SIEMENS

Data sheet

US2:17GUG92XF14



STARTER, FVNR, S2.5, SSOLR, 120VAC, STARTER, FVNR, S2.5, SSOLR, 120VAC,

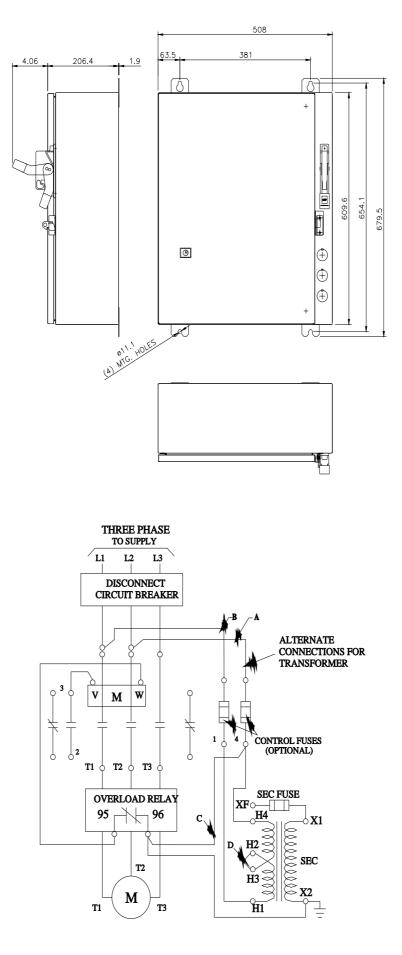
Figure	similar

product brand nameClass 17design of the productNon-reversing motor starter with fusible disconnectspecial product featureESP200 overload relay; Half-size controllerGeneral technical data49 lbweight [lb]49 lbHeight x Width x Depth [in]24 × 20 × 8 intouch protection against electrical shockNA for enclosed productsinstallation altitude [ft] at height above sea level maximum6560 ftambient temperature [°F]-22 +149 °F• during operation-4 +104 °Fambient temperature-30 +65 °C• during operation-20 +40 °Ccountry of originUSA
special product feature ESP200 overload relay; Half-size controller General technical data 49 lb weight [lb] 49 lb Height x Width x Depth [in] 24 × 20 × 8 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [°F] -22 +149 °F • during storage -22 +104 °F • during operation -4 +104 °F ambient temperature -30 +65 °C • during operation -20 +40 °C country of origin USA
General technical data weight [lb] 49 lb Height x Width x Depth [in] 24 × 20 × 8 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [°F] -22 +149 °F • during storage -22 +104 °F • during storage -30 +65 °C • during operation -20 +40 °C country of origin USA
weight [lb]49 lbHeight x Width x Depth [in]24 × 20 × 8 intouch protection against electrical shockNA for enclosed productsinstallation altitude [ft] at height above sea level maximum6560 ftambient temperature [°F]-22 +149 °F• during storage-22 +149 °F• during operation-4 +104 °Fambient temperature-30 +65 °C• during operation-20 +40 °Ccountry of originUSA
Height x Width x Depth [in] 24 × 20 × 8 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [°F] -22 +149 °F • during operation -4 +104 °F ambient temperature -30 +65 °C • during operation -20 +40 °C tourty of origin USA
touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [°F] -22 +149 °F • during operation -4 +104 °F ambient temperature -30 +65 °C • during operation -20 +40 °C toutry of origin USA
installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [°F] -22 +149 °F • during operation -4 +104 °F ambient temperature -4 +104 °F • during storage -30 +65 °C • during operation -20 +40 °C to country of origin USA
ambient temperature [°F] -22 +149 °F • during operation -4 +104 °F ambient temperature -4 +104 °F • during storage -30 +65 °C • during operation -20 +40 °C country of origin USA
• during storage -22 +149 °F • during operation -4 +104 °F ambient temperature -30 +65 °C • during operation -20 +40 °C country of origin USA
• during operation -4 +104 °F ambient temperature -30 +65 °C • during operation -20 +40 °C country of origin USA
ambient temperature • during storage • during operation -20 +65 °C • country of origin USA
• during storage -30 +65 °C • during operation -20 +40 °C country of origin USA
• during operation -20 +40 °C country of origin USA Horsepower ratings -20 +40 °C
country of origin USA Horsepower ratings USA
Horsepower ratings
yielded mechanical performance [hp] for 3-phase AC motor
• at 200/208 V rated value 15 hp
at 220/230 V rated value 20 hp
at 460/480 V rated value 0 hp
at 575/600 V rated value 0 hp
Contactor
size of contactor Controller half size 2 1/2
number of NO contacts for main contacts 3
operating voltage for main current circuit at AC at 60 Hz 600 V maximum
operational current at AC at 600 V rated value 60 A
mechanical service life (switching cycles) of the main 10000000 contacts typical
Auxiliary contact
number of NC contacts at contactor for auxiliary contacts 0
number of NO contacts at contactor for auxiliary contacts 1
number of total auxiliary contacts maximum 7
contact rating of auxiliary contacts of contactor according 10A@600VAC (A600), 5A@600VDC (P600) to UL
Coil
type of voltage of the control supply voltage AC
control supply voltage

e at AC at 50 Hz rated value 10 V e at AC at 50 Hz rated value 10 V holding power at AC minimum 8.6 W apparent holding power of magnet coil at AC 218 VA apparent holding power of magnet coil at AC 228 VA operating range factor control supply voltage rated value of magnet coil protect function protect function e (Ac at 50 Hz rated value 0.85 1.1 0.85 0.85 0.85 1.8 0.85 0.85 1.8 0.85 1.8 1.8	at AC at 60 Hz rated value ng power at AC minimum arent pick-up power of magnet coil at AC ating range factor control supply voltage rated value agnet coil ental drop-out voltage of magnet coil related to the voltage delay time -delay time -delay time ouct function overload protection phase failure detection asymmetry detection ground fault detection external reset	120 V 8.6 W 218 VA 25 VA 0.85 1.1 50 % 19 29 ms 10 24 ms Yes Yes Yes Yes
