

EXPLOITATION INSTRUCTION FOR CONVENTIONAL SUPERIMPOSED IGNITORS 70W, 400W AND 1000W AND SAFETY TIMED IGNITORS

The present exploitation instruction aims to introduce the customer with the means of installation and conditions of exploitation of superimposed ignitors, produced by “Electrostart” JSCo.

Technical characteristics of the product

- Working voltage - 220-240 VAC
- The maximum input current and the outgoing voltage is showed on the ignitor’s body and depends on the product type
- Time for automatic cut off (only for safety timed ignitors) – 5 minutes.
- Environmental temperature (t_a) from -30 to +70 C; from -30 to +65 C for ZX 1000W.
- Maximal distance between ignitor and the lamp – up to 2 meters.

Installation

The ignitor is to be installed in the lighting unit’s body using a holding strap, with a peg and a nut. The spot where ignitor is installed has to be detached from the lamp. The connection mode to the ballast and the lamp is to be done according the scheme, showed on the ignitor’s body.

When connecting the ignitor to the lighting unit, a control over the tightening of the product nut to the frame is required. The maximum intensity should not exceed 1.2 Nm. Ignitors should be used only with ballast and a lamp corresponding to the respective product type and power.

The necessary information is showed on the ignitor’s body.

We recommend the use of the “Electrostart” JSCo manufactured superimposed ignitors with the following products:

35 – 70 W lamps that require a 3.5–4.5KV impulse could use ignitors of type ZX.

PHILIPS

MASTERColourCDM-T35W/8xxG8,5 1CT
 MASTERColourCDM-TC35W/8xxG8,5 1CT
 MASTERColourCDM-T70W/942 G12 1CT
 MASTERColourCDM-T70W/830 G12 1CT
 MASTERColourCDM-TC70W/830 G12 1CT
 MASTERColourCDM-T Elite Light Boost 70W/9xx G12
 MASTERColourCDM-TC Elite Light Boost 70W/9xx G12

OSRAM

HCI-E/P 35W
 HCI-T 35W
 HCI-TC 35W
 HCI-TX 35W
 HCI-PAR20 35W
 HCI-PAR30 35W
 HCI-PAR30 70W

GE(TUNGSRAM)

HCI-E/P 70W CMH-35W
 HCI-T 70W CMH-70TC
 HCI-TS 70W CMH-70TT
 HCI-TX/P70W CMH-70TU
 HCI-TC 70W
 HQI-T 70W
 HQI-TS 70W

ZX 1000W ignitors are not recommended to work with 1000W HPSV, sodium lamps with rectifying effect.

For any ignitors’ damages occurred due to a failure in complying with the above mentioned instructions “Electrostart” JSCo holds no responsibility and will not accept any warranty claims for them. The warranty

SUPERIMPOSED PULSE IGNITORS

conditions may be found on the “Electrostart” JSCo web site www.electrostart.com.

HP-SV,HS,SON Lamps				Ignitors Production line			
MH,HI Lamps				Superimposed pulse ignitors			
				ZX70	ZX	ZX1000	
				Superimposed pulse ignitors with timer and controller for defective lamp			
Lamps	kV peak Voltage	W	A	ZX 70-T	ZX 400-T		
HPSV Lamps	1,8 - 2,4	35	0,53	X			
		50	0,76	X			
		70	0,98	X			
	3,00 - 5,00	35	0,53			X	
		70TS	0,98			X	
		100	1,2			X	
		150	1,8			X	
		250	3			X	
	3,50 - 5,00	400	4,4			X	
		600	6,2				X
	1000	10,3				X	
MH Lamps	3,00 - 5,00	35	0,53			X	
		70	0,98			X	
		100	1,2			X	
		150	1,8			X	
		250	3			X	
	400	3,5			X		
	3,50 - 5,00	1000	9,5				X
We recommend the use of superimposed pulse ignitors with timer and controller for defective lamp							
T	Time for automatic cut off					5 min	