SIEMENS

Data sheet

US2:17DUE82WF10



Non-reversing motor starter, Size 1, Three phase full voltage, Solid-state overload relay, OLR amp range 10-40A, 110V 50Hz / 120V 60Hz coil, Combination type, 30A fusible disconnect, 30A/250V fuse clip, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive, Extra-wide enclosure

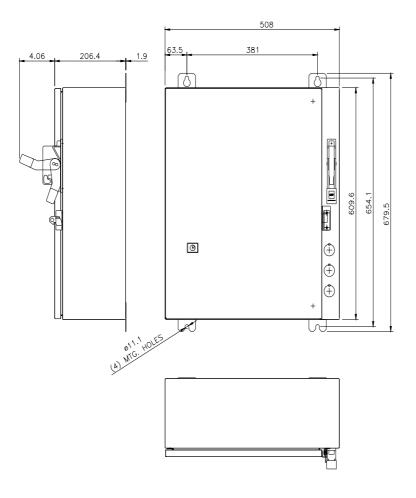
	Fi	gu	re	si	mi	lar
--	----	----	----	----	----	-----

product brand name	Class 17
design of the product	Non-reversing motor starter with fusible disconnect
special product feature	ESP200 overload relay
General technical data	
weight [lb]	48 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]	
 during storage 	-22 +149 °F
during operation	-4 +104 °F
ambient temperature	
 during storage 	-30 +65 °C
 during operation 	-20 +40 °C
country of origin	USA
Horsepower ratings	
yielded mechanical performance [hp] for 3-phase AC motor	
 at 200/208 V rated value 	7.5 hp
 at 220/230 V rated value 	7.5 hp
 at 460/480 V rated value 	0 hp
 at 575/600 V rated value 	0 hp
Contactor	
size of contactor	NEMA controller size 1
number of NO contacts for main contacts	3
operating voltage for main current circuit at AC at 60 Hz maximum	600 V
operational current at AC at 600 V rated value	27 A
mechanical service life (switching cycles) of the main contacts typical	1000000
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	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 AC at 50 Hz rated value 110 V • at AC at 50 Hz rated value 120 V holding power at AC minimum 8.8 W apparent holding power of magnet coil at AC 218 VA 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 of reduct function 50 % OV-delay time 10 24 ms Overload ratay 10 24 ms product function Yes • adaptated protection Yes • adaptated protection Yes • adaptated protection Yes • adaptated rates Yes reset function Yes • adaptated rates Yes reset function Ja 40 A tripping time at phase-loss maximum 3 s relatic at these of auxiliary contac		440.14	
holding power at AC minimum 8.6 W apparent hok-up power of magnet coil at AC 216 VA apparent holding power of magnet coil at AC 25 VA operating range factor control supply voltage rated value 0.85 1.1 of magnet coil 0.85 1.1 percent holding power of magnet coil related to the input voltage 60 % ON-delay time 19 29 ms OFF-delay time 10 24 ms Overload protection Yes • phase failure detection Yes • asymmetry detection Yes • external reset Yes • external reset Yes • external reset Yes reset function Manual, sutomatic and remote trip class CLASS 5/ 10 / 20 (factory set) / 30 adjustable current response value current of the current- 10 40 A dependent overload relayse 1 product feature protective coating on printed-circuit board Yes relative repeat accuracy 1 % perational current of auxiliary contacts of overload relay 1 orbitaria reset of the contacts of auxiliary contacts of overload relay 1 A octart ato 00	• at AC at 50 Hz rated value	110 V	
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 rated value 0.85 1.1 of magnet coil 50 % percental drop-out voltage of magnet coil related to the input voltage 50 % ON-delay time 10 24 ms Overhoad relay 748 product function Yes • overhoad protection Yes • overhoad relay Yes ording function Yes • symmetry detection Yes • ground fault detection Yes • external reset Yes reset function Yes reset function Manual, automatic and remote trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- 10 40 A repart Noter protective coating on printed-circuit board 14% product faustper protective coating on printed-circuit board 1 relay operation at AC rated value 600 V • at DC at 250 V 5 A <t< td=""><td></td><td></td></t<>			
apparent holding power of magnet coil at AC 25 VA operating range factor control supply voltage rated value 0.85 1.1 off-delay time 50 % OV-delay time 19 29 ms OV-delay time 10 24 ms Overload relay 7000000000000000000000000000000000000			
operating range factor control supply voltage rated value of magnet coll 0.85 1.1 percental drop-out voltage of magnet coll related to the imput voltage 50 % ON- delay time 10 24 ms Overload relay product function • overload protection Yes • overload protection Yes • asymmetry detection Yes • asymmetry detection Yes • esternal reset Yes reset function Yes external reset Yes trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload relase 10 40 A tripping time at phase-loss maximum 3 s relative reposet accuracy 1% product flawture protective coating on printed-circuit boad 1 number of NC contacts of auxiliary contacts of overload relay 1 Å operation current of auxiliary contacts of overload relay 5 Å • at DC at 250 V 1 Å contact rating of auxiliary contacts of overload relay 600 V • at DC at 250 V 5 Å • at DC at 250 V <td></td> <td></td>			
of magnet cail percent drop-out voltage of magnet coil related to the input voltage ON-delay time OFF-delay time OFF-delay time OFF-delay time OFF-delay time OVerload protection ves product function ves saynmetry detection ves isst function Ves i			
