



Please order US2:45GH20AJ

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]	0.62 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 °F
ambient temperature	
• during storage	75 °C
• during operation	70 °C
country of origin	China
number of poles for main current circuit	2
Contactor	
size of contactor	40A
number of NO contacts for main contacts	2
operating voltage for main current circuit at AC at 60 Hz maximum	600 V
operational current at AC at 600 V rated value	160 A
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	24 V
• at AC at 60 Hz rated value	24 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	lug

tightening torque [lbf-in] for supply	25 lbf-in
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	4 AWG
type of electrical connection for load-side outgoing feeder	Box lug
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	4 AWG
type of electrical connection of magnet coil	Quick-release lock
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=US2:45GG20AJ>

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

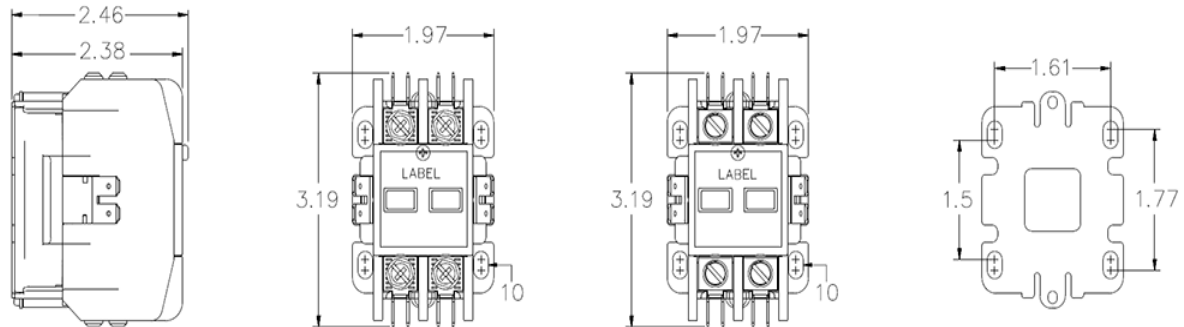
<https://support.industry.siemens.com/cs/US/en/ps/US2:45GG20AJ>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:45GG20AJ&lang=en

Certificates/approvals

<https://support.industry.siemens.com/cs/US/en/ps/US2:45GG20AJ/certificate>



last modified:

7/22/2026