SIEMENS

Data sheet US2:17CUC92XS



Non-reversing motor starter Size 0 Three phase full voltage Solidstate overload relay OLRelay amp range 3-12A 24Vdc coil Combination type 30Amp non-fusible disconnect Encl NEMA type 4X 316 S-steel Water/dust tight non-corrosive Standard width enclosure

Figure similar

| General technical data | | | |
|--------------------------------------------------------------|----------------------------|--|--|
| Height x Width x Depth [in] | 24 × 11 × 8 in | | |
| 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 | | |
| Ambient temperature [°F] during operation | -4 +104 °F | | |
| Ambient temperature during storage | -30 +65 °C | | |
| Ambient temperature during operation | -20 +40 °C | | |

| lorsepower ratings | |
|-----------------------------------------------------|------|
| Yielded mechanical performance [hp] for three-phase | |
| AC motor | |
| • at 200/208 V rated value | 2 hp |
| • at 220/230 V rated value | 2 hp |
| ● at 460/480 V rated value | 5 hp |
| ● at 575/600 V rated value | 5 hp |
| | |

Contactor

| Number of NO contacts for main contacts | 3 | | |
|--------------------------------------------------------|--------------------------------------|--|--|
| Operating current at AC at 600 V rated value | 18 A | | |
| Mechanical service life (switching cycles) of the main | 10000000 | | |
| contacts typical | | | |
| Auxiliary contact | | | |
| Number of NC contacts at contactor for auxiliary | 0 | | |
| contacts | | | |
| Number of NO contacts at contactor for auxiliary | 1 | | |
| contacts | | | |
| Number of total auxiliary contacts maximum | 8 | | |
| Contact rating of auxiliary contacts of contactor | 10A@600VAC (A600), 5A@600VDC (P600) | | |
| according to UL | | | |
| Coil | | | |
| Type of voltage of the control supply voltage | DC | | |
| Control supply voltage | | | |
| • at DC rated value | 24 24 V | | |
| • at AC at 60 Hz rated value | 0 0 V | | |
| • at AC at 50 Hz rated value | 0 0 V | | |
| Holding power at AC minimum | 0 W | | |
| Apparent pick-up power of magnet coil at AC | 163 V·A | | |
| Apparent holding power of magnet coil at AC | 5.5 V·A | | |
| Operating range factor control supply voltage rated | 0.85 1.1 | | |
| value of magnet coil | | | |
| Percental drop-out voltage of magnet coil related to | 25 % | | |
| the input voltage | | | |
| Switch-on delay time | 21 21 ms | | |
| Off-delay time | 11 11 ms | | |
| Overload relay | | | |
| Product function | | | |
| Overload protection | Yes | | |
| Phase failure detection | Yes | | |
| Phase unbalance | 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 pick-up value current of the current- | 3 12 A | | |
| dependent overload release | | | |
| Make time with automatic start after power failure | 3 s | | |
| maximum | | | |
| 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 | | |
| Operating current of auxiliary contacts of overload relay | | | |
| • 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 | | | |
| with single-phase operation at AC rated value | 600 V | | |
| • with multi-phase operation at AC rated value | 300 V | | |
| Disconnect Switch | | | |
| Rated response values of switch disconnector | 30A / 600V | | |
| Design of fuse holder | non-fusible | | |
| Operating class of the fuse link | non-fusible | | |
| Mounting/wiring | | | |
| (mounting position) | vertical | | |
| (mounting type) | 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 | | |
| Type of connectable conductor cross-sections at line- side at AWG conductors single or multi-stranded | 1x (14 2 AWG) | | |
| Temperature of the conductor for supply maximum permissible | 75 °C | | |
| Material of the conductor for supply | AL or CU | | |
| Type of electrical connection for load-side outgoing feeder | Screw-type terminals | | |
| Tightening torque [lbf·in] for load-side outgoing feeder | 20 20 lbf·in | | |
| Type of connectable conductor cross-sections at AWG conductors for load-side outgoing feeder single or multi-stranded | 1x (14 2 AWG) | | |
| Temperature of the conductor for load-side outgoing feeder 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 conductors 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 conductors 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 conductors 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 |

| 01 | | current | |
|-------|-----------|----------|---------|
| Short | -circilit | CHITTANT | rating |
| | Gii Guit | Current | Talling |

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)

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=US2:17CUC92XS

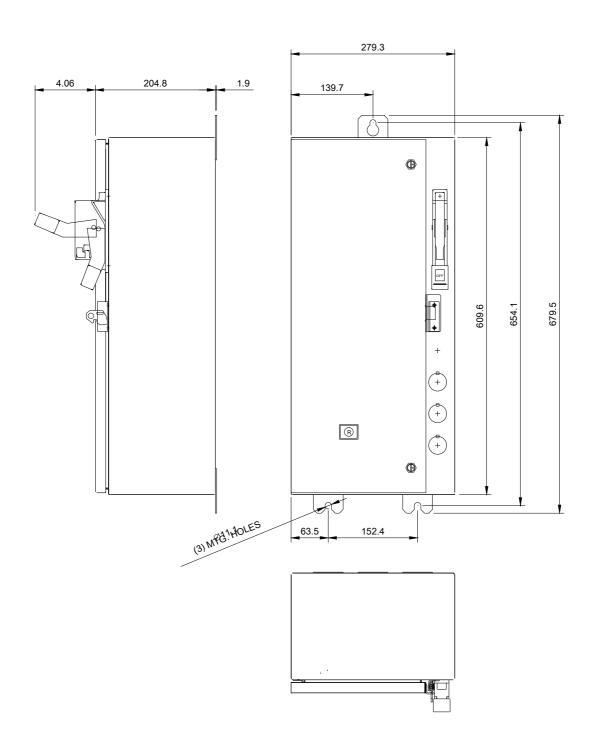
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

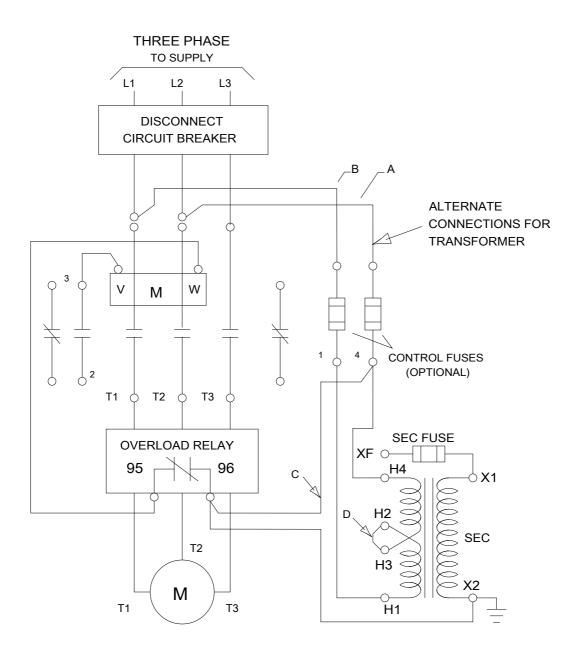
https://support.industry.siemens.com/cs/US/en/ps/US2:17CUC92XS

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17CUC92XS&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:17CUC92XS/certificate





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