holding power at AC minimum 8.6 W apparent holk-up power of magnet coil at AC 28 VA operating range factor control supply voltage rated value 0.85 1.1 of magnet coil 50 % ON-delay time 19 29 ms OVerload relay 19 29 ms Overload relay Yes overload relation Yes • overload protection Yes • overload fault detection Yes • overload fault detection Yes • estimative detection Yes • estimative detection Yes • estimative detection Yes • estemal reset Yes reset function Manual, automatic and remote trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- 25 100 A doperating routed at release Yes relative repeat accuracy 1% product fault releases 1 runber of NC contacts of auxiliary contacts of overload relay 3 s operating class of auxiliary contacts of overload relay 1 operating class of auxiliary contacts of overload relay 5A out fault fault contacts of auxiliary contacts of overload relay 1 overload fault descender 100 A </td <td>ng power at AC minimum arent pick-up power of magnet coil at AC arent holding power of magnet coil at AC ating range factor control supply voltage rated value agnet coil ental drop-out voltage of magnet coil related to the coltage delay time coleay time cole</td> <td>8.6 W 218 VA 25 VA 0.85 1.1 50 % 19 29 ms 10 24 ms Yes Yes Yes Yes Yes</td>	ng power at AC minimum arent pick-up power of magnet coil at AC arent holding power of magnet coil at AC ating range factor control supply voltage rated value agnet coil ental drop-out voltage of magnet coil related to the coltage delay time coleay time cole	8.6 W 218 VA 25 VA 0.85 1.1 50 % 19 29 ms 10 24 ms Yes Yes Yes Yes Yes
apparent pick-up power of magnet coil at AC 218 VA apparent holding power of magnet coil at AC 25 VA operating range factor control supply voltage reted value 0.85 1.1 of magnet coil 50 % ON-delay time 19 29 ms OVerticad relay 10 24 ms Overload relay 10 24 ms Overload relay Yes product function Yes • overload protection Yes • overload protection Yes • overload relay Yes • overload related to the Yes • overload relates Zes 100 A • overload relates 25 100 A rip class 25 100 A adjustable current resons maximu	rrent pick-up power of magnet coil at AC rrent holding power of magnet coil at AC ating range factor control supply voltage rated value agnet coil ental drop-out voltage of magnet coil related to the t voltage delay time -delay time -delay time bad relay uct function • overload protection • phase failure detection • asymmetry detection • ground fault detection • test function • external reset	218 VA 25 VA 0.85 1.1 50 % 19 29 ms 10 24 ms Yes Yes Yes Yes Yes
apparent holding power of magnet coil at AC 25 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1 percential drop-out voltage of magnet coil related to the input voltage. 50 % ON-delay time 19 29 ms OFF-delay time 10 24 ms Overtoad rotection Yes • overload protection Yes • optase failure detection Yes • asymmetry detection Yes • est function Yes reset function Yes trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent toverload release 1% product facture protective coating on printed-circuit board relay 1% operational current of auxiliary contacts of overload relay 1% operational current of auxiliary contacts of overload relay 5 A obs to Cat 250 V 5 A	rrent holding power of magnet coil at AC ating range factor control supply voltage rated value agnet coil ental drop-out voltage of magnet coil related to the voltage delay time -delay time -delay time -delay time Dad relay uct function • overload protection • phase failure detection • phase failure detection • ground fault detection • test function • external reset	25 VA 0.85 1.1 50 % 19 29 ms 10 24 ms Yes Yes Yes Yes Yes
operating range factor control supply voltage rated value of magnet coil 0.85 1.1 of magnet coil 50 % input voltage 50 % ON-delay time 10 24 ms Overload relay 7 product function Yes • overload protection Yes • overload protection Yes • asymmetry detection Yes • est function Yes • est function Yes • external reset Yes reset function Yes tipping time at phase-loss maximum 3 s tripping time at phase-loss maximum 3 s umber of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 5 A oct at 280 V 5 A ot at Ca 280 V 5 A	ating range factor control supply voltage rated value agnet coil ental drop-out voltage of magnet coil related to the voltage delay time -delay time bad relay uct function • overload protection • phase failure detection • asymmetry detection • ground fault detection • test function • external reset	0.85 1.1 50 % 19 29 ms 10 24 ms Yes Yes Yes Yes
