



3F01-130

SNAP DISC FIXED TEMPERATURE FAN LIMITS

Automatic reset, manual reset and SPDT styles for fans, blowers or high limit cut out.

FEATURES

- Loose ring, stainless steel mounting brackets
- Mounting holes match standard 3/4" snap discs
- 1/4" quick connect terminals
- Last three numbers indicate cut-in temperatures on fan controls and cut-out temperatures on limits

SPECIFICATIONS

Maximum Ambient..... 350°F
 Switch Action SPST Open or Close on Rise
 Electrical Ratings Resistive 25A @ 120 VAC, 25A @ 240 VAC
 Inductive 10 FLA, 60 LRA @ 120 VAC; .5 FLA, 30 LRA @ 240 VAC
 3L03: Terminals 1 & 2 Close on Rise Resistive 25A @ 120 VAC, 25A @ 240 VAC
 Inductive 5.8 FLA, 34.8 LRA @ 120 VAC; 2.9 FLA, 17.4 LRA @ 240 VAC
 3L03: Terminals 1 & 3 Open on Rise Resistive 25A @ 120 VAC, 25A @ 240 VAC
 Inductive 10 FLA, 60 LRA @ 120 VAC; .5 FLA, 30 LRA @ 240 VAC
 Pilot Duty 125 VA
 Dimensions37"H X 1.32"W X 1.23"L
 Weight 0.2 oz.
 UR/CUR File Number E19279
 CSA/CUS Certificate Number LR77886/LR109556
 VDE Lic. 118631

SNAP DISC FIXED TEMPERATURE FAN LIMITS

| APPLICATION | FIXED TEMPERATURE SETTINGS CUT-IN | FIXED TEMPERATURE SETTINGS CUT-OUT | SWITCH ACTION | THERM-O-DISC TYPE | THERM-O-DISC STYLE | MODEL NUMBER | ITEM NUMBER |
|--|-----------------------------------|------------------------------------|---------------|-------------------|--------------------|--------------|-------------|
| Snap Disc Fan - Automatic Reset SPST | 110°F (43°C) | 90°F (32°C) | Close on Rise | 60T12 | 610044 | 3F01-110 | 03F01 110S1 |
| | 120°F (49°C) | 110°F (43°C) | Close on Rise | 60T12 | 610046 | 3F01-120 | 03F01 120S1 |
| | 130°F (54°C) | 115°F (46°C) | Close on Rise | 60T12 | 610047 | 3F01-130 | 03F01 130S1 |
| | 140°F (60°C) | 120°F (49°C) | Close on Rise | 60T12 | 611866 | 3F01-140 | 03F01 140S1 |
| | 150°F (66°C) | 130°F (54°C) | Close on Rise | 60T12 | 610050 | 3F01-150 | 03F01 150S1 |
| | 160°F (71°C) | 140°F (60°C) | Close on Rise | 60T12 | 610064 | 3F01-160 | 03F01 160S1 |
| | 180°F (82°C) | 160°F (71°C) | Close on Rise | 60T12 | 610065 | 3F01-180 | 03F01 180S1 |
| | 200°F (93°C) | 180°F (82°C) | Close on Rise | 60T12 | 610066 | 3F01-200 | 03F01 200S1 |
| | 350°F (177°C) | 320°F (160°C) | Close on Rise | 60T12 | 610067 | 3F01-350 | 03F01 350S1 |
| Snap Disc Limit - Automatic Reset SPST | 110°F (43°C) | 120°F (49°C) | Open on Rise | 60T11 | 610000 | 3L01-120 | 03L01 120S1 |
| | 115°F (46°C) | 130°F (54°C) | Open on Rise | 60T11 | 610002 | 3L01-130* | 03L01 130S1 |
| | 100°F (38°C) | 140°F (60°C) | Open on Rise | 60T11 | 610006 | 3L01-140 | 03L01 140S1 |
| | 110°F (43°C) | 150°F (66°C) | Open on Rise | 60T11 | 610009 | 3L01-150 | 03L01 150S1 |
| | 125°F (52°C) | 165°F (74°C) | Open on Rise | 60T11 | 610069 | 3L01-165 | 03L01 165S1 |
| | 130°F (54°C) | 170°F (77°C) | Open on Rise | 60T11 | 610012 | 3L01-170 | 03L01 170S1 |
| | 140°F (60°C) | 180°F (82°C) | Open on Rise | 60T11 | 610013 | 3L01-180 | 03L01 180S1 |
| | 150°F (66°C) | 190°F (88°C) | Open on Rise | 60T11 | 610015 | 3L01-190 | 03L01 190S1 |
| | 160°F (71°C) | 200°F (93°C) | Open on Rise | 60T11 | 610016 | 3L01-200 | 03L01 200S1 |
| | 190°F (88°C) | 230°F (110°C) | Open on Rise | 60T11 | 610021 | 3L01-230 | 03L01 230S1 |
| | 210°F (99°C) | 250°F (121°C) | Open on Rise | 60T11 | 610023 | 3L01-250** | 03L01 250S1 |
| | 250°F (121°C) | 300°F (149°C) | Open on Rise | 60T11 | 610026 | 3L01-300* | 03L01 300S1 |
| 310°F (154°C) | 350°F (177°C) | Open on Rise | 60T11 | 610068 | 3L01-350 | 03L01 350S1 | |

