

## TELE-FAULT II- See Bulletin T-489

Form 8966 TELE-FAULT II First-Outage Fault Finder (See Products & Parts, Page 3)	\$758.70
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## PROTECTOFIER PARTS

SS100A FLAME-PAK Assembly (standard 2-4 sec. flame response)	109.75
SS108A FLAME-PAK Assembly 0.8 sec. flame response	109.75
ACF Relay	72.75
2AC Relay (200V./230V.)	93.50
TCL Relay	174.90
U300M/*TIMOFIER (for Forms VT & VLT)	* specify purge & ignition timing 150.45
U300A/*TIMOFIER (for Forms VBT & VBLT)	See Bulletin 42-0115 for timing 150.45
SS3CP Transformer	84.25
SS3CP Transformer w/Pigtail Adapter (replaces SS2C; SS2CP; SS2CPX)	99.40
SS3CPD Transformer (200/230 V. dual voltage)	119.65
Thermal Circuit Breaker 15 sec. (or 10 Sec; 5 Sec.) (Safety Lock-Out Switch)	34.60
Thermal Circuit Breaker w/alarm contact 15 Sec. (or 10 Sec; 5 Sec.) (Safety Lock-Out Switch)	43.05
NE51H (B2A) Neon Bulb	2.80

## PROTECTOFIER TEST ACCESSORIES

Micro Amp Test Meter w/Enclosure & Test Plug Assys. (Dual Scale-Protective Circuit)	221.80
Micro Amp Test Meter less Enclosure (Dual Scale-Protective Circuit)	173.85
Test Plug Assy. for Micro Amp Test Meter—Specify: Alligator Clips, Ring Tong, Mini Plug	22.50
PROTECTOFIER Component Tester (includes SS100A & ACF)	295.75
FLAME-PAK/Relay Removal Tool	7.65
Flame Simulator	22.25
ACF Flame Relay Test Plug (not for Check-Load relay position)	24.45
U300 TIMOFIER Test Plug	26.55

**CAUTION:**  
FOR SERVICE  
PURPOSES ONLY

## P-C II (ULTRA-VIOLET) SCANNER & ACCESSORIES - See Bulletin UV-787

P-C II U-V SCANNER (w <sup>3/8</sup> " flexible metal conduit connector)	158.00
P-C II W U-V SCANNER (w <sup>1/2</sup> " straight liquid-tite electrical connector)	166.50
P-C II WRA U-V SCANNER (w <sup>1/2</sup> " right angle liquid-tite electrical connector)	174.75
Neoprene Gasket Pressure Seal for P-C II U-V Scanner	.90
Heat Seal Assembly w/Magnifying Quartz Lens	96.40
Heat Seal Assembly w/Plain Quartz Lens	84.40
Fiber Insulator (Item 01)	13.00
Neoprene Washer for Heat Seal Assembly (Item 02)	.90
Magnifying Quartz Lens (Item 04)	42.20
Plain Quartz Lens (Item 04)	31.95
Insulating/Purging Nipple (w <sup>1/8</sup> " threaded plugged port) for Heat Seal Assy. and/or P-C II	18.00



PROTECTION CONTROLS, INC.

