



Contactor , 45DP, 40A, 1P, Open, 24V Contactor

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
General technical data	
weight [lb]	0.58 lb
Height x Width x Depth [in]	3.19 x 1.97 x 2.46 in
touch protection against electric 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	1
Contactor	
size of contactor	40A
number of NO contacts for main current	1
operating voltage for main current maximum	600 V
mechanical service life (operating cycles) typical	250000
Auxiliary contact	
number of NC contacts for auxiliary current	0
number of NO contacts for auxiliary current	0
number of NC contacts at contactor	0
number of NO contacts at contactor	0
number of total auxiliary contacts	0
Coil	
control supply voltage	
• at AC at 50 Hz rated value	24 V
• at AC at 60 Hz rated value	24 V
Enclosure	
degree of protection NEMA rating	Open device (no enclosure)
Mounting/wiring	
mounting position	vertical
fastening method	Surface mounting and installation
type of electrical connection	Box lug
tightening torque [lbf·in] for terminal screws	25 ... 25 lbf·in
type of connectable conductor	4 AWG
AWG cables single or multi-stranded	

type of electrical connection	Box lug
type of connectable conductor for load-side outgoing feeder	4 AWG
type of electrical connection	Quick connects
type of electrical connection	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, etc.)

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:45GG10AJA>

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

<https://support.industry.siemens.com/cs/US/en/ps/US2:45GG10AJA>

Image database (product images, 2D dimension drawings, 3D models, device images)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:45GG10AJA&lang=en

Certificates/approvals

<https://support.industry.siemens.com/cs/US/en/ps/US2:45GG10AJA/certificates>

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