## SIEMENS

## Data sheet

## US2:83JUH95EJ



Duplex starter w/o alternator, Size 4, Three phase full voltage, Solid-state overload relay, OLR amp range 50-200A, 24VAC 50-60Hz coil, Non-combination type, Enc NEMA type 4 painted steel, Water/dust tight for outdoors

| product brand name  | Class 83                             |  |
|---|--------------------------------------|--|
| design of the product   | Duplex controller without alternator |  |
| special product feature   | ESP200 overload relay                |  |
| General technical data  |                                      |  |
| weight [lb]   | 93 lb                                |  |
| Height x Width x Depth [in]   | 29 × 23 × 9 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  | 40 hp                                |  |
| • at 220/230 V rated value  | 50 hp                                |  |
| • at 460/480 V rated value  | 100 hp                               |  |
| • at 575/600 V rated value  | 100 hp                               |  |
| Contactor   |                                      |  |
| size of contactor   | NEMA controller size 4               |  |
| number of NO contacts for main contacts                                 | 3                                    |  |
| operating voltage for main current circuit at AC at 60 Hz<br>maximum    | 600 V                                |  |
| operational current at AC at 600 V rated value                          | 135 A                                |  |
| mechanical service life (operating cycles) of the main contacts typical | 500000                               |  |
| 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 to UL       | 10A@600VAC (A600), 5A@600VDC (P600)  |  |
| Coil  |                                      |  |
| type of voltage of the control supply voltage                           | AC                                   |  |
| control supply voltage  |                                      |  |
| at DC rated value   | 0 0 V                                |  |
| • at AC at 50 Hz rated value  | 24 24 V                              |  |
| • at AC at 60 Hz rated value  | 24 24 V                              |  |
| holding power at AC minimum   | 22 W                                 |  |