ELECTRICAL SAFETY EQUIPMENT

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MINIMUM BILLING—\$25.00

## MISCELLANEOUS PARTS

Remote Reset for Form 6642V (B MODELS) PROTECTOFIER			\$59.00
Remote Reset for Form 7256 (B models) PROTECTOFIER			59.00
V2N4T911-UL Off-Run-Ignition Switch (replaces VN154T911-UL)			122.95
UNIFIED Neon light (specify Red or Amber) w/ Retaining Ring			11.15
Telefier Light Socket & Plug w/36" Extended Lead (up to 7'add'l. length add 6.70)			35.90
A06 Ignition Transformer (115V Pri., 1-6000V.Sec. Output Terminal)**			119.50
A10 Ignition Transformer (115V Pri., 2-5000V. Sec. Output Terminals)**			213.85
A10-LA2 Ignition Transformer (115V Pri., 1-10,000V. Sec. Output Terminal)**			256.50
C06-SA6 Ignition Transformer (230V 60 Hz Pri., 6,000V. Sec. Output Terminal)**			192.90
** IGNITION SYSTEMS SHALL NOT BE USED IN LIEU OF COMBUSTION SAFEGUARDS.			
Straight Insulated Connector			3.45
RA Insulated Connector (Right Angle)			5.55
Standard Ignition Cable (275°F.) (7mm)	(1'-99')	(per foot)	1.05
Standard Ignition Cable (275°F.) (7mm)	(100'-999')	(per foot)	.83
Standard Ignition Cable (275°F.) (7mm)	(1000' & over)	(per foot)	.52
High Temperature Ignition Cable (550°F.) (7mm)	(1'-99')	(per foot)	5.00
High Temperature Ignition Cable (550°F.) (7mm)	(100'-999')	(per foot)	4.00
High Temperature Ignition Cable (550°F.) (7mm)	(1000' & over)	(per foot)	2.60
RG62AU Flame Sensor Wire	(1'-99')	(per foot)	3.70
RG62AU Flame Sensor Wire	(100'-999')	(per foot)	2.90
RG62AU Flame Sensor Wire	(1000' & over)	(per foot)	2.16
NFPA 86 Booklet-2011 Standard for Ovens & Furnaces			50.00N
Alarm Horn (open type) (115V. 60Hz)			126.95
Alarm Horn (enclosed type) (115V. 60Hz)			134.10
Voltage Suppressor 115V.			17.95

## MISCELLANEOUS PRODUCTS

Form 6224N/ 15I-15 Cycle TIMOFIER (15 sec. limited ignition trial timer)		241.15
Form 7761/* Non-Adjustable Purge Timer *(specify timing)		343.95
Form 9867 Spark & Sense Assembly		106.80

INSTALLATION, OPERATION AND MAINTENANCE SHALL CONFORM WITH NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS, NATIONAL AND LOCAL CODES, AND AUTHORITIES HAVING JURISDICTION. ANY MODIFICATION VOIDS APPROVALS.



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## FORM 8966 TELE-FAULT II

Form 8966 TELE-FAULT II First-Outage Fault Finder	\$758.70
TELE-FAULT II Mounting Bracket	54.25
NI0.5 Enclosure with 1/4 DIN Cut-out for TELE-FAULT II	224.45

See Bulletin T-489 & Instructions T-66

## FORM 7658 POWER DELAY

Form 7658 POWER DELAY Module	773.00
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200V or 230V 50-60 HZ (for export applications only) N.E.C. requires 115V.....Add 15% to base price.

### REPLACEMENT PARTS

DP 100 DELAY PAK	193.45
SS4CP Transformer	73.20
ACF Check Relay	72.75
LR 100 Relay	38.05
Cartridge Fuse—1/4 ampere—Slow -Blow	4.45

See Bulletin PD1178

# PROTECTOFIER

## FORM 6642FF COMBUSTION SAFEGUARD

Form 6642FF ***-**-* PROTECTOFIER	832.00
PT Purge Timer ***	148.40
ITT Ignition Trial Timer **	148.40
PIT Pilot Interrupt Timer *	148.40
AR Alarm Relay	137.80
Form 6642FF ***-**-* in NEMA 4/12 Enclosure; Power OFF/ON sw.	1,113.00

\*\*\* Purge Time **SPECIFY:** in .25 minute increments to 7.75 minutes maximum

\*\* Ignition Trial Time 10 seconds

\* Pilot Interrupt Time **SPECIFY:** 10 seconds or 15 seconds.

PROTECTOFIER prices include all plug-in components and are shipped only as complete units.

See Bulletin 42-FF/X383 and Service Manual PSM-1187.

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## FORM 6642V COMBUSTION SAFEGUARD

OPEN-TYPE MODELS  
(FOR PANEL MOUNTING)

FOR SINGLE BURNER INSTALLATION						
	FORM 6642VA	FORM 6642VT/*	FORM 6642VB	FORM 6642VBNR	FORM 6642VBT/*	FORM 6642VBTNR/*
1-BURNER	\$435.50	\$567.50	\$517.00	\$637.50	\$649.00	\$769.50
FOR MULTI-BURNER INSTALLATION						
	FORM 6642VL	FORM 6642VLT/*	FORM 6642VBL	FORM 6642VBLNR	FORM 6642VBLT/*	FORM 6642VBLTNR/*
2-BURNER	798.50	930.50	879.75	1000.50	1011.75	1132.35
3-BURNER	1057.50	1189.50	1138.75	1259.25	1270.75	1391.25
4-BURNER	1316.25	1448.25	1397.50	1518.25	1529.50	1650.25
5-BURNER	1575.25	1707.25	1656.50	1770.00	1788.50	1909.00
6-BURNER	1834.00	1966.00	1915.50	2035.00	2047.50	2167.00
FOR EACH ADDITIONAL BURNER						add \$259.00
<b>U</b> or <b>UA</b> modification for replacement in UNIFIED panels					Add \$139.25 to base price.	
200V or 230V 50-60 HZ (for export applications only) N.E.C. requires 115V Add 15% to base price.						

