Allen-Bradley 1397 200 & 300HP AC Line Disconnects Cat. Nos. 1397-DS200 1397-DS300

What This Option Provides	When installed, the AC line disconnect is designed to provide branch circuit disconnect switch requirements.
FIUVILLES	

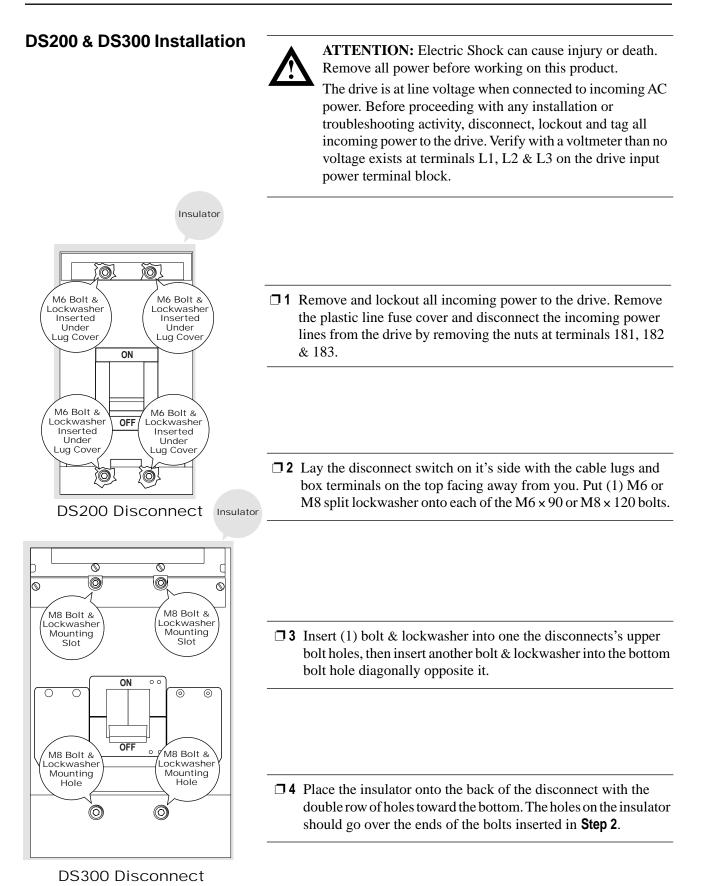
Where This (Option Is
Used	-

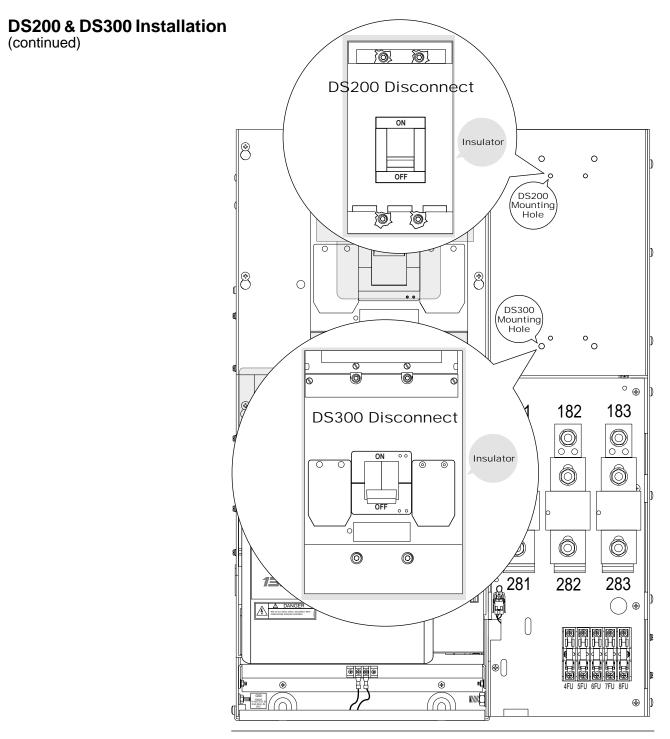
Each 200 or 300HP AC Line Disconnect is sized to a 1397 drive as detailed below.

Catalog Number	230V Dri HP	ve Rating (kW)	460V Dri HP	ve Rating (kW)
1397-DS200	100	(75)	200	(150)
1397-DS300	125-150	(92-112)	250-300	(184-224)

