## **SIEMENS**

product brand name

Data sheet US2:73FS36BFA

Class 73

Enclosed soft starter, Controller 3RW40766BB34, Std. duty rating 125HP @200V, Std. duty current rating 385A Control voltage 115Vac Enclosure NEMA type 1, Indoor general purpose use



product brand name	Class 13
design of the product	Enclosed soft starter
special product feature	Control transformer, built-in overload relay and bypass contactor included.
General technical data	
weight [lb]	195 lb
Height x Width x Depth [in]	54 × 36 × 20 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
<ul> <li>during operation</li> </ul>	-4 +104 °F
ambient temperature	
during storage	-30 +65 °C
during operation	-20 +40 °C
country of origin	USA
Power and control electronics	
manufacturer's article number of soft starter	3RW40766BB34
number of poles for main current circuit	3
design of power semiconductors (thyristors) for soft starter control	2 controlled phases
operating range factor supply voltage rated value	0.85 1.1
operating range factor of control voltage rated value	0.85 1.1
operating condition for standard duty	Class 10 standard duty (350% of motor FLA for 10 seconds)
operating condition for severe duty	Class 20 severe duty (350% of motor FLA for 20 seconds)
Features and functions	
ramp-up (soft starting)/ramp-down (soft stop)	Yes
starting voltage [%]	40 100 %
stopping voltage [%]	40 100 %
voltage ramp	Yes
ramp-up time	0 20 s
ramp-down time	0 20 s
torque control	No
adjustable current limitation	Yes
creep speed in both directions of rotation	No
pump ramp down	No
integrated bypass contact system	Yes
external isolation contactor	No
intrinsic device protection	Yes
overload protection	Yes
trip class	CLASS 5 / 15 / 20

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type of electrical connection for auxiliary and control circuit  tightening torque [lbf-in] for auxiliary and control contacts with screw-type terminals  temperature of the conductor for auxiliary and control contacts maximum permissible  material of the conductor for auxiliary and control contacts  CU		75 °C
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screw-type terminals  temperature of the conductor for auxiliary and control contacts maximum permissible material of the conductor for auxiliary and control contacts  CU	type of electrical connection for auxiliary and control circuit	screw-type terminals
temperature of the conductor for auxiliary and control contacts maximum permissible material of the conductor for auxiliary and control contacts  CU		7 10 lbf·in
material of the conductor for auxiliary and control contacts  CU	temperature of the conductor for auxiliary and control contacts	75 °C
	·	CU
onort ordan sarront ruting	Short-circuit current rating	
design of the fuse link for short-circuit protection of the main  10kA@600V (Class H or K); 100kA@600V (Class R or J)		10kA@600V (Class H or K): 100kA@600V (Class R or I)

circuit required	
design of the short-circuit trip	Thermal magnetic circuit breaker
maximum short-circuit current breaking capacity (Icu)	
• at 240 V	100 kA
• at 480 V	100 kA
● at 600 V	0 kA
certificate of suitability	NEMA ICS 2; UL 508A
Further information	

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

Industry Mall (Online ordering system)

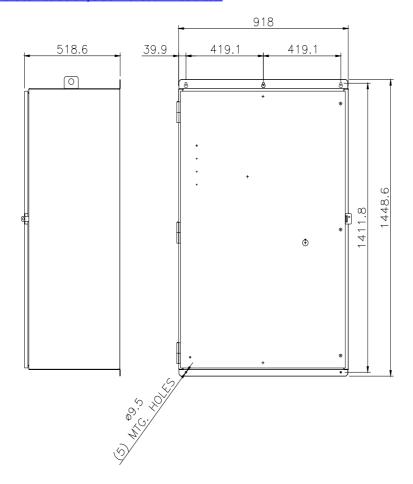
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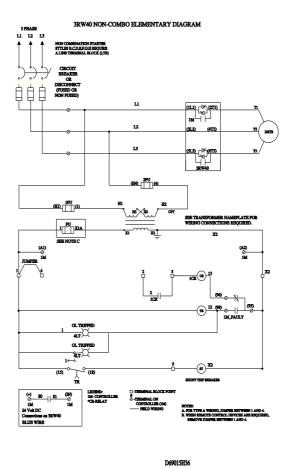
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Certificates/approvals

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