SNAP DISC FIXED TEMPERATURE FAN LIMITS (CONTINUED)

| APPLICATION | FIXED TEMPERATURE SETTINGS CUT-IN | FIXED TEMPERATURE SETTINGS CUT-OUT | SWITCH ACTION | THERM-O-DISC TYPE | THERM-O-DISC STYLE | MODEL NUMBER | ITEM NUMBER |
|-------------------------------------|-----------------------------------|------------------------------------|---------------|-------------------|--------------------|--------------|-------------|
| Snap Disc Limit - Manual Reset SPST | Manual Reset | 160°F (71°C) | Open on Rise | 60T15 | 330534 | 3L02-160 | 03L02 160S1 |
| | Manual Reset | 170°F (77°C) | Open on Rise | 60T15 | 330535 | 3L02-170 | 03L02 170S1 |
| | Manual Reset | 180°F (82°C) | Open on Rise | 60T15 | 330536 | 3L02-180 | 03L02 180S1 |
| | Manual Reset | 190°F (88°C) | Open on Rise | 60T15 | 330537 | 3L02-190 | 03L02 190S1 |
| | Manual Reset | 200°F (93°C) | Open on Rise | 60T15 | 330538 | 3L02-200 | 03L02 200S1 |

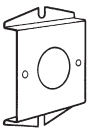
* 3L01-130 and -300 terminals at 30° angle

** 3L01-250 terminals is perpendicular to bracket

SNAP DISC FIXED TEMPERATURE FAN LIMITS

| APPLICATION | TERMINAL 1 & 3 CUT-IN (CLOSES ON FALL) AT: | TERMINAL 1 & 3 CUT-OUT (OPENS ON RISE) AT: | TERMINAL 1 & 2 CUT-IN (CLOSES ON RISE) AT: | TERMINAL 1 & 2 CUT-OUT (OPEN ON FALL) AT: | SWITCH ACTION | THERM-O-DISC TYPE | THERM-O-DISC STYLE | MODEL NUMBER | ITEM NUMBER |
|---|--|--|--|---|---------------|-------------------|--------------------|--------------|-------------|
| Snap Disc Fan or Limit - Automatic Reset SPDT | 120°F (49°C) | 140°F (60°C) | 140°F (60°C) | 120°F (49°C) | SPDT | 60T13 | 611015 | 3L03-140 | 03L03 140S1 |
| | 170°F (77°C) | 190°F (88°C) | 190°F (88°C) | 170°F (77°C) | SPDT | 60T13 | 611014 | 3L03-190 | 03L03 190S1 |

PARTS AND ACCESSORIES

| IMAGE | DESCRIPTION | MODEL NUMBER | ITEM NUMBER |
|---|--|--------------|----------------|
|  | Fan and limit mounting adapter for 3F01 / 3L01 / 3L02 / 3F02 / 3L03 / 3F05 / 3L05 series controls. | F6-1798 | F0006 179800S1 |