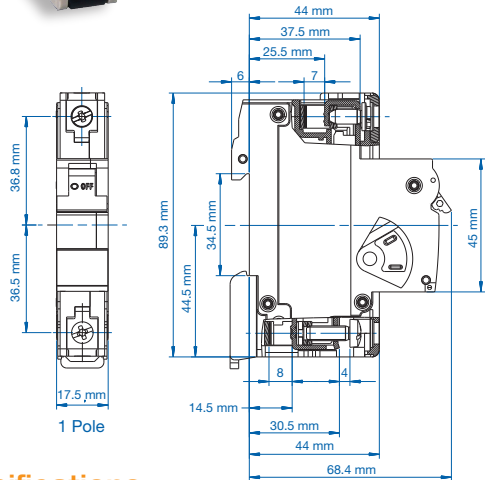




### 1 POLE Standard Pack 12

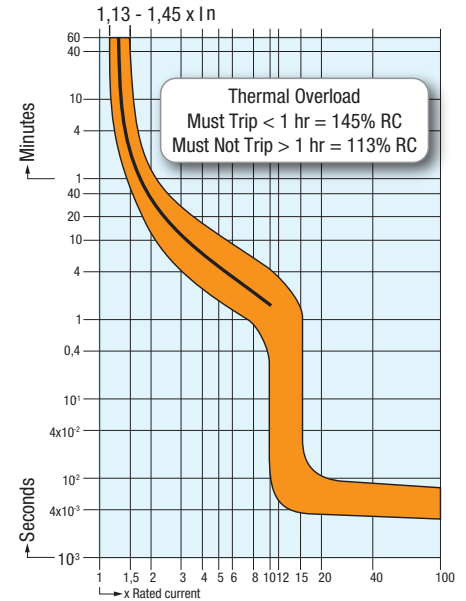


| Rated Current (In) | Type/<br>Cat. No. | Approvals    |
|--------------------|-------------------|--------------|
| 0.3A               | 1D03UM            | UL, SF, RoHS |
| 0.5A               | 1D05UM            | UL, SF, RoHS |
| 0.75A              | 1D075UM           | UL, SF, RoHS |
| 1.0A               | 1D1UM             | UL, SF, RoHS |
| 1.6A               | 1D1.6UM           | UL, SF, RoHS |
| 2.0A               | 1D2UM             | UL, SF, RoHS |
| 2.5A               | 1D2.5UM           | UL, SF, RoHS |
| 3.0A               | 1D3UM             | UL, SF, RoHS |
| 3.5A               | 1D3.5UM           | UL, SF, RoHS |
| 4.0A               | 1D4UM             | UL, SF, RoHS |
| 5.0A               | 1D5UM             | UL, SF, RoHS |
| 6.0A               | 1D6UM             | UL, SF, RoHS |
| 8.0A               | 1D8UM             | UL, SF, RoHS |
| 10A                | 1D10UM            | UL, SF, RoHS |
| 13A                | 1D13UM            | UL, SF, RoHS |
| 15A                | 1D15UM            | UL, SF, RoHS |
| 16A                | 1D16UM            | UL, SF, RoHS |
| 20A                | 1D20UM            | UL, SF, RoHS |
| 25A                | 1D25UM            | UL, SF, RoHS |
| 30A                | 1D30UM            | UL, SF, RoHS |
| 32A                | 1D32UM            | UL, SF, RoHS |
| 40A                | 1D40UM            | UL, SF, RoHS |
| 50A                | 1D50UM            | UL, SF, RoHS |
| 60A                | 1D60UM            | UL, SF, RoHS |
| 63A                | 1D63UM            | UL, SF, RoHS |

| Weight (per piece) |                   |
|--------------------|-------------------|
| <b>0.3A - 32A:</b> | <b>33A - 63A:</b> |
| 0.120 - 0.141 kg   | 0.133 - 0.158 kg  |
| 0.265 - 0.311 lb   | 0.293 - 0.348 lb  |

### D Trip Characteristic

$I_n = 0.3A - 10A$  rated current



### Specifications

|  |   |
|--|---|
| <b>Voltage Rating</b>  | 480Y/277V AC<br>0.3-25A: 1 pole - 42V DC; 2 Pole - 80V DC<br>30-60A: 1 pole - 24V DC; 2 Pole - 60V DC |
| <b>Short Circuit Withstand Rating (UL/CSA - Ratings)</b>       | 0.3-60A (RC): 10kA with UL-listed RK5 back-up fuse or MCCB  |
| <b>Group Short Circuit Withstand Rating (UL/CSA - Ratings)</b> | 0.3-10A (RC): 10kA; 13-60A (RC): 5kA<br>no branch circuit protection required                         |
| <b>Interrupting Capacity (VDE - Ratings)</b>                   | 0.3-63A (RC): 10kA  |
| <b>Calibration Temperature</b>                                 | 40°C (104°F)  |
| <b>Operating Temperature</b>                                   | -25°C to 70°C (-13°F to 158°F)  |
| <b>Storage Temperature</b>                                     | -40°C to 70°C (-40°F to 158°F)  |
| <b>Terminal Size Acceptability</b>                             | Top: 18-3 AWG; Bottom: 18-2 AWG   |
| <b>Terminal Torque</b>   | 2 Nm (17.7 lb.in.) / 2.5 Nm (22.2 lb.in.)   |
| <b>Vibration Resistance</b>                                    | > 15g according to DIN EN 60069-2-59 during a load with 1.05 x $I_n$                                  |
| <b>Resistance to mechanical shocks</b>                         | 25g @ 11ms  |
| <b>Terminal Protection Degree</b>                              | IP20  |
| <b>Mounting Orientation</b>                                    | In any plane  |

### Short Circuit Withstand Ratings for DSL8 Manual Motor Controller

| Trip Curve | Amp Range   | Backup Protection                |                              |                           |
|------------|-------------|----------------------------------|------------------------------|---------------------------|
|            |             | UL-Listed<br>RK5-Fuse up to 10kA | UL-Listed<br>MCCB up to 10kA | No BCP<br>Required up to: |
| all        | 0.3 - 10A   | 4xRC*<br>min 15A, max 70A        | 4xRC*<br>min 15A, max 70A    | 10kA                      |
| all        | 12 - 30/32A | 4xRC*<br>max 125A                | 4xRC*<br>max 125A            | 5kA                       |
| all        | 40 - 50A    | 4xRC*<br>max 200A                | 4xRC*<br>max 200A            | 5kA                       |
| all        | 60 / 63A    | 4xRC*<br>max 250A                | 4xRC*<br>max 250A            | 5kA                       |

\*up to nearest rated current

### D Trip Characteristic

$I_n = 13A - 60A$  rated current