of magnet coil percental drop-out voltage of magnet coil related to the input voltage ON-delay time OFF-delay time OFF-delay time OVerload relay product function • overload protection • overload protective • overload protective coaling on printed-circuit board • number of NC contacts of auxiliary contacts of overload • relay • overload fauxiliary contacts of overload • overload relay • ot AC at 600 V • overload protection ot AC rated value • overload protection ot AC rated value • overload of auxiliary contacts of overload • overload • overload of auxiliary contacts of overload • overload • overload protection ot AC rated value • overload protection ot AC rated value • overload • over	agnet coil ental drop-out voltage of magnet coil related to the voltage delay time -delay time bad relay uct function • overload protection • phase failure detection • asymmetry detection • ground fault detection • test function • external reset	50 % 19 29 ms 10 24 ms Yes Yes Yes Yes
input voltage 19 29 ms OR-delay time 10 24 ms OVerload relay product function • overload protection Yes • ophase failure detection Yes • ophase failure detection Yes • estimation Yes • esternal reset Yes reset function Yes reset function Yes trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current-dependent overload release Troping time at phase-loss maximum tripping time at phase-loss maximum 3 s relative repeat accuracy 1 % product feature protective coating on printed-circuit board 1 number of NC contacts of auxiliary contacts of overload relay 1 relay 10 Contacts of auxiliary contacts of overload relay 5 A eat DC at 250 V 1 A contact rating of auxiliary contacts of overload relay 5 A insulation voltage (U) 600 V with single-phase operation at AC rated value 600 V operational current of these link Class R Disconnect Switch Class R	evoltage delay time -delay time bad relay uct function overload protection phase failure detection asymmetry detection ground fault detection test function external reset	19 29 ms 10 24 ms Yes Yes Yes Yes
OFF-delay time 10 24 ms Overload relay product function • overload protection Yes • phase failure detection Yes • orgound fault detection Yes • est function Yes • est function Yes • esterinal reset Yes • reset function Manual, automatic and remote trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overfoad release 25 100 A tripping time at phase-loss maximum 3 s relative repeat accuracy 1% product fault perotective coating on printed-circuit board 1 number of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 5A eacy of the dusting of auxiliary contacts of overload relay 5A eacy of the dusting of auxiliary contacts of overload relay 5A eacy of the dusting of auxiliary contacts of overload relay 5A eat Cat 250 V 1A	-delay time Dad relay uct function • overload protection • phase failure detection • asymmetry detection • ground fault detection • test function • external reset	10 24 ms Yes Yes Yes Yes
Overload relay product function Yes • overload protection Yes • optase failure detection Yes • asymmetry detection Yes • ground fault detection Yes • external reset Yes reset function Yes reset function CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release 25 100 A tripping time at phase-loss maximum 3 s relative repeat accuracy 1 % product feature protective coating on printed-circuit board 1 number of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 5 A • at DC at 250 V 1 A contact raing of auxiliary contacts of overload relay 5A@@00VAC (B600), 1A@250VDC (R300) according to UL insulation voltage (UI) • with multi-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V Disconnect Switch Class R fuse clips operating class of the fuse link	 bad relay uct function overload protection phase failure detection asymmetry detection ground fault detection test function external reset 	Yes Yes Yes
product function Yes • overload protection Yes • phase failure detection Yes • asymmetry detection Yes • ground fault detection Yes • ground fault detection Yes • external reset Yes reset function Manual, automatic and remote trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release 25 100 A tripping time at phase-loss maximum 3 s relative ropeat accuracy 1 % product feature protective coating on printed-circuit board 1 number of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay 500 V insulation voltage (Ui) • with single-phase operation at AC rated value 600 V insulation voltage (Ui) • witch disconnector 100A / 250V response value of switch disconnector 100A / 250V design of fuse holder	uct function • overload protection • phase failure detection • asymmetry detection • ground fault detection • test function • external reset	Yes Yes Yes
