



The Littelfuse LS6, LS6R and LS7R dc series are energy-efficient, compact disconnect switches that quickly break or resume the flow of current safely to prevent shock hazards when trying to isolate circuits or repair systems.

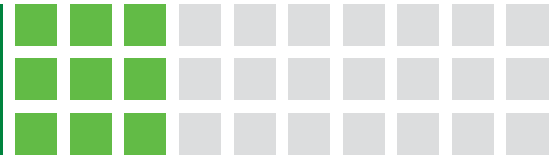
This cross-reference tool includes the most popular dc disconnect switches. It is designed for quick identification and product selection.

## Switches

Littelfuse Part Number	Rated Insulation Voltage Ui (V Dc)	Amperage	Number of Poles	Configuration Type	Grounded or Ungrounded	ABB Part Number	Socomec Part Number
<b>LS602501VS00L</b>	500 V dc	250 A	1P	1V	Grounded	N/A	N/A
<b>LS602502LS00L</b>	500 V dc	250 A	2P	2L	Ungrounded	N/A	N/A
<b>LS604001VS00L</b>	500 V dc	400 A	1P	1V	Grounded	N/A	N/A
<b>LS604002LS00L</b>	500 V dc	400 A	2P	2L	Ungrounded	N/A	N/A
<b>LS602501MS00L</b>	1000 V dc	250 A	1P	1M	Grounded	OTDC250UFS02 OTDC250UFS11	27PV2024 + 27091020*
<b>LS602502ES00L</b>	1000 V dc	250 A	2P	2E	Ungrounded	OTDC250UF02 OTDC250UF11	27PV2024
<b>LS604001MS00L</b>	1000 V dc	400 A	1P	1M	Grounded	OTDC320UFS02 OTDC400UFS02 OTDC320UFS11 OTDC400UFS11	27PV2032 + 27091041* 27PV2039 + 27091041*
<b>LS604002ES00L</b>	1000 V dc	400 A	2P	2E	Ungrounded	OTDC320UF02 OTDC400UF02 OTDC320UF11 OTDC400UF11	27PV2032 27PV2039
<b>LS6R02504DS00L</b>	1500 V dc	250 A	1P	4D	Grounded	OTDC250UFSV02 OTDC250UFSV11	N/A
<b>LS6R0250CBS00L</b>	1500 V dc	250 A	2P	CB	Ungrounded	OTDC250UFV02 OTDC250UFV11	N/A
<b>LS6R04004DD00L</b>	1500 V dc	400 A	1P	4D	Grounded	OTDC320UFSV02 OTDC400UFSV02 OTDC320UFSV11 OTDC400UFSV11	27PV3026 + 27091041* 27PV3032 + 27091041* 27PV3039 + 27091041* (x2)
<b>LS6R0400CBD00L</b>	1500 V dc	400 A	2P	CB	Ungrounded	OTDC320UFV02 OTDC400UFV02 OTDC320UFV11 OTDC400UFV11	27PV3026 27PV3032 27PV3039
<b>LS7R02502PS00L</b>	1500 V dc	250 A	2	2P	Ungrounded	OTDC250UFV02 OTDC250UFV11	87P02026 87P11026
<b>LS7R03202PS00L</b>	1500 V dc	320 A	2	2P	Ungrounded	OTDC320UFV02 OTDC320UFV11	27PV3026 + 27090027
<b>LS7R04002PS00L</b>	1500 V dc	400 A	2	2P	Ungrounded	OTDC400UFV02 OTDC400UFV11	27PV3032 + 27090027 27PV3039 + 27090045 87P02041 87P11041
<b>LS7R05002PS00L**</b>	1500 V dc	500 A	2	2P	Ungrounded	OTDC600UFV02 OTDC600UFV11	87P02051 87P11051

\*Socomec jumper - Littelfuse products are engineered to eliminate the need for jumpers to reduce dissipation as well as the extra assembly and maintenance they require

\*\*LS7 only up to 500 Amps

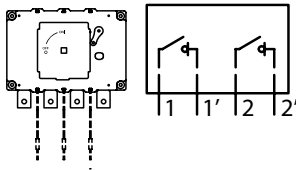


## Accessories

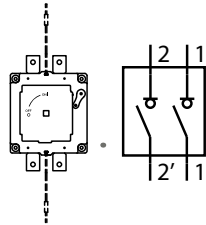
Littelfuse Part Number	Amperage	Description	ABB Part Number	Socomec Part Number
<b>LDSSA11</b>	250	External panel handle with shaft	OHB95J12 (external panel handle) + OXP12X185 (shaft)	142D 2111 (external panel handle) + 1400 1032 (shaft)
<b>LDSSI11</b>	250	Direct handle	N/A***	N/A
<b>LDLSLA21</b>	400	External panel handle with shaft	OHB95J12 (external panel handle) + OXP12X185 (shaft)	142D 2111 (external panel handle) + 1400 1032 (shaft)
<b>LDLSLI21</b>	400	Direct handle	N/A***	N/A
<b>LD5LAU01</b>	N/A	Auxiliary contact 1NO + 1NC	OA1G10 + OA3G01	2799 0021
<b>LDMAU11</b>	N/A	Auxiliary contact 1NO + 1NC	OA1G10 + OA3G01	8499 0001

\*\*\*ABB references switches with direct handle or external handle pre-mounted

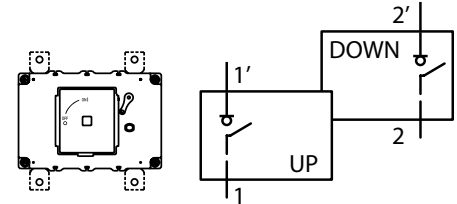
## Ungrounded System Configurations



Type 2E

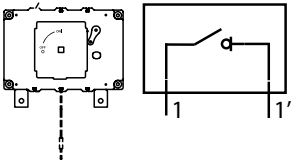


Type 2L

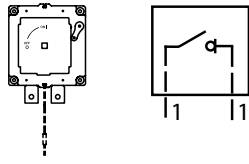


Type CB

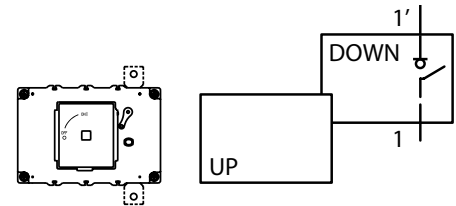
## Grounded System Configurations



Type 1M



Type 1V



Type 4D

Please check all applicable specifications prior to making a product substitution or selection. For special applications or more complete information, visit [Littelfuse.com/DcDisconnectSwitch](http://Littelfuse.com/DcDisconnectSwitch) or contact us at 1-800-Tech-Fuse or [techline@littelfuse.com](mailto:techline@littelfuse.com)

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