**TELEFIER** feature included with all multi-burner models  
(indicates first burner flame-out position)

“**A**” indicates basic combustion safeguard model.

“**B**” (BREAKER) indicates lock-out switch model. Required for automatic lighted installations. System “latches-out” after failure to light within ignition trial time and cannot attempt re-start until switch is manually reset. Standard ignition trial time is 15 seconds, also available in 10 seconds, and 5 seconds. SPECIFY.

“**L**” (LOAD relay) All multi-burner models include load relay.

“**NR**” (NON-RELIGHT) indicates non-relight model.

“**P**” (PROOF OF CLOSURE) in group number of VT and VLT models.

“**T**” (TIMER) indicates TIMOFIER model PLUG-IN, FIXED-TIME assembly. The TIMOFIER provides purge time and ignition trial time. The ignition trial time is deducted from the motor time cycle (½, 1, 1¼, 2, 3, 4, 5, and 6 minutes available for manual and automatic models, 10 minutes for manual model only) to provide the purge time. Standard ignition trial time is 15 seconds, also available in 10 seconds, 5 seconds, and other ranges. \*SPECIFY BOTH purge and ignition time required. **Purge time shall allow system to have a minimum of four fresh air changes.**

“**V**” (ULTRA-VIOLET) All form 6642V PROTECTOFIER models operate with flame rod (flame recitification principle) and/or PC-II U-V Scanner.

PROTECTOFIER prices include all plug-in components and are shipped only as complete units.

See Bulletin P-24 and Service Manual PSM-1187.

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# STANDARD COMPLETE UNIFIED COMBUSTION CONTROL PANEL

PRICE BULLETIN SCU-0115  
Effective 1-01-15

**Model 82064 (230V)**  
**Model 82065 (460V)**

SUPPLY VOLTAGE 3 ph. 60 Hz	NUMBER OF SUPERVISED BURNERS	WITH IGNITION TRANSFORMER		WITHOUT IGNITION TRANSFORMER	
		MODEL	PRICE	MODEL	PRICE
<b>230V</b> 3 HP MAX.	1-BURNER	82064-1 VT/*	\$2530.00 N	82064X-1 VT/*	\$2471.00 N
	2-BURNER	82064-2VLT/*	2866.00 N	82064X-2VLT/*	2823.00 N
<b>460V</b> 5 HP MAX.	1-BURNER	82065-1 VT/*	2579.00 N	82065X-1 VT/*	2520.00 N
	2-BURNER	82065-2VLT/*	2915.00 N	82065X-2VLT/*	2839.00 N

## PRICES ARE NET

**SPECIFY:** Complete model number from above table  
Motor horsepower  
Motor running current  
\*Purge and ignition trial timing

**Purge time shall allow system to have a minimum of four fresh air changes.**

## MODIFICATIONS:

If modifications are required, consult factory for a quotation of a **COMPLETE UNIFIED** Combustion Control Panel—same features as **STANDARD COMPLETE UNIFIED**—except customized to perform a wide range of additional control functions:

- Supervising any number of burners
- Additional motor control
- Increased motor horsepower
- Instrumentation
- Relays, timers, alarm, switches, lights, etc.

## CUSTOM CONTROL PANELS:

For further customization, **PROTECTAL Control Panels** are available, including panel systems with Underwriters Laboratories label. Consult factory for quotation. See Bulletin No. PCP-1.

See Bulletin 96R99 and Service Manual PSM-1187.