input voltage 0V-delay time 19 29 ms OV-delay time 10 24 ms Overload rotection Yes • overload protection Yes • opticad protection Yes • opticad fault detection Yes • opticad fault detection Yes • opticad fault detection Yes • external reset Yes reset function Manual, automatic and remote thip class CLASS 5/ 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release 10 40 A tripping time at phase-loss maximum 3 s relative repretat accuracy 1% product fault deverbe coating on printed-circuit boad 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 1A contact rating of auxiliary contacts of overload relay 300 V visition voltage (U) • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value 300 V Disconnect Switch Class R fuse clips <tr< td=""><td></td><td>0.85 1.1</td></tr<>		0.85 1.1	
OFF-delay time 10 24 ms Overload rolay product function • overload protection Yes • phase failure detection Yes • asymmetry detection Yes • ground fault detection Yes • external reset Yes reset 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- 10 40 A dependent overload release 1% product fauter protective coating on printed-circuit board Yes number of NC contacts of auxiliary contacts of overload 1 relay number of NC contacts of auxiliary contacts of overload relay 5 A • at DC at 250 V 1 A operational current of auxiliary contacts of overload relay 5 A • 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 300 V Disconnect Switch 700 Class R fuse clips response value of sw		50 %	
Overload relay product function • overload protection • phase failure detection • asymmetry detection • est function • est function • est function • est function thip class • external reset reset function 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 relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relative repeat accuracy operational current of auxiliary contacts of overload relative repeat accuracy • at AC at 600 V • at AC at 600 V • at AC at 500 V Insulation voltage (UI) • with single-phase operation at AC rated value 600 V 00 v 010 unoltage of protection NEMA rating 020 V 020 V 030 V	ON-delay time	19 29 ms	
product function Yes • overfoad protection Yes • phase failure detection Yes • asymmetry detection Yes • ground fault detection Yes • external reset Yes reset function Yes • external reset Yes reset function Manual, automatic and remote tip joint CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- 10 40 A dependent overfoad release 10 40 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 1 relay eat DC at 250 V 1 A contact rating of auxiliary contacts of overload relay 5 A according to UL insultation voltage (U) • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 800 V isource Sa R fuse clips op	OFF-delay time	10 24 ms	
• overload protection Yes • phase failure detection Yes • asymmetry detection Yes • ground fault detection Yes • external reset Yes reset 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- 10 40 A dependent overload release 10 40 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 1 relay 1 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 5A@600VAC (B600), 1A@250VDC (R300) according to UL insulation voltage (Ui) • • with mille-phase operation at AC rated value 600 V • with mille-phase operation at AC rated value 000 V Disconnet Swi	Overload relay		
• phase failure detection 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 10 40 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 eacording 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) 600 V • with single-phase operation at AC rated value 300 V Disconnect Switch Class R fuse clips response value of switch disconnector 30A / 250V degree of protection NEMA rating 4X, 304 stainless steel degree of protection NEMA rating 4X, 30	product function		
• 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 10 40 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 1 relay number of NC contacts of auxiliary contacts of overload relay 1 operational current of auxiliary contacts of overload relay 4A C at 600 V 5 A • at DC at 250 V 1 A 5 A insulation voltage (Ui) 600 V 5 A • with single-phase operation at AC rated value 600 V 1 • with single-phase operation at AC rated value 300 V 0 Disconnect Switch Class R fuse clips 0 operating class of the fuse link Class R Class R elsign of fuse holder Class R Class R <td> overload protection </td> <td>Yes</td>	 overload protection 	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 10 40 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 eat DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according to UL 5 A insulation voltage (UI) 600 V with multi-phase operation at AC rated value 300 V Disconnect Switch Class R response value of switch disconnector 30A / 250V degree of protection NEMA rating 4X, 304 stainless steel design of the volsing dustproof, waterproof & resistant to corrosion Mounting/wring mounting wating position vertical fastening method Surface mounting and installation	 phase failure 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 10 40 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 5 A • at DC at 250 V 1 A context rating of auxiliary contacts of overload relay 5A@600VAC (B600), 1A@250VDC (R300) according to UL insulation voltage (U) insulation voltage (U) • 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 30A / 250V degree of protection NEMA rating 4X, 304 stainless steel design of the busing dustproof, waterproof & resistant to corrosion Mounting/wring mounting position mounting position v	 asymmetry 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 10 40 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 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) 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 fuse clips operating class of the fuse link Class R fuse clips operating class of the fuse link Class R	 ground fault detection 	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 10 40 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 eat AC at 600 V 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay according out. 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 V Disconnect Switch Class R fuse clips Class R response value of switch disconnector 30A / 250V Class R degree of protection NEMA rating 4X, 304 stainless steel deustproof & resistant to corrosion design of the housing dustproof & aresistant to corrosion munting/witing mounting position vertical Surface mounting and installation	test function	Yes	
trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release 10 40 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 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) • 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 300 V Disconnect Switch Class R fuse clips response value of switch disconnector 30A / 250V design of fuse holder Class R operating class of the fuse link Class R Enclosure design of the housing design of the housing dustproof, waterproof & resistant to corrosion Mounting/wring	external reset	Yes	
trip class CLASS 5 / 10 / 20 (factory set) / 30 adjustable current response value current of the current- dependent overload release 10 40 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 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) • 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 300 V Disconnect Switch Class R fuse clips response value of switch disconnector 30A / 250V design of fuse holder Class R operating class of the fuse link Class R Enclosure design of the housing design of the housing dustproof, waterproof & resistant to corrosion Mounting/wring	reset function		
adjustable current response value current of the current- dependent overload release 10 40 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) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value 600 V bisconnect Switch response value of switch disconnector 30A / 250V degree of protection NEMA rating 4X, 304 stainless steel degree of protection NEMA rating 4X, 304 stainless steel design of the housing ustproof, waterproof & resistant to corrosion Mounting/wring mounting position vertical	trip class	·	
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 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) 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 30A / 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 Mounting/wiring vertical fastening method Surface mounting and installation </td <td>adjustable current response value current of the current-</td> <td></td>	adjustable 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 5 A • at DC at 250 V 1 A contact rating of auxiliary contacts of overload relay 5A 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 30A / 250V design of fuse holder Class R operating class of the fuse link Class R degree of protection NEMA rating 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion Mounting/wiring vertical fastening method Surface mounting and installation		3 s	
product feature protective coating on printed-circuit board Yes 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 DC at 250 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) • 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 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 vertical fastening method Surface mounting and installation		1 %	
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 5 A@600VAC (B600), 1A@250VDC (R300) insulation voltage (Ui) • with single-phase operation at AC rated value • 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 30A / 250V degree of protection NEMA rating 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion Mounting/wiring vertical mounting position vertical			
number of NO 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 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 • 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 • with multi-phase operation at AC rated value 600 V • 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 Mounting/wiring vertical mounting position vertical	number 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 • with single-phase operation at AC rated value 600 V • with multi-phase operation at AC rated value 300 V Disconnect Switch 200 V response value of switch disconnector 30A / 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 Vertical mounting position vertical fastening method Surface mounting and installation	number 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 30A / 250V response value of switch disconnector 30A / 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 Mounting/wiring vertical mounting position vertical fastening method Surface mounting and installation	operational current of auxiliary contacts of overload relay		
