

HID-EXC for SOX

EXC 91 SOX-E 220-240V 50/60Hz

Electronic driver for SOX lamp

Product data

• General Characteristics

Rated Number of Lamps	1 piece
Rated Ballast-Lamp Power	91
Rated Lamptype	SOX-E
Application code	E11
Line Voltage	220-240 V
Line Current	0.41 A
Line Frequency	50/60 Hz
Housing	L 335x39x28
IP Classification	20
Luminaires	
Lifetime 90% surv.@Tcaselife	50000 hr

• Operating Characteristics

Automatic restart	No
Inrush current Peak	50 (max) A
Inrush current Width	0.22 ms
Max ballast on MCB(16A type B)	12 x
Lamp Power Tolerance	-10%/+10%
Earth leakage current	0.5 mA
Mains voltage safety (AC)	-10%/+10%
Mains voltage performance (AC)	-8%/+6%
Min. Mains voltage operational	180 (min) V
Output peak voltage	1000 (max) V
Operating frequency *	45 kHz
Overvoltage protection 320Vac	48 hr

Overvoltage protection 350Vac	2 hr
PowerFactor 100% output power	0.95 -
Ignition switch-off time	0.08 min
Ignition Voltage	0.6 (min), 1.0 (max) kV
Hum and Noise level	37 dB(A)

• System Chars on driver level

Rated Lamp Power on SOX-E	91
System Power on SOX-E	93.0
Lamp Power on SOX-E	87.0
Power Loss on SOX-E	6.0

• Wiring Characteristics

Cable-Cap output-wires mutual	1000 pF
Connector type	Insert
Max. cable length	10 m
Device/Lamp Striplength	8.0 mm
Wcs Ballast contacts	0.50-2.50 mm ²

• Temperature Characteristics

T-case life	75 C
T-case switch-off	75 (min) C
T-ambient	-20 (min), 50 (max) C
T-storage	-40 (min), 80 (max) C

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sense and simplicity

• Approval & Application Chars

EMI 9 kHz ... 300MHz	CISPR 15 ed 7.1
Safety Standard	EN 60928, 60926
Quality Standard	ISO 9000:2000
Environmental Standard	ISO 14001
Harmonic current emissions	EN 60555.2
Vibrations	IEC 68-2-6 Fc
Bumps	IEC 68-2-29 Eb
Humidity	IEC 928-13
Approval marks	ENEC
CE marking	Yes
ENEC certificate	Yes
VDE certificate	No
VDE-EMV certificate	No
CB Certificate	Yes

• Product Dimensions

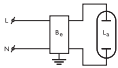
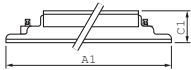
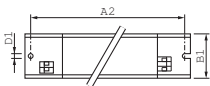
Length A1	335.0 mm
Fixing Hole Distance	325.0 mm
Length A2	

Width B1	39.0 mm
Height C1	28.0 mm
Fixing Hole Diameter D1	4.2 mm

• Product Data

Order code	913700621866
Full product code	913700621866
Full product name	EXC 91 SOX-E 220-240V 50/60Hz
Order product name	EXC 91 SOX-E 220-240V 50/60Hz
Pieces per pack	1
Packing configuration	10
Packs per outerbox	10
Bar code on pack - EAN1	8711500741080
Bar code on outerbox - EAN3	8711500741097
Logistic code(s) - 12NC	913700621866
Net weight per piece	0.320 kg

Dimensional drawing



Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	C1 (Norm)	D1 (Norm)
EXC 91 SOX-E 220-240V 50/60Hz	335.0	325.0	39.0	28.0	4.2



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2011, May 10
data subject to change