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SCU

## FORM 7256 COMBUSTION SAFEGUARDS Single Burner

FORM			
7256-AH (open-type model for panel mounting)			\$349.75
7256-AHE (enclosed model)			388.50
15 SEC. IGN. TRIAL**	10 SEC. IGN. TRIAL**	5 SEC. IGN. TRIAL**	
7256-B	7256-B10	7256-B5	424.75
7256-BE	7256-B10E	7256-B5E	463.50
7256-BH	7256-B10H	7256-B5H	442.00
7256-BHE	7256-B10HE	7256-B5HE	480.75
7256-BNR	7256-B10NR	7256-B5NR	535.00
7256-BNRE	7256-B10NRE	7256-B5NRE	573.75
7256-BNRH	7256-B10NRH	7256-B5NRH	552.25
7256-BNRHE	7256-B10NRHE	7256-B5NRHE	591.00
7256-BT*-15NR	7256-BT*-10NR	7256-BT*-5NR	656.75
7256-BT*-15NRE	7256-BT*-10NRE	7256-BT*-5NRE	695.25
7256-BT*-15NRH	7256-BT*-10NRH	7256-BT*-5NRH	674.00
7256-BT*-15NRHE	7256-BT*-10NRHE	7256-BT*-5NRHE	712.50
200V or 230V 50-60 Hz (for export applications only) N.E.C. requires 115V			Add 15% to base price.
Replacement SST* Plug-in Purge Timer (*specify timing-15, 30, 60, 90 sec.)			150.45

“A” indicates basic combustion safeguard model.

\*\*B (BREAKER) indicates lock-out switch model. Required for automatic lighted installations. System “latches-out” after failure to light within ignition trial time and cannot attempt re-start until switch is manually reset. Standard ignition trial time is 15 seconds, also available in 10 seconds, and 5 seconds. SPECIFY.

“E” (ENCLOSED) indicates enclosed model.

“H” (HORN) indicates alarm contact model.

“NR” (NON-RELIGHT) indicates non-relight model.

“T” (TIMER) indicates purge timer model. \*SPECIFY purge timing - (15, 30, 60, and 90 seconds available.)

**Purge time shall allow system to have a minimum of four fresh air changes.**

All PROTECTOFIER models operate with flame rod (flame rectification principle) and/or PC-II U-V Scanner.

PROTECTOFIER prices include all plug-in components and are shipped only as complete units.

See Bulletin P-1178 and Service Manual PSM-1187.

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7256

## COMBUSTION CONTROL PANEL

NUMBER OF SUPERVISED BURNERS	WITH IGNITION TRANSFORMER		WITHOUT IGNITION TRANSFORMER	
	STANDARD MODEL 62019	TIMOFIER* MODEL 62021	STANDARD MODEL 62019X	TIMOFIER* MODEL 62021X
1-BURNER	\$839.75	\$1054.75	\$752.75	\$967.75
2-BURNER	1319.75	1534.50	1209.25	1424.00
3-BURNER	1768.50	1983.50	1634.75	1849.75
4-BURNER	2217.50	2432.50	2060.50	2275.25
5-BURNER	2666.50	2881.25	2486.00	2701.00
6-BURNER	3115.25	3330.25	2911.50	3126.50
FOR EACH ADDITIONAL BURNER	ADD 449.00		ADD 425.50	
<b>"B"</b> BREAKER MODEL FOR AUTOMATIC OPERATION. DOES NOT INCLUDE START PUSHBUTTON. ADD 81.25				
<b>"NR"</b> NON-RELIGHT MODEL. AVAILABLE IN ALL AUTOMATIC MODELS ADD 120.50				

**"B"** (BREAKER) indicates lock-out switch model. Required for automatic lighted installations. System "latches-out" after failure to light within ignition trial time and cannot attempt re-start until switch is manually reset. Standard ignition trial time is 15 seconds, also available in 10 seconds, and 5 seconds. SPECIFY.

**"T"** (TIMER) indicates TIMOFIER model PLUG-IN, FIXED-TIME assembly. The TIMOFIER provides purge time and ignition trial time. The ignition trial time is deducted from the motor time cycle (1/2, 1, 1 1/4, 2, 3, 4, 5, and 6 minutes available for manual and automatic models, 10 minutes for manual model only) to provide the purge time. Standard ignition trial time is 15 seconds, also available in 10 seconds, 5 seconds, and other ranges. **\*SPECIFY** BOTH purge and ignition time required. **Purge time shall allow system to have a minimum of four fresh air changes.**

ADDITIONAL EQUIPMENT FOR UNIFIED CONTROL PANEL	
MODIFICATION TO UNIFIED PANEL (minor additions)	Add \$139.25
Audible Alarm (installed and wired)	270.00
Additional Selector or Pushbutton Switch and Indicator Light (installed and wired)	119.50
Additional Load Relay (installed and wired)	119.50
TELEFIER Flame-Fault Indicator (extended to face of Panel)	50.00
Micro Amp Test Meter (installed and wired)	221.80
<b>NOTE:</b> ADDITIONAL MODIFICATIONS TO UNIFIED PANELS AVAILABLE, INCLUDING PANEL SYSTEMS WITH UNDERWRITERS LABORATORIES LABEL. CONSULT FACTORY FOR QUOTATION.	

