

# Product Details and Certifications

**Cross Reference RA Part Number: 25138-102-05**

 **Product: 25138-102-05**

Description: Disconnect Switch with Fuse Clips and Trailer Block  
3 Poles, 60A 600V



Representative Photo Only (actual product may vary based on configuration selections)

## ***SYSTEM DATA***

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Disconnect Sw Type	DS- Disconnect Switch
Number of Poles	3 Poles
Voltage	600V AC - 250V DC
Interrupting Rating	1700 Amps
Rated Current(A)	60 A

## ***MANUFACTURING***

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Assembly	Factory Assembled
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## Product Selection

## DS Type Switch

## Switch Ordering Information

Switch Rating	Fuse Clip Rating Ampere	Type Volts <sup>①</sup>	Catalog Number <sup>②③</sup>
30	No fuse <sup>④</sup>	—	DS16U
30	30	NEC 250	DS121R
30	30	NEC 600	DS161R
30	60	NEC 250	DS122
30	60	NEC 600	DS162
60	No fuse <sup>④</sup>	—	DS26U
60	60	NEC 250	DS222R
60	60	NEC 600	DS262R
60	100	NEC 250/600	DS263
100	No fuse <sup>④</sup>	—	DS36U
100	100	NEC 250/600	DS363R
100 <sup>⑤</sup>	200	NEC 250/600	DS364
400	No fuse <sup>④</sup>	—	DS56U
400	400	NEC 250/600	DS565R
600	No fuse <sup>④</sup>	—	DS66U
600	600	NEC 250/600	DS666R

## Options and Accessories

## Base Mounting Hardware

**Note:** Order separately when required. No charge when ordered with switch.

## Base Mounting Hardware

Description	Catalog Number
30, 60, 100A non-fusible	624B375G17
30, 60, 100A fusible	624B375G17
400 or 600A non-fusible	673B125G04
400 or 600A Fusible	673B125G05

## Auxiliary Switch Kits

**Note:** Permits field mounting of an auxiliary switch for separate control circuit applications. Each switch includes three soldered, identified leads. Rated 250V maximum.

## Auxiliary Switch Kits

Switch Used With	Contact Arrangement	Kit Catalog Number
30, 60, 100A	1A-1B	178C265G05
30, 60, 100A	2As-2Bs	178C265G06

## Class R Fuse Clip Conversion Kits for Type DS Switches

Switch Rating Amperes	Volts	Kit Catalog Number
30	250	RFK121
30	600	RFK161
60	250	RFK222
60	600	RFK262
100	250/600	RFK464
400	250/600	RFK666
600	250/600	RFK666

## Notes

- ① 600V ratings are suitable for Class J fuses.
- ② Switches with Catalog Number Suffix **R** are UL listed for use with Class R fuses when fuse clip conversion kits shown on this page are used.
- ③ Switches with Catalog Number Suffix **R** or **U** are CSA listed.
- ④ Rated 600V.
- ⑤ Supplied as unfused switch with separate fuse blocks.
- ⑥ Not UL listed.

## Technical Data and Specifications

### Maximum Horsepower

Type Switch	Maximum Horsepower Ratings								
	120 Vac		240 Vac		480 Vac		600 Vac		250 Vdc
	Standard	Time Delay	Standard	Time Delay	Standard	Time Delay	Standard	Time Delay	
DS16U	5	—	10	—	20	—	25	—	7-1/2
DS121R	1-1/2	3	3	7-1/2	—	—	—	—	5
DS122	3	—	7-1/2	—	—	—	—	—	5
DS161R	—	—	—	—	5	15	7-1/2	20	5
DS162	—	—	—	—	15	—	15	—	5
DS26U	10	—	20	—	40	—	60	—	15
DS222R	3	7-1/2	7-1/2	15	—	—	—	—	10
<b>DS262R</b>	—	—	—	—	15	30	15	50	10
DS263	—	—	15	—	25	—	30	—	10
DS36U	15	—	30	—	75	—	75	—	25
DS363R	—	—	15	30	25	60	30	75	20
DS364	—	—	25	—	50	—	60	—	20
DS56U	—	—	100	—	250	—	350	—	—
DS565R	—	—	50	100	100	250	125	350	—
DS66U	—	—	100	—	400	—	500	—	—
DS666R	—	—	75	100	150	400	200	500	—

### Terminal Data

Switch Rating	Wire Range	
	Copper	Aluminum
30	#14-#2	#12-#2
60	#14-#2	#12-#2
100	#14-1/0	#12-1/0
400	(1) #4-600 kcmil or (2) 1/0-3/0	(1) #4-600 kcmil or (2) 1/0-250 kcmil
600	Same as 400A except two terminals per pole	—

#### Note

Terminals are suitable for either copper or aluminum cable.