

REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
A		INITIAL DRAWN	14AUG2019	RV TN

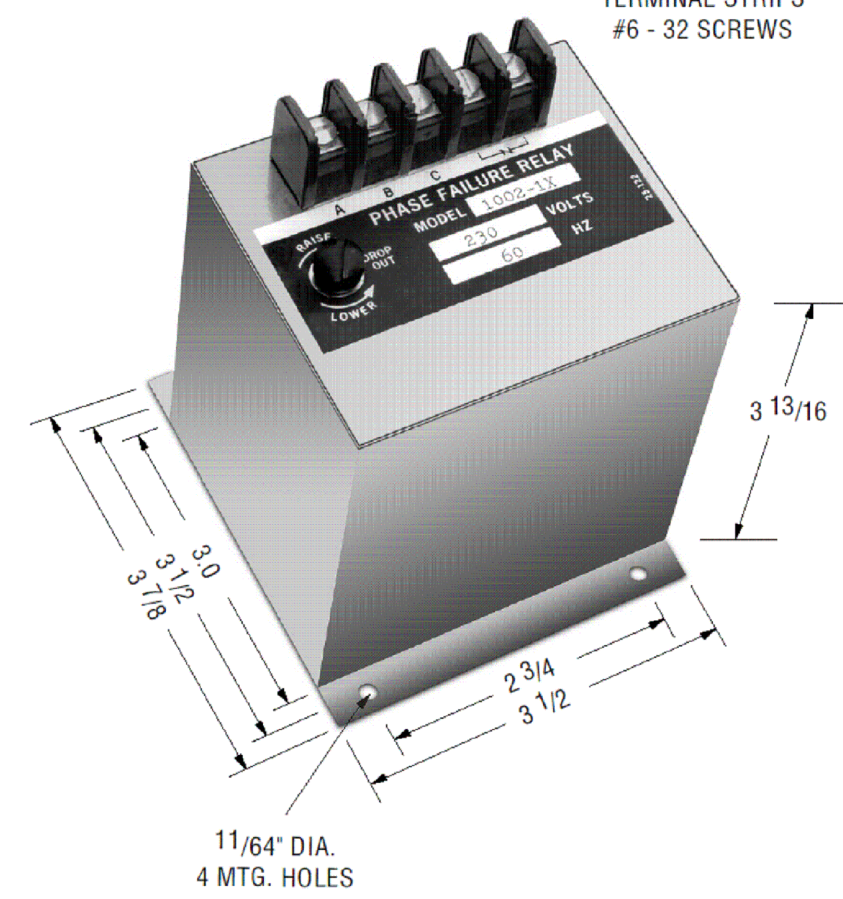
### Ordering Information

Sample Part Number ► **1004X**

- Type:
- 1001 = 120 V, 60 Hz, 3 phase, L-L
  - 1007 = 208 V, 60 Hz, 3 phase, L-L
  - 1002 = 230 V, 60 Hz, 3 phase, L-L
  - 1012 = 300 V, 60 Hz, 3 phase, L-L
  - 1013 = 350 V, 60 Hz, 3 phase, L-L
  - 1003 = 380 V, 50 Hz, 3 phase, L-L
  - 1004 = 460 V, 60 Hz, 3 phase, L-L
  - 1005 = 525 V, 60 Hz, 3 phase, L-L
  - 1006 = 575 V, 60 Hz, 3 Phase, L-L

Mounting:  
 X = Flange  
 Blank - Stud

TERMINAL STRIPS  
 #6 - 32 SCREWS

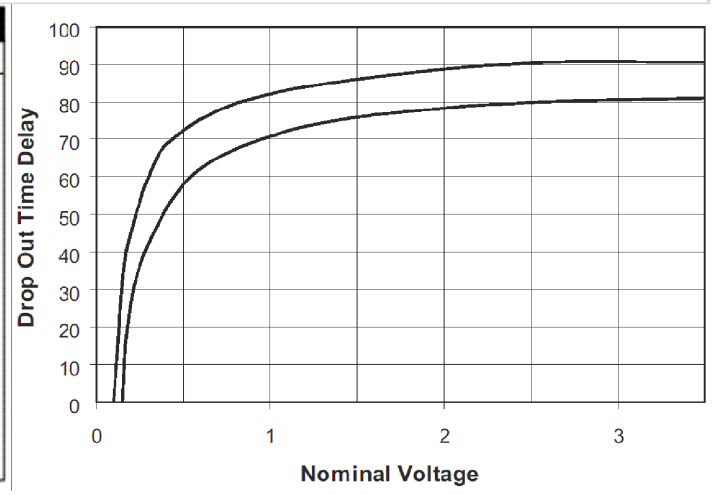


Note: Dimensions in inches. Multiply values by 25.4 for dimensions in mm.

