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TECHNOLOGY GROUP

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Expert team | Trust guarantee | 100% satisfaction

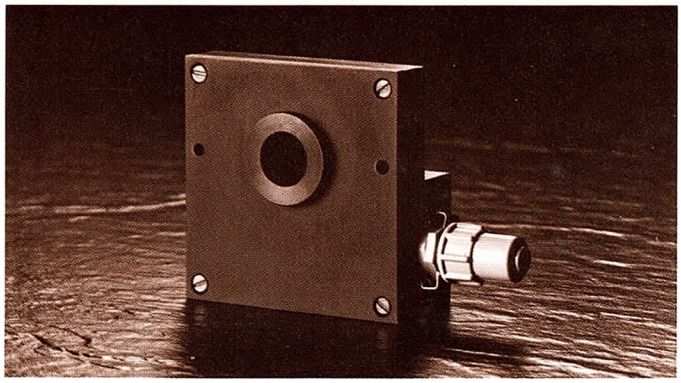
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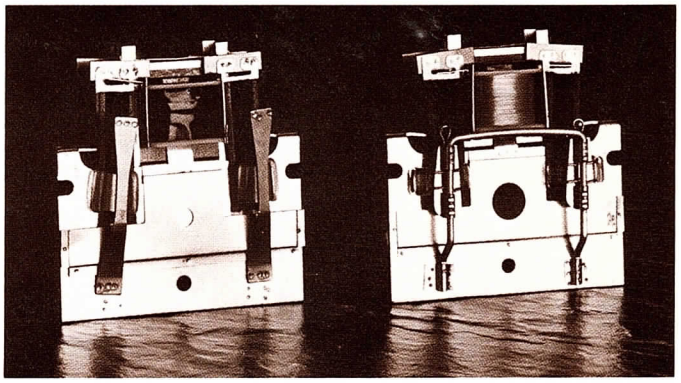
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A. W. VINCENT ASSOCIATES, INC

ADVANCED ELECTRO-MECHANICAL ENGINEERING • 1255 UNIVERSITY AVENUE • ROCHESTER, NEW YORK 14607 • (716) 473-2232

MODEL 26L & 23X SERIES SPECIFICATIONS



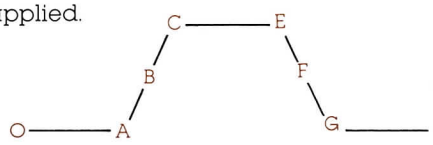


Shutter models 26L and 23X are the smallest shutters we currently manufacture, with apertures of .250" and .125" respectively. Both models are electrically programmable, making them ideally suited for remote controlled applications. Neither of these models rely on mechanical re-cocking generally associated with camera shutters. Following a pre-determined electronic pulse, these shutters offer a great deal of flexibility in terms of duration and frequency of exposure settings. Flexibility does not stop with performance. There are a number of options and electronic controls available so that you may put together a package that satisfies your requirements and budget.

GENERAL SPECIFICATIONS:

- Uncased Size 1.87x1.75x.680
  Cased Size 2.31x2.31x.123
- Uncased Weight ..... 0.80 oz.
  Cased Weight ..... 4.15 oz.
- No. of Blades 2
- Low Temperature Operation ..... -15°C
- Standard Blade Finish ..... Black Teflon
- Max. Temperature on Blades ..... 315°C

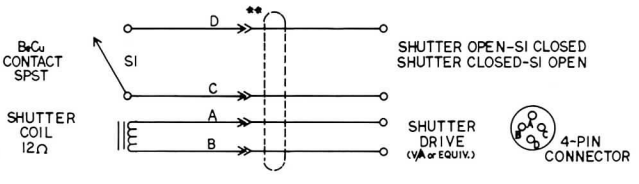
O-A Delay time on opening after current is applied.
A-C Transfer time on opening.
O-C Total opening time.
B-F Minimum equivalent exposure time.
C-E Minimum dwell time.
E-G Transfer time on closing.



TYPICAL TIMING VALUES (MS.)	26L	23X
O-A	.6	.6
A-C	1.0	.6
O-C	1.6	1.2
B-F	1.45	1.0
C-E	.5	.5
E-G	.9	.8

SYNCHRONIZATION OPTIONS

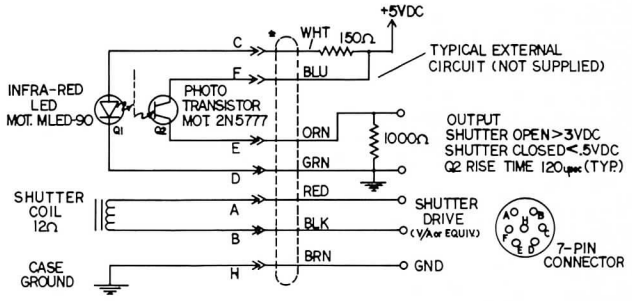
MECHANICAL SYNCHRONIZATION



1) ALL SYNCS OPERATE AT 90% APETURE.
2) APPLICABLE CABLES * 6-0015, 6-0016, 6-0040, 6-0041
   ** 6 0011, 6-0020

4-Pin Connection:
A & B: Shutter coil
C: Sync
D: Ground

SOLID STATE SYNCHRONIZATION



7-Pin Connection:

A & B: Shutter coil
C & D: IR-LED
E & F: Phototrans
H: Ground

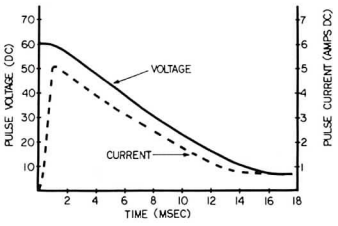
MODEL 26L & 23X SERIES SPECIFICATIONS

ELECTRICAL SPECIFICATIONS:

