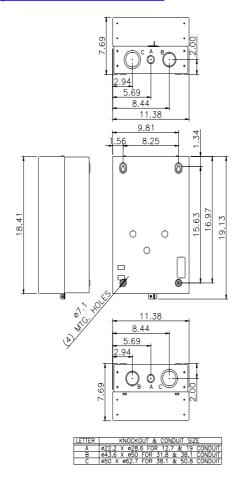
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