| opporant nick up now or of managed as it at AQ  | 510 V/A  |
|---|--|
| apparent pick-up power of magnet coil at AC   | 510 VA   |
| apparent holding power of magnet coil at AC<br>operating range factor control supply voltage rated value of   | 51 VA<br>0.85 1.1  |
| magnet coil   | 0.85 1.1   |
| percental drop-out voltage of magnet coil related to the input  | 50 %   |
| voltage   |  |
| ON-delay time   | 18 34 ms   |
| OFF-delay time  | 10 12 ms   |
| Overload relay  |  |
| product function  | Nee.   |
| overload protection   | Yes  |
| phase failure detection   | Yes  |
| <ul> <li>asymmetry detection</li> <li>ground fault detection</li> </ul>   | Yes  |
| test function   | Yes  |
| external reset  | Yes  |
| reset function  | Manual, automatic and remote   |
| adjustable current response value current of the current-   | 50 200 A   |
| dependent overload release  |  |
| 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   |  |
| • 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)   |  |
| <ul> <li>with single-phase operation at AC rated value</li> </ul>   | 600 V  |
|   |  |
| <ul> <li>with multi-phase operation at AC rated value</li> </ul>  | 300 V  |
|   | 300 V  |
| with multi-phase operation at AC rated value  | 300 V<br>NEMA 4 enclosure  |
| with multi-phase operation at AC rated value Enclosure  |  |
| with multi-phase operation at AC rated value Enclosure degree of protection NEMA rating of the enclosure  | NEMA 4 enclosure   |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing  | NEMA 4 enclosure   |
| with multi-phase operation at AC rated value Enclosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring  | NEMA 4 enclosure<br>dustproof, waterproof & weatherproof   |
| with multi-phase operation at AC rated value Enclosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position  | NEMA 4 enclosure<br>dustproof, waterproof & weatherproof<br>Vertical   |
| with multi-phase operation at AC rated value Enclosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method   | NEMA 4 enclosure<br>dustproof, waterproof & weatherproof<br>Vertical<br>Surface mounting and installation  |
| with multi-phase operation at AC rated value  Enclosure  degree of protection NEMA rating of the enclosure  design of the housing  Mounting/wiring  mounting position fastening method type of electrical connection for supply voltage line-side   | NEMA 4 enclosure<br>dustproof, waterproof & weatherproof<br>Vertical<br>Surface mounting and installation<br>Box lug   |
| with multi-phase operation at AC rated value  Enclosure  degree of protection NEMA rating of the enclosure design of the housing  Mounting/wiring  mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for  | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C   |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf-in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor for supply   | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf·in         1x (6 AWG 250 MCM)         75 °C         CU  |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf-in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor for supply     type of electrical connection for load-side outgoing feeder   | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug  |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf-in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor for supply     type of electrical connection for load-side outgoing feeder     tightening torque [lbf-in] for load-side outgoing feeder  | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf·in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf·in   |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf-in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor for supply     type of electrical connection for load-side outgoing feeder     tightening torque [lbf-in] for load-side outgoing feeder     type of connectable conductor cross-sections for AWG cables     for load-side outgoing feeder  | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf·in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf·in         1x (6 AWG 250 MCM)  |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf-in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor cross-sections for AWG cables     for load-side outgoing feeder     type of connectable conductor cross-sections for AWG cables     for load-side outgoing feeder     type of connectable conductor cross-sections for AWG cables     for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     temperature of the conductor for load-side outgoing feeder | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf·in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf·in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf·in         1x (6 AWG 250 MCM)         75 °C   |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf-in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor for load-side outgoing feeder     tightening torque [lbf-in] for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of load-side outgoing feeder     temperature of the conductor for load-side outgoing feeder     maximum permissible     material of the conductor for load-side outgoing feeder     maximum permissible  | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU   |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf·in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor for load-side outgoing feeder     tightening torque [lbf·in] for load-side outgoing feeder     type of connectable conductor cross-sections for AWG cables     for load-side outgoing feeder     tightening torque [lbf·in] for load-side outgoing feeder     tightening torque [lbf·in] for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of load-side outgoing feeder     type of the conductor for load-side outgoing feeder     type of the conductor for load-side outgoing feeder     type of electrical connection for load-side outgoing feeder   | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf·in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf·in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf·in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         CU 250 MCM)         75 °C         CU         Screw-type terminals  |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf·in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor for load-side outgoing feeder     tightening torque [lbf·in] for load-side outgoing feeder     type of connectable conductor cross-sections for AWG cables     for load-side outgoing feeder     tightening torque [lbf·in] for load-side outgoing feeder     tightening torque [lbf·in] for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of electrical connection for load-side outgoing feeder     typ | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf·in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf·in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf·in         1x (6 AWG 250 MCM)         75 °C         CU         Screw-type terminals         5 12 lbf·in   |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf·in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor cross-sections for AWG cables     for load-side outgoing feeder     tightening torque [lbf·in] for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     tightening torque [lbf·in] for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of electrical connection for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of electrical connection for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of electrical connection of magnet coil     tightening torque [lbf·in] at magnet coil     type of connectable conductor cross-sections of magnet coil for     AWG cables single or multi-stranded   | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Screw-type terminals         5 12 lbf-in         2x (16 12 AWG)  |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf·in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor for load-side outgoing feeder     tightening torque [lbf·in] for load-side outgoing feeder     type of connectable conductor cross-sections for AWG cables     for load-side outgoing feeder     type of electrical connection for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of the conductor for load-side outgoing feeder     type of electrical connection of magnet coil     tightening torque [lbf·in] at magnet coil     type of connectable conductor cross-sections of magnet coil for  | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Screw-type terminals         5 12 lbf-in         2x (16 12 AWG)         75 °C  |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf-in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor for load-side outgoing feeder     tightening torque [lbf-in] for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of electrical connection of magnet coil     type of electrical connection of magnet coil     type of connectable conductor for supply context of the conductor for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of electrical connection of magnet coil     type of electrical connection of magnet coil     type of connectable conductor cross-sections of magnet coil     type of connectable conductor at magnet coil maximum   | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Screw-type terminals         5 12 lbf-in         2x (16 12 AWG)  |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf·in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor for load-side outgoing feeder     tightening torque [lbf·in] for load-side outgoing feeder     tightening torque [lbf·in] for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     tightening torque [lbf·in] for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of electrical connection of magnet coil     tightening torque [lbf·in] at magnet coil     type of connectable conductor cross-sections of magnet coil for     AWG cables single or multi-stranded     temperature of the conductor at magnet coil maximum     permissible  | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Screw-type terminals         5 12 lbf-in         2x (16 12 AWG)         75 °C  |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf-in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor for supply     type of connectable conductor cross-sections for AWG cables     for load-side outgoing feeder     tightening torque [lbf-in] for load-side outgoing feeder     tightening torque [lbf-in] for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of electrical connection of nagnet coil     temperature of the conductor for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of electrical connection of magnet coil     type of electrical connection of magnet coil     type of electrical connection of magnet coil     type of connectable conductor cross-sections of magnet coil for     AWG cables single or multi-stranded     temperature of the conductor at magnet coil     type of electrical connection at contactor for auxiliary contacts     tightening torque [lbf-in] at contactor for auxiliary contacts   | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Screw-type terminals         5 12 lbf-in         2x (16 12 AWG)         75 °C         CU         Screw-type terminals         10 15 lbf-in |
| with multi-phase operation at AC rated value     Enclosure     degree of protection NEMA rating of the enclosure     design of the housing     Mounting/wiring     mounting position     fastening method     type of electrical connection for supply voltage line-side     tightening torque [lbf-in] for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply maximum permissible     material of the conductor for supply     type of connectable conductor cross-sections for AWG cables     for load-side outgoing feeder     tightening torque [lbf-in] for load-side outgoing feeder     tightening torque [lbf-in] for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of electrical connection of magnet coil     tightening torque [lbf-in] at magnet coil     type of connectable conductor at magnet coil maximum     permissible     material of the conductor at magnet coil     type of electrical connection at contactor for auxiliary contacts  | NEMA 4 enclosure         dustproof, waterproof & weatherproof         Vertical         Surface mounting and installation         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Box lug         200 200 lbf-in         1x (6 AWG 250 MCM)         75 °C         CU         Screw-type terminals         5 12 lbf-in         2x (16 12 AWG)         75 °C         CU         Screw-type terminals                      |