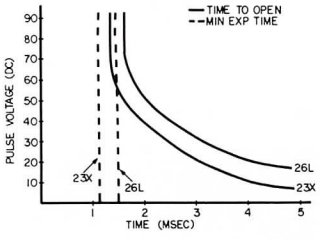
- Pulse Voltage ..... 60v, Hold Voltage 5v
- Coil Resistance ..... 12 Ohms
- Maximum Coil Temperature ..... 100°C
- Maximum Current to Open..... .400 amps
- Maximum Current to Hold Open ..... .210 amps
- Minimum Current to Close ..... .050 amps
- Maximum Repetition Rate ..... 100 actuations / sec. (250 μf Capacitor for a minimum duration of 3ms.)

When running the model 26 or 23 shutter at 100 Hz, we suggest the actuator coil be heatsinked **and** forced air cooled. For operation at high frequency (i.e.: greater than 5 Hz.), the electrical capacitance should be lowered from 250μf to 150μf. This will help reduce the rapid heatrise in the actuator which causes premature failure.

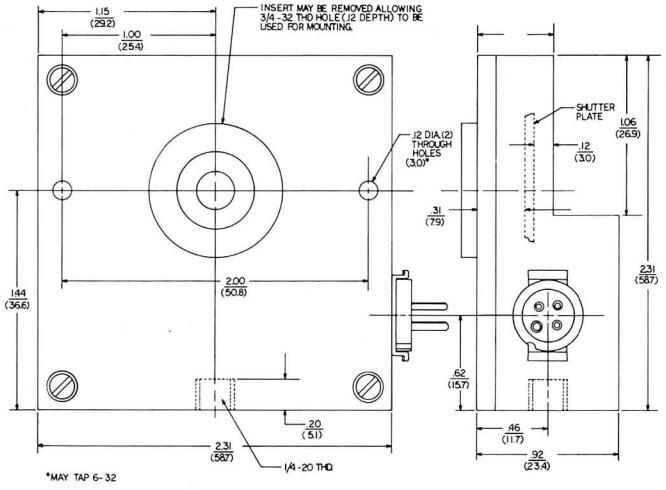
VOLTAGE or CURRENT



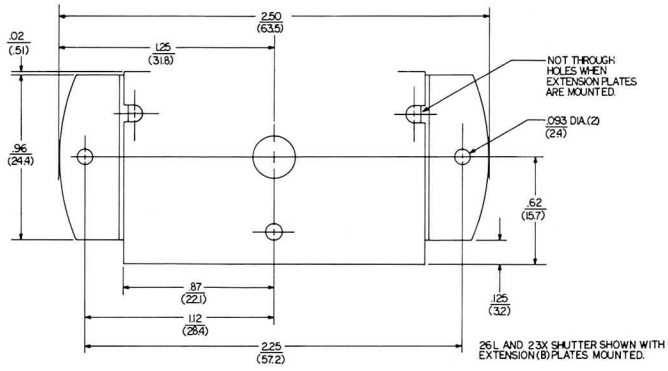
VARYING VOLTAGE & CURRENT VALUES



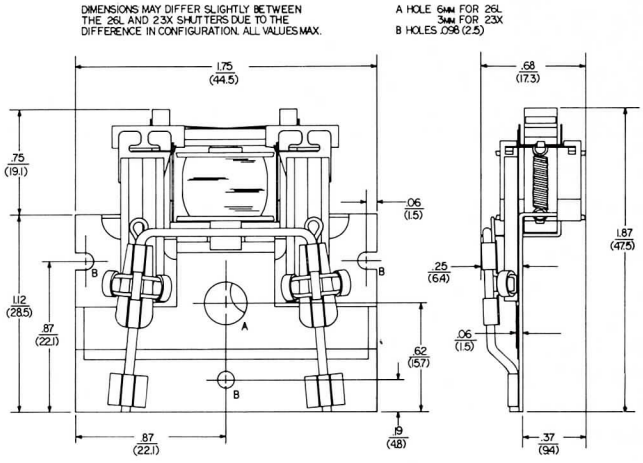
CASED VERSION



B MOUNTING PLATE OPTION



UNCASED VERSION



CAUTION:

When mounting shutter with side slots provided, care should be taken to insure that the shutter blade will not strike screw heads when under pulse conditions. NOTE: energizing coil to check clearance is not a sufficient test.

AVAILABLE OPTIONS:

- Heatsink, mechanical, and electronic synchronization contacts
- Reflective blade coatings
- Dual overlapping blades
- Normally open action
- Quick return springs
- Aluminum housing available on both models
- See our full catalog for further details.

WARRANTY

Great care is taken to ensure that our products are free from defect when shipped. Defective units will be replaced or repaired at no charge, excepting transportation charges, if returned within 90 days from the date of shipment. Burned out coils are not covered by this warranty. Vincent Associates will consider accepting the return of unused equipment if returned within 30 days from the date of shipment subject to a 20% restocking charge. This offer does not apply to used or damaged equipment.

PURCHASING TERMS AND DISCOUNTS

Terms: ½%—10 days, net-30 days. Invoiced and Payable in U.S. Dollars. F.O.B.-Rochester, New York. Shipments are made by UPS or Federal Express. Distributor discounts and quantity OEM discounts will be offered at the time of purchase. Minimum shop order is $200.00. Due to our ongoing product development program, Vincent Associates reserves the right to discontinue or change specifications or designs of any products at any time, without incurring any obligations.

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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