



Contactor, 45DP,30A,1P,Open,120 Contactor, 45DP,30A,1P,Open,120

|                                                                                                   |                                            |
|---------------------------------------------------------------------------------------------------|--------------------------------------------|
| product brand name                                                                                | Class 45 DP Contactors                     |
| design of the product                                                                             | Non-reversing Definite Purpose Contactor   |
| special product feature                                                                           | Enclosed body and coil with standard cover |
| General technical data                                                                            |                                            |
| weight [lb]                                                                                       | 0.58 lb                                    |
| Height x Width x Depth [in]                                                                       | 3.19 × 1.97 × 2.46 in                      |
| touch protection against electrical shock                                                         | Not finger-safe                            |
| ambient temperature [°F]                                                                          |                                            |
| • during storage                                                                                  | 158 °F                                     |
| • during operation                                                                                | 158 ... 158 °F                             |
| ambient temperature                                                                               |                                            |
| • during storage                                                                                  | 75 °C                                      |
| • during operation                                                                                | 70 ... 70 °C                               |
| country of origin                                                                                 | China                                      |
| number of poles for main current circuit                                                          | 1                                          |
| Contactor                                                                                         |                                            |
| size of contactor                                                                                 | 30A                                        |
| number of NO contacts for main contacts                                                           | 1                                          |
| operating voltage for main current circuit at AC at 60 Hz maximum                                 | 600 V                                      |
| mechanical service life (operating cycles) of the main contacts typical                           | 250000                                     |
| Auxiliary contact                                                                                 |                                            |
| number of NC contacts for auxiliary contacts                                                      | 0                                          |
| number of NO contacts for auxiliary contacts                                                      | 0                                          |
| number of NC contacts at contactor for auxiliary contacts                                         | 0                                          |
| number of NO contacts at contactor for auxiliary contacts                                         | 0                                          |
| number of total auxiliary contacts maximum                                                        | 0                                          |
| Coil                                                                                              |                                            |
| control supply voltage                                                                            |                                            |
| • at AC at 50 Hz rated value                                                                      | 110 V                                      |
| • at AC at 60 Hz rated value                                                                      | 110 ... 120 V                              |
| Enclosure                                                                                         |                                            |
| degree of protection NEMA rating of the enclosure                                                 | Open device (no enclosure)                 |
| Mounting/wiring                                                                                   |                                            |
| mounting position                                                                                 | vertical                                   |
| fastening method                                                                                  | Surface mounting and installation          |
| type of electrical connection for supply voltage line-side                                        | Screw-type terminals                       |
| tightening torque [lbf-in] for supply                                                             | 25 ... 25 lbf-in                           |
| type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded | 8 AWG                                      |

|                                                                                                                    |                                      |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 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 | 8 AWG                                |
| type of electrical connection of magnet coil                                                                       | Quick connects                       |
| type of electrical connection at contactor for auxiliary contacts                                                  | Screw-type terminals                 |
| <b>Certificates/ approvals</b>                                                                                     |                                      |
| certificate of suitability                                                                                         | cRUus, ARI 780 & 790, UL File E14900 |
| <b>Approvals Certificates</b>                                                                                      |                                      |
| <b>Test Certificates</b>                                                                                           |                                      |



#### 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=US2:45EG10AFA>

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

<https://support.industry.siemens.com/cs/US/en/ps/US2:45EG10AFA>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=US2:45EG10AFA&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:45EG10AFA&lang=en)

**Certificates/approvals**

<https://support.industry.siemens.com/cs/US/en/ps/US2:45EG10AFA/certificate>

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