contact rating of auxiliary contacts of overload relay according to UL5A@600VAC (B600), 1A@250VDC (R300)insulation voltage (Ui) • with single-phase operation at AC rated value600 V• with multi-phase operation at AC rated value300 V Disconnect Switch 30A / 250Vresponse value of switch disconnector30A / 250Vdesign of fuse holder operating class of the fuse linkClass R fuse clips Enclosure degree of protection NEMA rating design of the housingdegree of protection NEMA rating design of the housing4X, 304 stainless steeldesign of the housingverticalmounting position fastening methodvertical		5 A	
contact rating of auxiliary contacts of overload relay according to UL5A@600VAC (B600), 1A@250VDC (R300)insulation voltage (Ui) • with single-phase operation at AC rated value600 V• with multi-phase operation at AC rated value300 V Disconnect Switch 30A / 250Vresponse value of switch disconnector30A / 250Vdesign of fuse holder operating class of the fuse linkClass R fuse clips Enclosure degree of protection NEMA rating design of the housingdegree of protection NEMA rating design of the housing4X, 304 stainless steeldesign of the housingverticalmounting position fastening methodvertical	• at DC at 250 V	1 A	
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 30A / 250V response value of switch disconnector 30A / 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 Mounting/wiring vertical fastening method Surface mounting and installation	contact 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 30A / 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 Mounting/wiring vertical fastening method Surface mounting and installation			
with multi-phase operation at AC rated value 300 V Disconnect Switch response value of switch disconnector 30A / 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 mounting position vertical fastening method Surface mounting and installation		600 V	
Disconnect Switch response value of switch disconnector 30A / 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 Mounting/wiring vertical fastening method Surface mounting and installation			
response value of switch disconnector 30A / 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 Mounting/wiring vertical fastening method Surface mounting and installation			
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 mounting position vertical fastening method Surface mounting and installation		30A / 250V	
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 mounting position fastening method Surface mounting and installation			
Enclosure degree of protection NEMA rating 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion Mounting/wiring mounting position fastening method Surface mounting and installation			
degree of protection NEMA rating 4X, 304 stainless steel design of the housing dustproof, waterproof & resistant to corrosion Mounting/wiring mounting position fastening method Surface mounting and installation			
design of the housing dustproof, waterproof & resistant to corrosion Mounting/wiring vertical mounting position vertical fastening method Surface mounting and installation		AV 204 steipless steel	
Mounting/wiring vertical mounting position vertical fastening method Surface mounting and installation			
mounting position vertical fastening method Surface mounting and installation	<u> </u>	uustproot, waterproot & resistant to corrosion	
fastening method Surface mounting and installation			
type of electrical connection for supply voltage line-side Box lug		Surface mounting and installation	
	type of electrical connection for supply voltage line-side	Box lug	
tightening torque [lbf·in] for supply 35 35 lbf·in		35 35 lbf·in	
type of connectable conductor cross-sections at line-side 1x (14 2 AWG) at AWG cables single or multi-stranded		1x (14 2 AWG)	
temperature of the conductor for supply maximum 75 °C	1 11 3	75 °C	
material of the conductor for supply AL or CU	material of the conductor for supply	AL or CU	
type of electrical connection for load-side outgoing feeder Screw-type terminals	type of electrical connection for load-side outgoing feeder	Screw-type terminals	
tightening torque [lbf·in] for load-side outgoing feeder 35 35 lbf·in		35 35 lbf·in	
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded 1x (14 2 AWG)	type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded		
temperature of the conductor for load-side outgoing feeder 75 °C maximum permissible		75 °C	

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=US2:17DUE82WF10 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:17DUE82WF10				
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)				

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17DUE82WF10&lang=en Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:17DUE82WF10/certificate



last modified:

1/25/2022 🖸