



Pump control panel, NEMA Size 3, Three phase full voltage, 100A motor circuit protector, Solid-state overload relay, OLR amp range 25-100A, 480 V AC 60Hz coil, HOA selector switch, Start push button, Enclosure NEMA type 3R, Weather proof outdoor use, Standards: UL 60947-1, Certifications: cULus, Listed Service Entrance Equip

|                                                                        |                                              |
|------------------------------------------------------------------------|----------------------------------------------|
| design of the product                                                  | Pump control panel with MCP                  |
| special product feature                                                | ESP200 overload relay                        |
| <b>General technical data</b>                                          |                                              |
| Height x Width x Depth [in]                                            | 41 × 24 × 8 in                               |
| touch protection against electrical shock                              | NA for enclosed products                     |
| country of origin                                                      | Mexico                                       |
| <b>Contactor</b>                                                       |                                              |
| size of contactor                                                      | NEMA controller size 3                       |
| number of NO contacts for main contacts                                | 3                                            |
| operating voltage for main current circuit at AC at 60 Hz maximum      | 600 V                                        |
| <b>Auxiliary contact</b>                                               |                                              |
| contact rating of auxiliary contacts of contactor according to UL      | 10A@600VAC (A600), 5A@600VDC (P600)          |
| <b>Coil</b>                                                            |                                              |
| type of voltage of the control supply voltage                          | AC                                           |
| <b>Overload relay</b>                                                  |                                              |
| product function                                                       |                                              |
| • overload protection                                                  | Yes                                          |
| • 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 (factory set) / 20 / 30         |
| product feature protective coating on printed-circuit board            | Yes                                          |
| contact rating of auxiliary contacts of overload relay according to UL | 5A@600VAC (B600), 1A@250VDC (R300)           |
| <b>Enclosure</b>                                                       |                                              |
| degree of protection NEMA rating of the enclosure                      | NEMA Type 3R                                 |
| design of the housing                                                  | Weather proof for outdoor use                |
| <b>Standard Control Devices</b>                                        |                                              |
| product component Hand-Off-Auto selector switch                        | Yes                                          |
| type of Hand-Off-Auto selector switch                                  | 30mm metal housing with matte finish         |
| product component start push button                                    | Yes                                          |
| type of start push button                                              | 30mm metal housing with matte finish         |
| <b>Circuit Breaker</b>                                                 |                                              |
| type of the motor protection                                           | Motor circuit protector (magnetic trip only) |
| <b>Mounting/wiring</b>                                                 |                                              |
| mounting position                                                      | Vertical                                     |

|                                                                                                                               |                                        |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| fastening method                                                                                                              | Surface mounting and installation      |
| type of electrical connection for supply voltage line-side                                                                    | Box lug                                |
| type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded                             | 1x (10 AWG ... 1/0 AWG)                |
| material of the conductor for supply                                                                                          | AL or CU                               |
| type of electrical connection for load-side outgoing feeder                                                                   | Screw-type terminals                   |
| type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded            | 2x (10 ... 1/0 AWG), 1x (10 ... 2 AWG) |
| material of the conductor for load-side outgoing feeder                                                                       | CU                                     |
| type of electrical connection of magnet coil                                                                                  | Screw-type terminals                   |
| type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded                           | 2x (20 ... 16 AWG), 2x (18 ... 14 AWG) |
| material of the conductor at magnet coil                                                                                      | CU                                     |
| type of electrical connection at contactor for auxiliary contacts                                                             | Screw-type terminals                   |
| type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded      | 2x (20 ... 16 AWG), 2x (18 ... 14 AWG) |
| material of the conductor at contactor for auxiliary contacts                                                                 | CU                                     |
| type of electrical connection at overload relay for auxiliary contacts                                                        | Screw-type terminals                   |
| type of connectable conductor cross-sections at overload relay for AWG cables for auxiliary contacts single or multi-stranded | 2x (20 ... 14 AWG)                     |
| material of the conductor at overload relay for auxiliary contacts                                                            | CU                                     |
| <b>Short-circuit current rating</b>                                                                                           |                                        |
| design of the short-circuit trip                                                                                              | Instantaneous trip circuit breaker     |
| certificate of suitability                                                                                                    | NEMA ICS 2; UL 508                     |
| <b>General Product Approval</b>                                                                                               | <b>other</b>                           |



[Confirmation](#)

#### Further information

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

[www.usa.siemens.com/iccatalog](http://www.usa.siemens.com/iccatalog)

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=3RE4813-0GN76-4GA0>

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

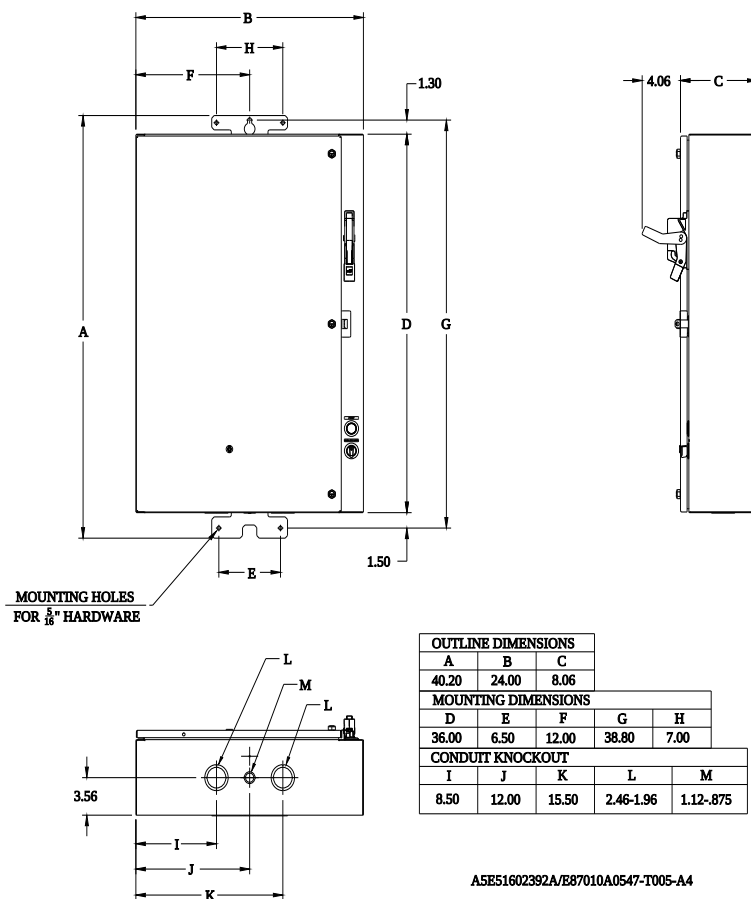
<https://support.industry.siemens.com/cs/US/en/ps/3RE4813-0GN76-4GA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RE4813-0GN76-4GA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RE4813-0GN76-4GA0&lang=en)

**Certificates/approvals**

<https://support.industry.siemens.com/cs/US/en/ps/3RE4813-0GN76-4GA0/certificate>



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