• overload protection Yes • phase failure detection Yes • asymmetry detection Yes • ground fault detection Yes • external reset Yes reset function Yes trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release Z5 100 A tripping time at phase-loss maximum 3 s relative repeat accuracy 1 % product feature protective coating on printed-circuit board Yes number of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 1 etal C at 600 V 1 A contact rating of auxiliary contacts of overload relay 5 A actor at 1 and of a current of auxiliary contacts of overload relay 5 A etal C at 600 V 1 A contact rating of auxiliary contacts of overload relay 5 A according to UL 600 V insulation voltage (U) 600 V • with single-phase operation at AC rated value 300 V Disconnect Switch 100A / 250V class R	 overload protection phase failure detection asymmetry detection ground fault detection test function external reset 	Yes Yes Yes
Phase failure detection Yes asymmetry detection Yes ground fault detection Yes ground fault detection Yes external reset Yes reset function Yes external reset Yes reset function CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release tripping time at phase-loss maximum 3 s relative repeat accuracy 1% product feature protective coating on printed-circuit board relay number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay according to UL insulation voltage (Ui) with single-phase operation at AC rated value 300 V Desonnect Switch response value of switch disconnector (loss R fuse clips operating class of the fuse link Class R (class R insulation solter degree of protection NEMA rating degree of protection NEMA rating degree of protection NEMA rating design of the housing dustproof, waterproof & resistant to corrosion	 phase failure detection asymmetry detection ground fault detection test function external reset 	Yes Yes Yes
• asymmetry detection Yes • ground fault detection Yes • test function Yes • external reset Yes reset function Manual, automatic and remote trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release 25 100 A tripping time at phase-loss maximum 3 s relative repeat accuracy 1 % product feature protective coating on printed-circuit board Yes number of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 1 • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according to UL 5A insulation voltage (UI) 600 V • with single-phase operation at AC rated value 600 V • with single-phase operation at AC rated value 300 V Disconnect Switch Class R fuse clips operating class of the fuse link Class R Enclosure degree of protection NEMA rating degree of protection NEMA rating 4X, 304 stainless steel design of the housing <td> asymmetry detection ground fault detection test function external reset </td> <td>Yes Yes</td>	 asymmetry detection ground fault detection test function external reset 	Yes Yes
ground fault detection ves test function Yes external reset Yes reset function Manual, automatic and remote trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release tripping time at phase-loss maximum 3 s relative repeat accuracy 1 % product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay e at AC at 600 V 5 A e at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay e. with single-phase operation at AC rated value 600 V with single-phase operation at AC rated value operating class of the fuse link Class R fuse clips operating class of the fuse link Class R fuse clips operating class of the fuse link Class R fuse clips degree of protection NEMA rating degree of protection NEMA rating design of the housing Mounting/wiring	ground fault detection test function external reset	Yes
• test function Yes • external reset Yes reset function Manual, automatic and remote trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release 25 100 A tripping time at phase-loss maximum 3 s relative repeat accuracy 1 % product feature protective coating on printed-circuit board Yes number of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according to UL 5A@@00VAC (B600), 1A@250VDC (R300) insulation voltage (Ui) • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V Disconnect Switch Class R fuse clips response value of switch disconnector 100A / 250V degree of protection NEMA rating 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion </td <td>test function external reset</td> <td></td>	test function external reset	
• external reset Yes reset function Manual, automatic and remote trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release 25 100 A tripping time at phase-loss maximum 3 s relative repeat accuracy 1 % product feature protective coating on printed-circuit board Yes number of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according to UL 5A@600VAC (B600), 1A@250VDC (R300) insulation voltage (Ui) • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V Disconnect Switch response value of switch disconnector 100A / 250V Class R fuse clips operating class of the fuse link Class R Class R belocure 4X, 304 stainless steel design of the housing design of the housing 4X, 304 stainless steel design of the housing	• external reset	Voc
