SIEMENS

Data sheet US2:45EG10ALA



Contactor, 45DP,30A,1P,Open,277 Contactor, 45DP,30A,1P,Open,277

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	240 V
● at AC at 60 Hz rated value	277 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

Subject to change without notice
© Copyright Siemens

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

Certificates/ approvals

certificate of suitability	cRUus, ARI 780 & 790, UL File E14900

Approvals Certificates

Test Certificates



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=US2:45EG10ALA
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/US/en/ps/US2:45EG10ALA
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:45EG10ALA&lang=en
Certificates/approvals
https://support.industry.siemens.com/cs/US/en/ps/US2:45EG10ALA/certificate

last modified: 5/25/2021

Subject to change without notice
© Copyright Siemens