SIEMENS

Data sheet US2:73LT340FA



Enclosed soft starter, Controller 3RW44446BC34, Std. duty rating 150Hp @460V, Std. duty current rating 215A, Control voltage 115 AC, Noncombination type, Enclosure NEMA type 12, Dust/drip proof for indoors

Figure similar

product brand name	Class 73
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]	113 lb
Height x Width x Depth [in]	36 × 22 × 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
during operation	-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	3RW44446BC34
number of poles for main current circuit	3
design of power semiconductors (thyristors) for soft starter control	3 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 [%]	20 100 %
stopping voltage [%]	20 100 %
voltage ramp	Yes
ramp-up time	1 360 s
ramp-down time	1 360 s
torque control	Yes
starting torque [%]	20 100 %
stopping torque [%]	20 100 %
torque limitation [%]	20 200 %
ramp time of torque	1 360 s
adjustable current limitation	Yes
creep speed in both directions of rotation	Yes

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temperature of the conductor for load-side outgoing feeder maximum permissible	75 °C
material of the conductor for load-side outgoing feeder	CU
type of electrical connection for auxiliary and control circuit	screw-type terminals
tightening torque [lbf·in] for auxiliary and control contacts with screw-type terminals	7 10 lbf-in
temperature of the conductor for auxiliary and control contacts maximum permissible	75 °C
material of the conductor for auxiliary and control 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, J or L)
•	10kA@600V (Class H or K); 100kA@600V (Class R, J or L) Thermal magnetic circuit breaker
main circuit required	
main circuit required design of the short-circuit trip	
main circuit required design of the short-circuit trip breaking capacity maximum short-circuit current (Icu)	Thermal magnetic circuit breaker
main circuit required design of the short-circuit trip breaking capacity maximum short-circuit current (Icu) • at 240 V	Thermal magnetic circuit breaker 100 kA
main circuit required design of the short-circuit trip breaking capacity maximum short-circuit current (Icu) • at 240 V • at 480 V	Thermal magnetic circuit breaker 100 kA 100 kA

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=US2:73LT340FA

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

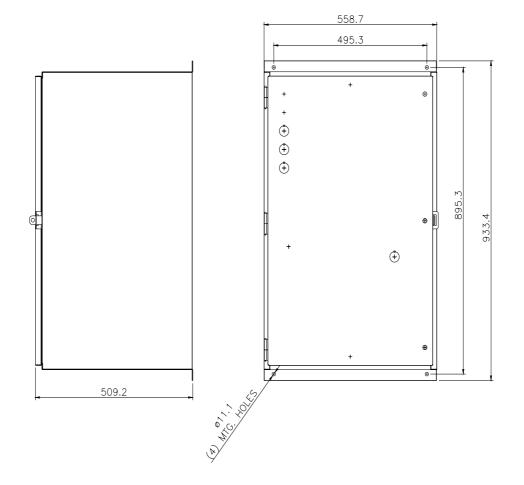
https://support.industry.siemens.com/cs/US/en/ps/US2:73LT340FA

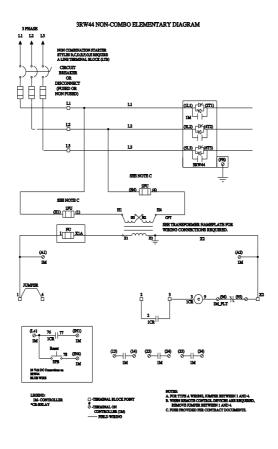
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:73LT340FA&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:73LT340FA/certificate





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last modified: 1/25/2022 🖸