reset function Manual, automatic and remote trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release 25 100 A tripping time at phase-loss maximum 3 s relative repeat accuracy 1 % product feature protective coating on printed-circuit board Yees number of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 5 A • at AC at 600 V 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according to UL 600 V • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 600 V esign of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure degree of protection NEMA rating design of the housing 4X, 304 stainless steel design of the housi		
trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release 25 100 A tripping time at phase-loss maximum 3 s relative repeat accuracy 1 % product feature protective coating on printed-circuit board Yes number of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 1 • at AC at 600 V 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according to UL 5A@600VAC (B600), 1A@250VDC (R300) insulation voltage (Ui) 600 V • with single-phase operation at AC rated value 300 V Disconnect Switch Class R fuse clips response value of switch disconnector 100A / 250V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure 4X, 304 stainless steel design of the housing 4X, 304 stainless steel	function	Yes
adjustable current response value current of the current- dependent overload release 25 100 A tripping time at phase-loss maximum 3 s relative repeat accuracy 1 % product feature protective coating on printed-circuit board Yes number of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 1 e at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay 5 A e at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay 5 AQ@600VAC (B600), 1A@250VDC (R300) according to UL 600 V insulation voltage (Ui) 600 V e with single-phase operation at AC rated value 600 V with multi-phase operation at AC rated value 600 V e with multi-phase operation at AC rated value 600 V gengen of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure 4X, 304 stainless steel design of the housing 4X, 304 stainless steel		Manual, automatic and remote
adjustable current response value current of the current- dependent overload release 25 100 A tripping time at phase-loss maximum 3 s relative repeat accuracy 1 % product feature protective coating on printed-circuit board 1 % number of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 1 • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay 5 A insulation voltage (Ui) • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V 250V Disconnect Switch Class R fuse clips Class R fuse clips response value of switch disconnector Class R Class R degree of protection NEMA rating 4X, 304 stainless steel deustproof, waterproof & resistant to corrosion Mounting/wiring 4X, 304 stainless steel deustproof, waterproof & resistant to corrosion	lass	
tripping time at phase-loss maximum 3 s relative repeat accuracy 1 % product feature protective coating on printed-circuit board Yes number of NC contacts of auxiliary contacts of overload relay 1 number of NO contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 1 • at AC at 600 V 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according to UL 5A@600VAC (B600), 1A@250VDC (R300) insulation voltage (Ui) 600 V • with multi-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V Disconnect Switch 100A / 250V class R fuse clips class R operating class of the fuse link Class R Enclosure 4X, 304 stainless steel degree of protection NEMA rating 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion	stable current response value current of the current-	
relative repeat accuracy 1 % product feature protective coating on printed-circuit board Yes number of NC contacts of auxiliary contacts of overload 1 relay 1 number of NO contacts of auxiliary contacts of overload 1 relay 1 operational current of auxiliary contacts of overload relay 1 • at AC at 600 V 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay 5A@600VAC (B600), 1A@250VDC (R300) according to UL 5A insulation voltage (Ui) 600 V • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V Disconnect Switch Class R fuse clips response value of switch disconnector 100A / 250V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure 4X, 304 stainless steel design of the housing 4X, 304 stainless steel design of the housing 4X, 304 stainless steel		3 s
