

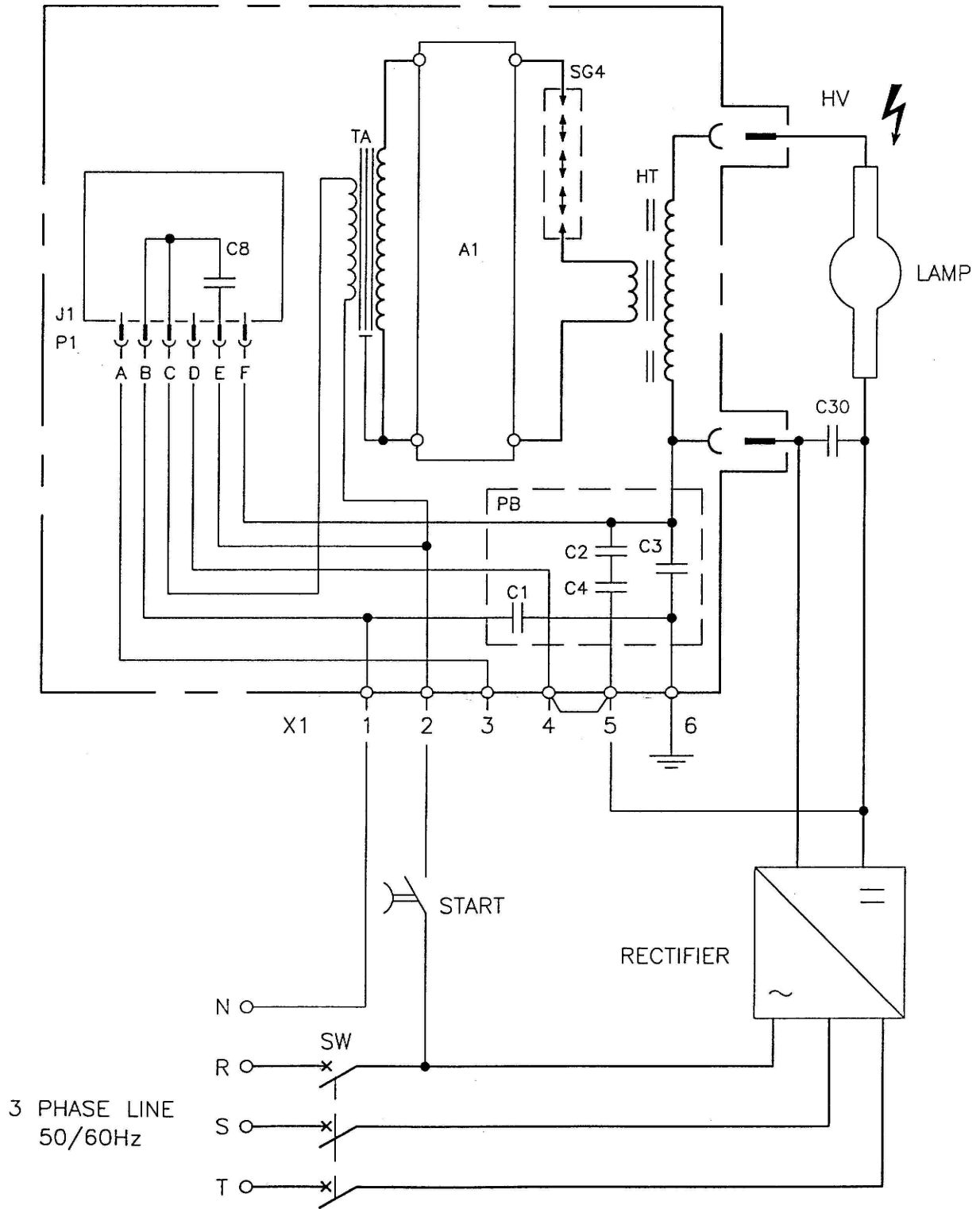
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Descrizione :

H.V. IGNITER mod. ASN 700-US
 ASN 1000

MANUAL IGNITION

115V 50/60Hz

IREM
 IREM SpA-S.Antonino (TO) ITALY

N. S35430

Ref.: schema/drawing no. S35430-a

RIF. / ref.	DESCRIZIONE / Description	TIPO / type	Q.	COD/code
SG4	SPINTEROMETRO Spark gap		1	69000120
PB	CIRCUITO STAMPATO Printed board		1	88827376
C1-C3	CONDENSATORE 2200 pF 2200pF capacitor	250V	2	88310013
C2-C4	CONDENSATORE 0.047 uF 0.047 uF capacitor	250V	2	88310065
C8-C30	CONDENSATORE 0.022 uF 0.022 uF capacitor	250V	1	88310038
A1	CIRCUITO RADDRIZZATORE Rectifier circuit		1	SPE
TA	TRASFORMATORE transformer		1	63014088
HT	BOBINA Coil		1	63000573
X1	MORSETTIERA Terminal board	AL 952-6	1	84620011

Igniters for short arc Xenon lamps or similar arc lamps

Introduction

These igniters have been expressly designed to strike short arc Xenon lamps or similar arc lamps. The use of highly sophisticated electronic appliances in the motion field has highlighted the problems related to the R.F. interferences generated by the igniters.

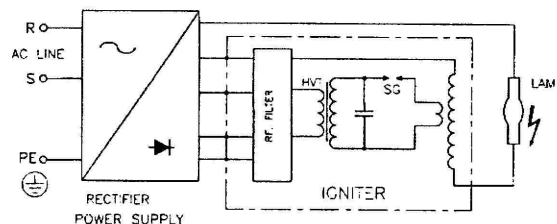
IREM has developed a range of igniters to alleviate this problem. In order to better define the noise level parameter, IREM decided to consider the number of sparks per half cycle (see section "no. of spikes per half cycle" in the tables on next pages).

The igniters listed in the tables have different operating noise levels, depending on the application field.

The igniters without suffix "A" are suitable for manual ignition. The igniters with suffix "A" are fitted with a built-in relay system for automatic or short timed ignition to avoid damaging the igniter in case of lamp fault operation.

These igniters meet the lamp manufacturers recommendations to ensure immediate and correct ignition of the lamp when cold or at any cooling condition. These units should be installed close to the lamp but thermally shielded from it. The high voltage lead must be as short as possible and carefully insulated to prevent corona discharge and reduction in strike energy. As far as the insulation class, these devices can be considered class II (as per IEC 536), but they must be grounded for proper interference suppression.

Block diagram



Outline drawings

AS-1530
AS-3040

AS-8030

ASN-700A ASN-700
AS-16035A AS-16035
ASD-16040A

ASN-1000A ASN-1000
AS-20045A AS-20045

AS-40045A

