

Product Details and Certifications

Cross Reference RA Part Number: 25138-102-01

 **Product: 25138-102-01**

Description: Disconnect Switch with Fuse Clips and Trailer Block
3 Poles, 100A 600V



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

SYSTEM DATA

Disconnect Sw Type	DS- Disconnect Switch
Number of Poles	3 Poles
Voltage	600V AC - 250V DC
Interrupting Rating	1000 Amps
Rated Current(A)	100 A

MANUFACTURING

Assembly	Factory Assembled
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Product Selection

DS Type Switch

Switch Ordering Information

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