product feature protective coating on printed-circuit board Yes number of NC contacts of auxiliary contacts of overload 1 relay 1 number of NO contacts of auxiliary contacts of overload 1 relay 1 operational current of auxiliary contacts of overload relay 1 • at AC at 600 V 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay 5A@600VAC (B600), 1A@250VDC (R300) according to UL insulation voltage (Ui) • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V Disconnect Switch Class R fuse clips response value of switch disconnector 100A / 250V design of fuse holder Class R operating class of the fuse link Class R Enclosure 4X, 304 stainless steel design of the housing 4X, 304 stainless steel design of the housing Mounting/wiring		1 %
number of NC contacts of auxiliary contacts of overload 1 number of NO contacts of auxiliary contacts of overload 1 relay 1 operational current of auxiliary contacts of overload relay 1 • at AC at 600 V 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay 5A@600VAC (B600), 1A@250VDC (R300) according to UL 5A@600VAC (B600), 1A@250VDC (R300) insulation voltage (Ui) 600 V • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V Disconnect Switch 100A / 250V response value of switch disconnector 100A / 250V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure 4X, 304 stainless steel design of the housing 4X, 304 stainless steel design of the housing Mustproof, waterproof & resistant to corrosion	· · · ·	Yes
number of NO contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 5 A • at AC at 600 V 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according to UL 5A@600VAC (B600), 1A@250VDC (R300) insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V Disconnect Switch 100A / 250V response value of switch disconnector 100A / 250V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure 4X, 304 stainless steel design of the housing 4X, 304 stainless steel design of the housing 4x, 304 stainless steel	ber of NC contacts of auxiliary contacts of overload	
operational current of auxiliary contacts of overload relay 5 A • at AC at 600 V 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according to UL 5A@600VAC (B600), 1A@250VDC (R300) insulation voltage (Ui) • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 600 V 300 V Disconnect Switch Tresponse value of switch disconnector 100A / 250V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure 4X, 304 stainless steel design of the housing 4X, 304 stainless steel design of the housing 4X, 304 stainless steel	ber of NO contacts of auxiliary contacts of overload	1
• at AC at 600 V 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according to UL 5A@600VAC (B600), 1A@250VDC (R300) insulation voltage (Ui) • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V Disconnect Switch response value of switch disconnector 100A / 250V Class R fuse clips operating class of the fuse link Class R Class R Enclosure 4X, 304 stainless steel design of the housing design of the housing 4X, 304 stainless steel Mounting/wiring	ational current of auxiliary contacts of overload relay	
contact rating of auxiliary contacts of overload relay according to UL 5A@600VAC (B600), 1A@250VDC (R300) insulation voltage (Ui) • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V 0 Disconnect Switch 100A / 250V Class R fuse clips operating class of the fuse link Class R Class R Enclosure 4X, 304 stainless steel design of the housing design of the housing 4X, 304 stainless steel dustproof, waterproof & resistant to corrosion		5 A
contact rating of auxiliary contacts of overload relay according to UL 5A@600VAC (B600), 1A@250VDC (R300) insulation voltage (Ui) • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V 0 Disconnect Switch 100A / 250V Class R fuse clips operating class of the fuse link Class R Class R Enclosure 4X, 304 stainless steel design of the housing design of the housing 4X, 304 stainless steel dustproof, waterproof & resistant to corrosion	at DC at 250 V	1 A
insulation voltage (Ui) • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V Disconnect Switch 300 V response value of switch disconnector 100A / 250V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion	act rating of auxiliary contacts of overload relay	5A@600VAC (B600), 1A@250VDC (R300)
 with single-phase operation at AC rated value with multi-phase operation at AC rated value 300 V Disconnect Switch response value of switch disconnector 100A / 250V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure degree of protection NEMA rating 4X, 304 stainless steel design of the housing Mounting/wiring 		
with multi-phase operation at AC rated value 300 V Disconnect Switch response value of switch disconnector 100A / 250V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure degree of protection NEMA rating 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion Mounting/wiring	0 ()	600 V