See Bulletin 96R99 and Service Manual PSM-1187.

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# MINI-UNIFIED COMBUSTION CONTROL PANEL

PRICE BULLETIN MINI-UN-0115  
Effective 1-01-15

## FORM 76057

<b>Form No. 76057-A</b> Features Form 7256AHU PROTECTOFIER with "Start-Stop" Pushbuttons and "Flame On" light	\$539.00
<b>Form No. 76057-B (Specify trial for ignition timing*—15 sec. standard)</b> Features Form 7256BHU PROTECTOFIER with Thermal Circuit Breaker*, "Start-Stop" Pushbuttons and "Flame On" light	641.00
<b>Form No. 76057-BT/ (Specify purge and trial for ignition timing*—15 sec. standard)</b> Features Form 7256BTU PROTECTOFIER with Purge Timer*, Thermal Circuit Breaker*, "Start-Stop" Pushbuttons and "Flame On", "Purging" and "Purged" lights	842.00

## REPLACEMENT PARTS

SST - *Plug-in Purge Timer ( <b>*specify</b> timing—15, 30, 60, 90 Sec.) <b>Purge time shall allow system to have a minimum of four fresh air changes.</b>	\$150.45
Thermal Circuit Breaker (*Specify trial for ignition timing—5,10,15 Sec.)	34.60
Thermal Circuit Breaker w/Alarm Contact (Specify trial for ignition timing*)	43.05
SS100A FLAME-PAK Assembly (standard 2-4 sec. flame response)	109.75
ACF Relay	72.75
SS3CP Transformer	84.25

See Bulletin MU-1076 and Service Manual PSM-1187.

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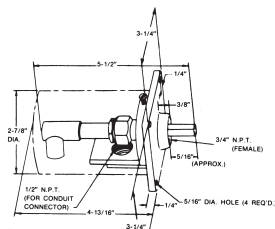
# FLAME SENSORS

PRICE BULLETIN FS-0115  
Effective 1-01-15

		ELECTRODE ASSEMBLIES		FLAME ROD ASSEMBLIES		FLAME ROD ONLY	
							
DIA.	LENGTH	STOCK NO.	PRICE	STOCK NO.	PRICE	STOCK NO.	PRICE
1/8"	6"	L-11106	\$88.50	R-1106	\$37.25	F-106	\$5.15
	12"	L-11112	92.00	R-1112	40.75	F-112	8.65
	18"	L-11118	95.50	R-1118	44.25	F-118	12.15
	24"	L-11124	99.00	R-1124	47.75	F-124	15.65
	36"	L-11136	106.00	R-1136	54.75	F-136	22.65
3/16"	6"	L-11206	91.60	R-1206	40.35	F-206	8.20
	12"	L-11212	97.30	R-1212	46.05	F-212	13.95
	18"	L-11218	103.00	R-1218	51.80	F-218	19.65
	24"	L-11224	108.75	R-1224	57.50	F-224	25.40
	36"	L-11236	120.20	R-1236	68.95	F-236	36.85
1/4"	6"	L-11406	97.50	R-1406	46.20	F-406	14.10
	12"	L-11412	108.30	R-1412	57.00	F-412	24.90
	18"	L-11418	119.10	R-1418	67.85	F-418	35.70
	24"	L-11424	129.90	R-1424	78.65	F-424	46.55
	36"	L-11436	151.50	R-1436	100.30	F-436	68.15
	48"	L-11448	173.15	R-1448	121.90	F-448	89.80

Reducer for Flame Rod Assembly 3/4" to 1/2" 3.10

Note: Electrode Housing is cast aluminum. Flame Rod material is Hoskins' "Chromel AA". Flame rod assemblies are threaded 1/2" N.P.T. See flame rod assembly drawing no. X-376



## P-C II (ULTRA-VIOLET) SCANNER

For use with either *gas* or oil flames. Compact units contain an ultra-violet sensing tube for direct 2-wire connection to PROTECTOFIER (no transformer circuit). **IMPORTANT:** Flame Electrodes and P-C II Scanners can be used simultaneously in the same PROTECTOFIER system. Knurled mounting ring is threaded 3/4" N.P.S. (internal thread). 100°C. maximum temperature.