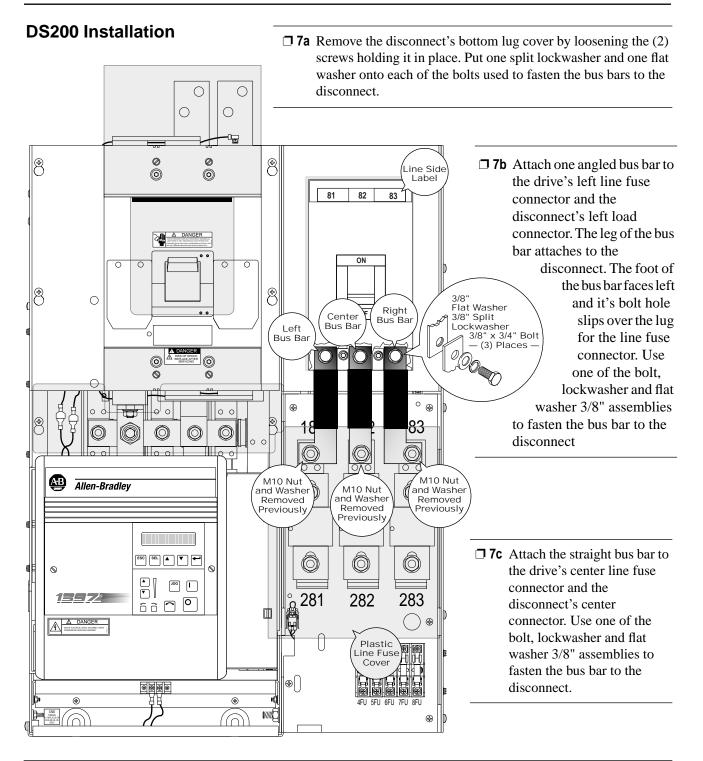
What These Instructions Contain

These instructions and any accompanying instructions contain the necessary information to install a 1397 200 or 300HP AC Line Disconnect.





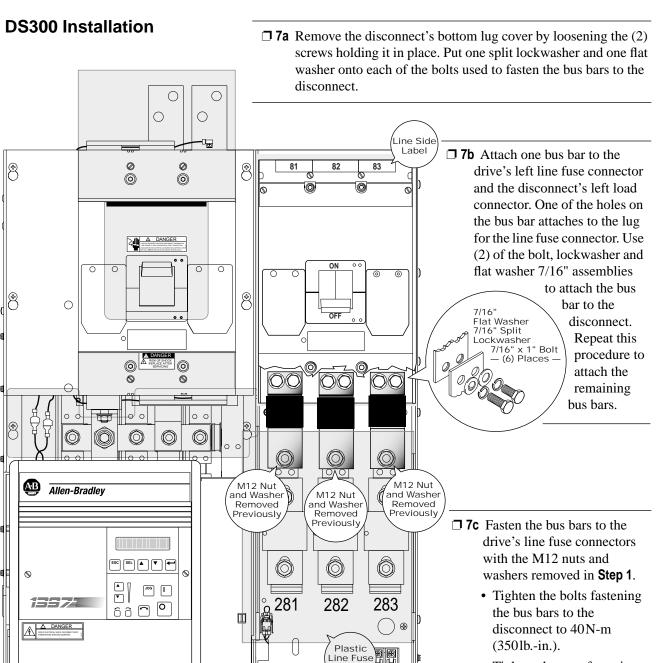
- □ 5 Hold the insulator in place, pick up the disconnect, and position it over the threaded holes on the drive's mounting panel. The (4) inner holes are for the DS200 disconnect, the (4) outer holes are for the DS300 disconnect.
- □ 6 Attach the disconnect by hand tightening the (2) bolts inserted previously. Insert the remaining (2) mounting bolts & lockwashers. Tighten all DS200 bolts to 7N-m (60lb.-in.). Tighten all DS300 bolts to 14N-m (125lb.-in.).



□ 7d Attach the remaining angled bus bar to the drive's right line fuse connector and the disconnect's right load connector. The leg of the bus bar attaches to the disconnect. The foot of the bus bar faces right and its bolt hole slips over the lug for the line fuse connector. Use one of the bolt, lockwasher, and flat washer 3/8" assemblies to fasten the bus bar to the disconnect.

7e Fasten the bus bars to the drive's line fuse connectors with the M10 nuts and washers removed in **Step 1**.

- Tighten the bolts fastening the bus bars to the disconnect to 23N-m (200lb.-in.).
- Tighten the nuts fastening the bus bars to the line fuse connectors to 23N-m (200lb.-in.).



Cover

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• Tighten the nuts fastening the bus bars to the line fuse connectors to 40N-m (350lb.-in.).

DS200 & DS300 Installation (continued)	□8	Replace the disconnect's bottom lug cover and tighten the (2) screws holding it in place.
-	□9	Replace the plastic line fuse cover.
-	□ 10	Remove the disconnect's top lug cover by loosening the (2) screws holding it in place. Loosen the disconnect's power line box connector lugs and insert the incoming power cables removed in Step 1 .
	011	Torque the cable lugs to the value listed on the disconnect label. Replace the disconnect's top lug cover and tighten the screws holding it in place. Attach the line side label to the upper lug cover as shown. Discard any other labels included with the kit.
-	□ 12	Set the disconnect to the OFF position and restore incoming power to the drive. Reset the disconnect switch by first moving it to the OFF position, then to the ON.

Notes

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