|  | -   |  |
|--|---|--|
| 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<br>for AWG cables for auxiliary contacts single or multi-stranded | 2x (20 14 AWG)                                      |  |
| temperature of the conductor at overload relay for auxiliary<br>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<br>circuit required   | 10kA@600V (Class H or K); 100kA@600V (Class R or J) |  |
| design of the short-circuit trip   | Thermal magnetic circuit breaker                    |  |
| maximum short-circuit current breaking capacity (Icu)  |   |  |
| • at 240 V   | 10 kA   |  |
| • at 480 V   | 10 kA   |  |
| • at 600 V   | 10 kA   |  |
| certificate of suitability   | NEMA ICS 2; UL 508; CSA 22.2, No.14                 |  |
| Further information  |   |  |

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=US2:83JUH95EJ

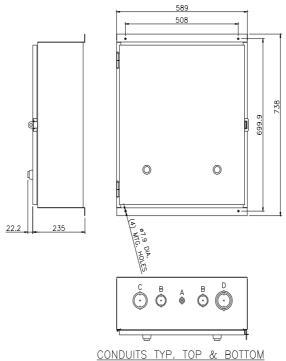
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/US/en/ps/US2:83JUH95E

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:83JUH95EJ&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:83JUH95EJ/certificate



| LETTER | CONDUIT SIZE                      |
|--------|-----------------------------------|
| A      | ø12.7 & ø19 DIA. CONDUIT          |
| В      | ø31.8 & ø38.1 DIA. CONDUIT        |
| С      | ø50.8 & ø63.5 DIA. CONDUIT        |
| D      | ø50.8, ø63.5 & ø76.2 DIA. CONDUIT |
|        |                                   |

last modified:

1/25/2022 🖸