P-C II U-V Scanner (with 3/8" flexible metal conduit connector)	\$ 158.00
P-C II W U-V Scanner (with 1/2" straight liquid-tite electrical connector)	166.50
P-C II WRA U-V Scanner (with 1/2" right angle liquid-tite electrical connector)	174.75

See Bulletin PAR-809 for PC-II Scanner accessories and Bulletin UV-787.

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## FORM 5909N

FORM NO.	MODULAR CAPACITIES	PRICE 12,000V Max.
5909N-8/*	8	\$356.50
5909N-12/*	12	413.00
5909N-16/*	16	469.50
5909N-20/*	20	525.75
5909N-24/*	24	582.25
5909N-28/*	28	638.75
5909N-32/*	32	695.00
5909N-36/*	36	751.50
5909N-40/*	40	808.00

\*SPECIFY EXACT NUMBER OF BURNERS TO BE IGNITED  
IGNITIFIER I DOES NOT INCLUDE IGNITION TRANSFORMER See Price Bulletin PAR/2-809

## IGNITIFIER I PARTS LIST

Heavy Duty Ignitifier Motor 115V., 60Hz		\$115.75
C-C Brush Rotor Assembly (Less Drive Coupling) No. 8-1 No. 12-**      **SPECIFY (-1) CLOCKWISE WIPING ACTION AS VIEWED FROM MOTOR No. 16-**      (-2) COUNTER-CLOCKWISE No. 20-**		34.00
Ignitifier Insulators, small      (pair, male & female)		1.55
Ignitifier Insulators, large      (pair, male & female)		5.65
Ignitifier Mushroom Head Contact		2.80
Drive Coupling		5.15
Nylon Screw		1.55
Spring Clip Jumper		2.65
Center Connector		4.15
Ferrule Connector		2.85
Straight Insulated Connector		3.45
Phenolic Plate (specify 8,12,16, or 20)		34.40

See Bulletin I-471

IGNITION SYSTEMS SHALL NOT BE USED IN LIEU OF COMBUSTION SAFEGUARDS.

INSTALLATION, OPERATION AND MAINTENANCE SHALL CONFORM WITH NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS, NATIONAL AND LOCAL CODES, AND AUTHORITIES HAVING JURISDICTION. ANY MODIFICATION VOIDS APPROVALS.



**PROTECTION CONTROLS, INC.**

ELECTRICAL SAFETY EQUIPMENT

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(847) 674-7676 • CHICAGO PHONE: (773) 763-3110 • FAX: (847) 674-7009  
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www.protectioncontrolsinc.com

# IGNITIFIER II

and

# IGNITIFIER III

PRICE BULLETIN IGN SS-0115  
Effective 1-01-15

## FORM 6954 IGNITIFIER II

Form 6954 IGNITIFIER II Transformer (enclosed) (for ignition of up to 30 burners)	
Including: 1 — Tube RTV Sealant	
1 — Bottle Primer for RTV Sealant	\$521.50
Ignitor Module (including 3 connectors & insulated bushing per Module)	78.75 ea.

**NOTE:** IGNITIFIER II Transformer not sold as open type.

### IGNITIFIER II PARTS AND ACCESSORIES

Tube RTV Sealant		\$18.25
Bottle RTV Primer for RTV Sealant		5.25 ea.
Standard Ignition Cable (275°F.) (7mm)	(1'-99')	1.05 ft.
Standard Ignition Cable (275°F.) (7mm)	(100'-999')	.83 ft.
Standard Ignition Cable (275°F.) (7mm)	(1,000'& over)	.52 ft.
High Temperature Ignition Cable (550°F.) (7mm)	(1'-99')	5.00 ft.
High Temperature Ignition Cable (550°F.) (7mm)	(100'-999')	4.00 ft.
High Temperature Ignition Cable (550°F.) (7mm)	(1,000'& over)	2.60 ft.
Cartridge Fuse—8 Ampere		4.45 ea.
Ignitor Module Connector		.14 ea.

