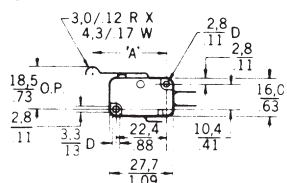


## Basic Switches Miniature

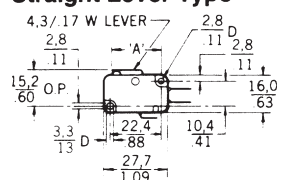
V3 Series

### TYPICAL DIMENSIONS (For reference only)

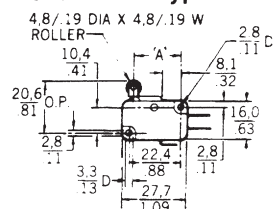
#### Simulated Roller



#### Straight Lever Type



#### Roller Lever Type



### SIMULATED ROLLER ORDER GUIDE

Catalog Listing	Recommended For	Electrical Data and UL Code	Length Lever "A" mm inches	O.F. max. newtons ounces	O.T. min. mm inches	D.T. max. mm inches	O.P.* mm inches
<b>V3L-121-D8</b>	Most applications	11 Amps <b>L156</b>	32,6 <b>1.285</b>	1,11 <b>4</b>	2,03 <b>.080</b>	1,27 <b>.050</b>	18,5 <b>.730</b>
<b>V3L-1123-D8</b>	Lower force	10 Amps <b>L131</b>	32,6 <b>1.285</b>	0,39 <b>1.4</b>	2,03 <b>.080</b>	0,76 <b>.030</b>	18,5 <b>.730</b>

\* ± 1.5 mm  
± .060 in.

### STRAIGHT LEVER ORDER GUIDE

Catalog Listing	Recommended For	Electrical Data and UL Code	Length Lever "A" mm inches	O.F. max. newtons ounces	O.T. min. mm inches	D.T. max. mm inches	O.P.* mm inches
<b>V3L-101-D8</b>	Most applications	11 Amps <b>L156</b>	21,3 <b>.860</b>	2,50 <b>9</b>	1,02 <b>.040</b>	0,41 <b>.016</b>	15,2 ± 0,51 <b>.600 ± .020</b>
<b>V3L-104-D8</b>	Most applications	11 Amps <b>L156</b>	35,6 <b>1,40</b>	1,11 <b>4</b>	2,29 <b>.090</b>	1,27 <b>.050</b>	15,2 ± 1,5 <b>.600 ± .060</b>
<b>V3L-2102-D8</b>	Lower force. Added overtravel	10 Amps <b>L131</b>	35,6 <b>1.40</b>	0,31 <b>1.1</b>	2,29 <b>.090</b>	0,76 <b>.030</b>	15,2 ± 1,5 <b>.600 ± .060</b>
<b>V3L-131-D8</b>	Most applications	11 Amps <b>L156</b>	59,4 <b>2.34</b>	0,58 <b>2.1</b>	3,81 <b>.150</b>	2,29 <b>.090</b>	14,7 ± 2 <b>.580 ± .080</b>
<b>V3L-2106-D8</b>	Lower force. Added overtravel.	10 Amps <b>L131</b>	59,4 <b>2.34</b>	0,16 <b>.57</b>	4,06 <b>.160</b>	1,4 <b>.055</b>	15,2 ± 1,8 <b>.600 ± .070</b>
<b>V3L-3013-D8</b>	Up to 15 amps load handling. Best performance under shock and vibration	15 Amps <b>L83</b>	59,4 <b>2.34</b>	0,39 <b>1.4</b>	4,06 <b>.160</b>	1,52 <b>.060</b>	15,2 ± 1,9 <b>.600 ± .075</b>

### ROLLER LEVER ORDER GUIDE

Catalog Listing	Recommended For	Electrical Data and UL Code	Length Lever "A" mm inches	O.F. max. newtons ounces	O.T. min. mm inches	D.T. max. mm inches	O.P.* mm inches
<b>V3L-139</b>	Most applications Screw terminals	11 Amps <b>L156</b>	20,6 <b>.81</b>	2,22 <b>8</b>	1,02 <b>.040</b>	0,41 <b>.016</b>	20,6 ± 0,76 <b>.810 ± .030</b>
<b>V3L-139-D8</b>	Most applications	11 Amps <b>L156</b>	20,6 <b>.81</b>	2,22 <b>8</b>	1,02 <b>.040</b>	0,41 <b>.016</b>	20,6 ± 0,76 <b>.810 ± .030</b>
<b>V3L-1117-D8</b>	Add overtravel	10 Amps <b>L112</b>	20,6 <b>.81</b>	0,72 <b>2.6</b>	1,14 <b>.045</b>	0,33 <b>.013</b>	20,6 ± 0,76 <b>.810 ± .030</b>
<b>V3L-3003-D8</b>	Up to 15 amps load handling. Best for performance under shock and vibration	15 Amps <b>L83</b>	20,6 <b>.81</b>	1,33 <b>4.8</b>	1,02 <b>.040</b>	0,33 <b>.013</b>	20,6 ± 0,76 <b>.810 ± .030</b>
<b>V3L-111-D8</b>	Most applications	11 Amps <b>L156</b>	34 <b>1.34</b>	1,11 <b>4</b>	2,16 <b>.085</b>	1,27 <b>.050</b>	20,6 ± 1,5 <b>.810 ± .060</b>
<b>V3L-1101-D8</b>	Added overtravel	10 Amps <b>L112</b>	34 <b>1.34</b>	0,33 <b>1.2</b>	2,16 <b>.085</b>	0,76 <b>.030</b>	20,6 ± 1,5 <b>.810 ± .060</b>
<b>V3L-3004-D8</b>	Up to 15 amps load handling. Best for performance under shock and vibration.	15 Amps <b>L83</b>	34 <b>1.34</b>	0,70 <b>2.5</b>	2,16 <b>.085</b>	0,76 <b>.030</b>	20,6 ± 1,5 <b>.810 ± .060</b>