



**CLASS 10 OVERLOAD RELAY 25°C OPEN RATING**

**Per NEMA & UL:**

Ultimate trip at 125% current (Typically 2-4 hrs from Cold Start)  
 Trip in 8 minutes or less at 250% current (Cold Start)  
 Trip in 10 seconds or less at 750% current (Cold Start)

**Per IEC:**

No trip in less than 2 hours at 1.05% current (Cold Start)  
 Trip in 10 seconds or less at 720% current (Cold Start) and  
 No trip in 4 seconds or less at 720% current (Cold Start)

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS IN  
 INCHES

|       |        |
|-------|--------|
| X.X   | ±0.1   |
| X.XX  | ±0.01  |
| X.XXX | ±0.005 |
| X°    | ±1°    |
| X.X°  | ±.5°   |

DRAWING IN ACCORDANCE WITH  
 ASME Y14.5M-1994 - EXCEPTION:  
 TRAILING ZEROS SHOWN, GENERAL  
 TOLERANCE PER BLOCK ABOVE  
 RoHS Directive 2002/95/EC  
 STANDARDS 3  
 STANDARDS 4

(X.XX±XX) SYMBOLS PER  
 (ST) 468-1143

ENG/MFG REFERENCE  
 CH351-7

DRAFTER/DESIGNER  
 D. ADON DATE (YYYY/MM/DD)  
 2013/06/11

|                                    |                                 |
|------------------------------------|---------------------------------|
| ENGINEERING APPROVED<br>T. KURLAND | MANUFACTURING<br>N. MICHTCHEKOV |
| REVISION DESCRIPTION ▲             | ECO # 048824                    |

NEW;

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TITLE  
**FREEDOM C306 CLASS 10 OL  
 MIN/MAX TRIP CURVES FROM COLD START**

|           |                            |                 |
|-----------|----------------------------|-----------------|
| SIZE<br>A | DRAWING NUMBER<br>50-41127 | REVISION<br>001 |
|-----------|----------------------------|-----------------|



CHANGE RESPONSIBILITY  
 ICD-FS-2



|                   |              |                 |
|-------------------|--------------|-----------------|
| CLASS CODE<br>N/A | SCALE<br>N/A | SHEET<br>1 OF 1 |
|-------------------|--------------|-----------------|