### IGNITIFIER III

Form 7759 IGNITIFIER III Spark Blind Ignitor (single burner)	135.75
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See Bulletin I-119

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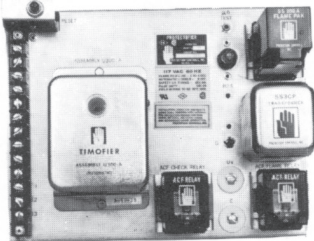
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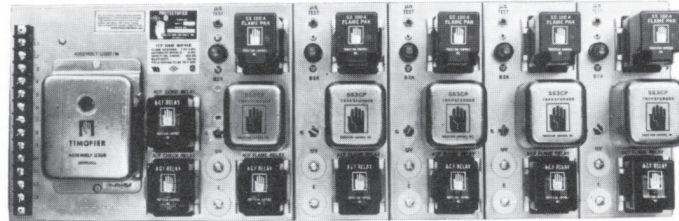


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ELECTRICAL SAFETY EQUIPMENT



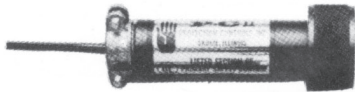
SINGLE-BURNER PROTECTOFIER



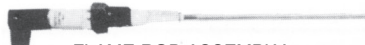
MULTI-BURNER PROTECTOFIER (5 BURNER)

FORM 662V PROTECTOFIER COMBUSTION SAFEGAURD  
BULLETIN P-24

P-C "II" U.V. SCANNER  
BULLETIN UV-787



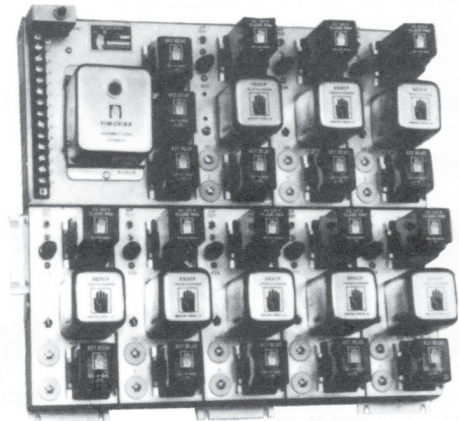
FLAME SENSORS



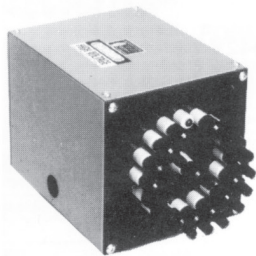
FLAME ROD ASSEMBLY  
PRICE BULLETIN FS



FORM 8966 TELE-FAULT II  
FIRST-OUTAGE FAULT FINDER  
BULLETIN T-489



MULTI-BURNER NON RE-LIGHT  
PROTECTOFIER (8 BURNER)

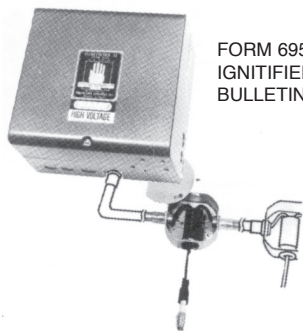


FORM 5909N  
IGNIFIER I  
BULLETIN I-471

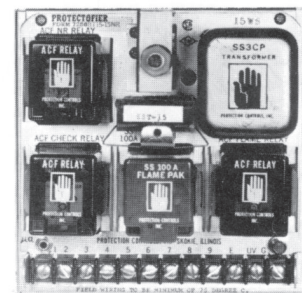
FORM 76057 MINI-UNIFIED  
PACKAGED COMBUSTION  
PROTECTION  
BULLETIN MU-1076



FORM 7256 PROTECTOFIER  
COMBUSTION SAFEGAURD  
BULLETIN P-1178



FORM 6954  
IGNIFIER II  
BULLETIN I-119



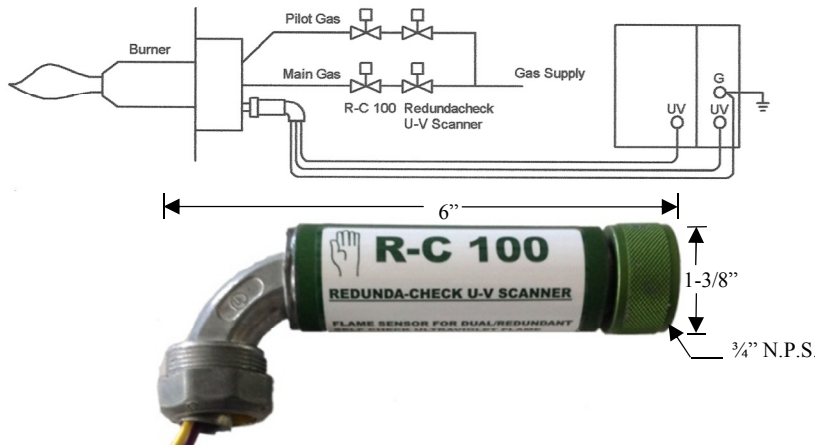
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## DUAL/REDUNDANT SELF CHECK ULTRAVIOLET FLAME SENSOR AND COMBUSTION SAFEGUARD CONTROL