Disconnect Switch response value of switch disconnector 100A / 250V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure degree of protection NEMA rating design of the housing 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion		
response value of switch disconnector 100A / 250V design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure degree of protection NEMA rating design of the housing 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion	· · ·	
design of fuse holder Class R fuse clips operating class of the fuse link Class R Enclosure degree of protection NEMA rating design of the housing 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion Mounting/wiring 4X		100A / 250V
operating class of the fuse link Class R Enclosure 4X, 304 stainless steel degree of protection NEMA rating 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion Mounting/wiring 4X		
Enclosure degree of protection NEMA rating 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion Mounting/wiring 4X, 304 stainless steel		
degree of protection NEMA rating 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion Mounting/wiring 4X, 304 stainless steel	0	
design of the housing dustproof, waterproof & resistant to corrosion Mounting/wiring		4X 204 steinless steel
Mounting/wiring		
mounting position vertical	<u> </u>	
fastening method Surface mounting and installation	ning method	
type of electrical connection for supply voltage line-side Box lug		
tightening torque [lbf·in] for supply 120 120 lbf·in	of electrical connection for supply voltage line-side	
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded 1x (14 1/0 AWG)	of electrical connection for supply voltage line-side ening torque [lbf-in] for supply	1x (14 1/0 AWG)
temperature of the conductor for supply maximum 75 °C permissible	of electrical connection for supply voltage line-side ening torque [lbf·in] for supply of connectable conductor cross-sections at line-side	75 °C
material of the conductor for supply AL or CU	of electrical connection for supply voltage line-side ening torque [lbf·in] for supply of connectable conductor cross-sections at line-side NG cables single or multi-stranded perature of the conductor for supply maximum hissible	
type of electrical connection for load-side outgoing feeder Box lug	of electrical connection for supply voltage line-side ening torque [lbf·in] for supply of connectable conductor cross-sections at line-side NG cables single or multi-stranded perature of the conductor for supply maximum hissible	AL or CU
tightening torque [lbf·in] for load-side outgoing feeder 45 45 lbf·in	of electrical connection for supply voltage line-side ening torque [lbf-in] for supply of connectable conductor cross-sections at line-side NG cables single or multi-stranded ereature of the conductor for supply maximum hissible erial of the conductor for supply	
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded 1x (14 2 AWG)	of electrical connection for supply voltage line-side ening torque [lbf-in] for supply of connectable conductor cross-sections at line-side WG cables single or multi-stranded ereature of the conductor for supply maximum hissible erial of the conductor for supply of electrical connection for load-side outgoing feeder	Box lug
temperature of the conductor for load-side outgoing feeder 75 °C maximum permissible	of electrical connection for supply voltage line-side ening torque [lbf-in] for supply of connectable conductor cross-sections at line-side WG cables single or multi-stranded erature of the conductor for supply maximum hissible erial of the conductor for supply of electrical connection for load-side outgoing feeder ening torque [lbf-in] for load-side outgoing feeder of connectable conductor cross-sections at AWG es for load-side outgoing feeder single or multi-	Box lug 45 45 lbf·in

	-	
material of the conductor for load-side outgoing feeder	AL or CU	
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 cables 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 cables 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	7 10 lbf·in	
type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi- stranded	2x (20 14 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 the main circuit required	10kA@600V (Class H or K); 100kA@600V (Class R or J)	
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14	
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=US2:17GUG92XF14		
Service&Support (Manuals, Certificates, Characteristics, FAQs,) <u>https://support.industry.siemens.com/cs/US/en/ps/US2:17GUG92XF14</u> Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)		

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17GUG92XF14&lang=en Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:17GUG92XF14/certificate



D68782001

last modified:

1/25/2022 🖸