PHILIPS Lighting



Xtreme drivers for maximum energy savings

DynaVision Programmable Xtreme for SON

Highly reliable and flexible electronic drivers for SON lamps; designed to save energy via integrated controls, and to reduce maintenance costs thanks to 80,000hour lifetime and integrated lightning protection. The DynaVision Programmable product family is the perfect basis for any sort of lighting management solution.

Benefits

- \cdot Enables 2-way communication with the lighting network (via DALI)
- Up to 40% energy saving due to the integrated dimming options and very high driver efficiency
- Minimizes maintenance cost due to the Xtreme lifetime of 80,000 hours and integrated lightning protection

Features

- Programmable by means of standard digital interface (DALI) and controllable via DALI protocol
- Integrates several control options (DynaDimmer, LineSwitch, AmpDim, Constant Light Output, Adjustable Light Output)
- \cdot Xtreme long lifetime of 80,000 hours with minimum 90% survival at Tc = 80 °C
- Xtreme lightning protection 10 kV/5 kA
- \cdot Accurate lamp power stabilization of 95-97% over wide mains-voltage range of 180-300 V

Application

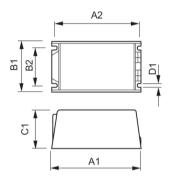
- \cdot Road/highway lighting
- \cdot Residential lighting
- City beautification

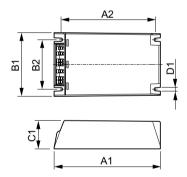
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Versions



Dimensional drawing





Operating and Electrical	
Input Frequency	50 to 60 Hz
Input Voltage	208-240-277 V
Line Frequency	50 to 60 Hz

Operating and Electrical

		Number of Products on MCB
Order Code	Full Product Name	(16A Type B) (Nom)
21991000	HID-DV PROG Xt 250 SON C2 208-277V	11
66924100	HID-DV PROG Xt 50 SON Q 208-277V	11
66926500	HID-DV PROG Xt 70 SON Q 208-277V	11

Product	D1	C1	A1	A2	B1	B2
HID-DV PROG Xt 250	4.8 mm	58.0 mm	169.0 mm	156.0 mm	100.0 mm	81.5 mm
SON C2 208-277V						

Product	D1	C1	A1	A2	B1	B2
HID-DV PROG Xt 100	4.5 mm	40.0 mm	150.0 mm	133.6 mm	90.0 mm	70.0 mm
SON Q 208-277V						
HID-DV PROG Xt 150 SON	4.5 mm	40.0 mm	150.0 mm	133.6 mm	90.0 mm	70.0 mm
Q 208-277V						
HID-DV PROG Xt 50 SON	4.5 mm	40.0 mm	150.0 mm	133.6 mm	90.0 mm	70.0 mm
Q 208-277V						
HID-DV PROG Xt 70 SON	4.5 mm	40.0 mm	150.0 mm	133.6 mm	90.0 mm	70.0 mm
Q 208-277V						

		Number of Products on MCB
Order Code	Full Product Name	(16A Type B) (Nom)
66928900	HID-DV PROG Xt 100 SON Q 208-277V	5
66930200	HID-DV PROG Xt 150 SON Q 208-277V	5

DynaVision Programmable Xtreme for SON

Mechanical and Housing

Order Code	Full Product Name	Housing
21991000	HID-DV PROG Xt 250 SON C2 208-277V	C2
66924100	HID-DV PROG Xt 50 SON Q 208-277V	Q
66926500	HID-DV PROG Xt 70 SON Q 208-277V	Q

Order Code	Full Product Name	Housing
66928900	HID-DV PROG Xt 100 SON Q 208-277V	Q
66930200	HID-DV PROG Xt 150 SON Q 208-277V	Q



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