



**NBB Bohemia s.r.o.**

Výroba a prodej osvětlovací techniky, Sídliště 693, 407 22 Benešov nad Ploučnicí



## Product Data Sheet

Elektronický předřadník - T8

**HELVAR EL2x18 ngn**

Order number  
**911010020**



### General information

Specifications	<b>EL2x18ngn</b>
Model/Description	<b>Elektronický předřadník T8</b>
Finish	<b>Nestmívatelný/Non dimmable</b>
Brand/Manufacturer	<b>HELVAR</b>
Lamp type	<b>T8 linear</b>
Degree of protection (IP)	<b>IP00</b>
Dimmable	<b>Ne</b>
Nominal voltage (V)	<b>220-240 V</b>
Dimmable by conventional dimmers	<b>Ne</b>
Název položky	<b>HELVAR EL2x18 ngn</b>

### Electrical characteristics

Nominal wattage	<b>2 x 18 W</b>
Rated power (W)	<b>37,0 W</b>
Operating voltage (V)	<b>198-264 VAC, 176-280 VDC V</b>
Endurance	<b>320 VAC, 1 h V</b>
Type of Voltage	<b>AC/DC</b>
Maximal output voltage (V)	<b>350 V V</b>
Direct connection to the mains	<b>Ano</b>
Nominal current (A)	<b>0,16-0,15 A</b>

### Working conditions

Type of start	<b>Instant</b>
Output frequency of ballast (driver)	<b>&gt;40 kHz kHz</b>
Maximum length of wires between the lamp and ballast	<b>1,5 m mm</b>

Operating frequency	50 - 60 Hz
Working temperature of the ballast body -Tc max	75 °C °C
Maximum permitted storage temperature	-40...+80 °C °C
Heat protection	Ano
Protection against damage during power failure	Ano
Protection against overvoltage	Ano
Cooling Type	Vzduchem/Air
Burning position	Universal
Total Harmonic Distortion	<10% %
Type of control gear	Elektronický/Electronic
Ambient temperature	-20...+50 °C

#### Physical characteristics

Dimensions (mm)	280 x 30 x 28 mm
Packing method	10 - 1
Spacing of fixing holes	270 mm mm
Weight netto	200 g g

#### EuP Parameters

Number of maximal switching cycles	>50.000
The rate of premature failures	<1% %
Turn-on time	<1,0 s s

#### Safety information

Insulation class	Tř I. Ochranným vodičem
Safety instructions	www.nbb.cz

#### Energetic characteristics

Energy Efficiency Index	A2
Lamp Power factor (PF)	0,98

#### Lamp survival factor (LSF)

LSF after 1.000 hrs	99,99 % %
LSF after 50.000h	90,0 % at tc %

#### Exclusion of liability

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#### Popis

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