MODEL	VOLTS L-L	FREQUENCY HZ	T1	C1		R1,R3	R2A 1/2W	R2T 1/2W	R2B 1/2W	R4 1/2W	R4T 1/12W	DROPOUT ADJ. RANGE			
				μF	VOLTS							3 PHASE		SINGLE PHASE	
												TOP(100%)	BOTTOM(75%)	TOP(95%)	BOTTOM(70%)
1001X	120	60	13-193-1	0.047	400	27K 1/2W	82K	-	15K	20K	A/R	120	90	114	84
1002X	230	60	13-193-2	0.033	600	56K 1W	68K	-	68K	20K	A/R	230	172	218	161
1003X	380	50	13-193-3	0.015	600	120K 2W	220K	-	150K	20K	A/R	380	285	361	266
1004X	460	60	13-193-4	0.015	600	120K 2W	150K	-	150K	20K	A/R	460	345	437	322
1005X	525	60	13-194-1	0.01	600	150K 2W	680K	680K	120K	20K	A/R	525	394	499	367
1006X	575	60	13-194-2	0.01	600	180K 2W	680K	680K	120K	20K	A/R	575	431	546	402
1007X	208	60	13-193-5	0.033	600	56K 1W	100K	-	39K	20K	A/R	208	156	198	145
1008X	220/440														
1009X	415	50	13-193-6	0.015	600	120K 2W	560K	560K	82K	20K	A/R	415	311	394	290
1010X	208	50	13-193-5	0.033	600	56K 1W	82K	-	82K	20K	A/R	208	156	198	145
1011X	150	60	13-445	0.033	400	33K 1/2W	100K	-	39K	20K	A/R	150	112.5	142.5	105
1012X	300	60	13-193-7	0.015	600	68K 2W	180K	-	120K	20K	A/R	330	225	315	210
1013X	350	60	13-193-7	0.015	600	100K 2W	180K	-	120K	20K	A/R	350	262	333	245
1014X	400	60	13-193-3	0.015	600	120K 2W	150K	-	120K	20K	A/R	400	300	380	280
1015X	600	50	13-194-2	0.01	600	180K 2W	680K	680K	210K	20K	A/R	600	450	570	420
1016X	90	60	13-193-8	0.047	400	20K 1/2W	56K	-	15K	20K	A/R	90	67.5	85	63
1017X	260	60	13-193-9	0.015	600	56K 2W	120K	-	120K	20K	A/R	260	195	247	182

- NOTES:
- ALL RESISTORS ARE FILM
  - ADJUST R4 FOR 16.0-17.4 V ACROSS IT AT BALANCED 3 PHASE NOMINAL VOLTAGE
  - CONFORMAL COAT CIRCUITRY SIDE ONLY
  - CHECK UL LISTING SHEET

PRODUCT SPECIFICATIONS	
Part Number	1000 Series
Nominal Voltage	See Table
Voltage Drop-Out	75% to 100% of nominal, screwdriver adjustable
Pick-Up to Drop-Out Differential	3% approx.
Ambient Operating Temperature	-40°C to +70°C
Temperature Drift	± 1%
Time Delay	See Curve
Output Contacts	One set, normally open
Contact Ratings	10 amp at 28 VDC resistive 10 amp at 230 VAC resistive



- Notes:
- Remove screw for access to the undervoltage adjustment.
  - Clockwise rotation of the adjustment potentiometer will raise the drop-out voltage.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RV 14AUG2019	<b>STE</b> TE Connectivity	
		CHK RV 14AUG2019		
		APVD TN 14AUG2019	NAME	
		PRODUCT SPEC	1000 SERIES	
		APPLICATION SPEC	-	
		WEIGHT	SIZE A3	RESTRICTED TO
		CUSTOMER DRAWING	CAGE CODE	DRAWING NO
			SCALE NTS	SHEET 1 OF 1
				REV A