Form 6642VL,-VLT,-VBL,-VBLT,-VBLNR, Or -VBLTNR with GROUP MR---- PROTECTOFIER CONTROL



### R-C 100 Specifications:

- Maximum temperature 100°C
- Normal operating voltage 590 VAC UV terminal to ground
- 3/4" mounting
- 1/2" right angle liquid-tite electrical connector
- NEMA 4
- No moving parts
- High signal strength
- Recommended for over 24 hours continuous operation application.



R-C100 REDUNDA-CHECK U-V SCANNER \$450.00

Two U-V tubes in one sensor, two flame signal amplifiers, two flame relays, check relay, and load relay to monitor one burner. Available as basic model, with ignition trial (manual or automatic), manual with purge & ignition trial, automatic with purge and ignition trial, non relight automatic with ignition trial and non relight automatic w/purge and trial for ignition.

### FORM 6642V PROTECTOFIERS (For use with R-C 100 Redundacheck U-V Scanner)

	Basic Group			W/ Ignition Trial Manual or Automatic			w/ Purge & TFI (specify) Manual		
	Form	Group	Price	Form	Group	Price	Form	Group	Price
<b>1 Burner</b>	6642VL	MR3102	\$798.50	6642VBL	MR3102	\$879.75	6642VLT	MRP4102	\$930.50
<b>2 Burner</b>	6642VL	MR5104	\$1,316.25	6642VBL	MR5104	\$1,397.50	6642VLT	MRP6104	\$1,448.25
<b>3 Burner</b>	6642VL	MR4206	\$1,834.00	6642VBL	MR4206	\$1,915.50	6642VLT	MRP4206	\$1,966.00
<b>4 Burner</b>	6642VL	MR5208	\$2,352.00	6642VBL	MR4208	\$2,433.25	6642VLT	MRP5208	\$2,483.75

	w/ Purge & TFI (specify) Automatic			Non-Relight Automatic w/ Ignition Trial			Non-Relight Automatic w/ Purge & TFI		
	Form	Group	Price	Form	Group	Price	Form	Group	Price
<b>1 Burner</b>	6642VBLT	MR4102	\$1,011.75	6642VBLNR	MR4302	\$1,000.50	6642VBLTNR	MR4102	\$1,132.35
<b>2 Burner</b>	6642VBLT	MR6104	\$1,529.50	6642VBLNR	MR5104	\$1,518.25	6642VBLTNR	MR6104	\$1,650.25
<b>3 Burner</b>	6642VBLT	MR4206	\$2,047.50	6642VBLNR	MR4206	\$2,035.00	6642VBLTNR	MR4206	\$2,167.00
<b>4 Burner</b>	6642VBLT	MR5208	\$2,565.25	6642VBLNR	MR5208	\$2,553.75	6642VBLTNR	MR5208	\$2,685.75

Additional Burners available at \$518 per Burner

"B" (BREAKER) indicates lock-out switch model. Required for automatic lighted installations. System "latches-out" after failure to light within ignition trial time and cannot attempt re-start until switch is manually reset. Standard ignition trial time is 15 seconds, also available in 10 seconds, and 5 seconds. SPECIFY.

"T" (TIMER) indicates TIMOFIER model PLUG-IN, FIXED-TIME assembly. The TIMOFIER provides purge time and ignition trial time. The ignition trial time is deducted from the motor time cycle (1/2, 1, 1 1/4, 2, 3, 4, 5, and 6 minutes available for manual and automatic models, 10 minutes for manual model only) to provide the purge time. Standard ignition trial time is 15 seconds, also available in 10 seconds, 5 seconds, and other ranges. \*SPECIFY BOTH purge and ignition time required. **Purge time shall allow system to have a minimum of four fresh air changes.**

"NR" (NON-RELIGHT) indicates non-relight model.

"P" (PROOF OF CLOSURE) in group number.

"R" (Use with R-C100 U-V Scanner) in group number.



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