PHILIPS Lighting



Xtreme drivers for maximum energy savings

DynaVision Programmable Xtreme for CDO

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

Benefits

- Enables 2-way communication with the lighting network (via DALI)
- \cdot 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

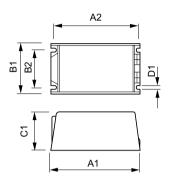
- Programmable by means of standard digital interface (DALI) and controllable via DALI protocol
- Integrates several control options (DynaDimmer, LineSwitch, AmpDim, Constant Light Output, Adjustable Light Output)
- \cdot Longest lifetime for electronic drivers: 80,000 hours with minimum 90% survival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

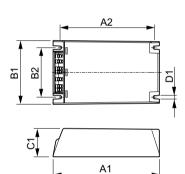
DynaVision Programmable Xtreme for CDO

Application

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

Dimensional drawing





Product details



HID-DV DALI Prog Xt 150 CDO Q



HID-DV DALI Prog Xt 100 CDO Q

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
CDO C2 208-277V						
HID-DV PROG Xt 70	5.0 mm	65.0 mm	150.0 mm	135.9 mm	65.0 mm	46.8 mm
CDO C1 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
CDO Q 208-277V						
HID-DV PROG Xt 150 CDO	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 CDO	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 CDO	4.5 mm	40.0 mm	150.0 mm	133.6 mm	90.0 mm	70.0 mm
Q 208-277V						
Q 208-277V						



HID-DV DALI Prog Xt 50 & 70 CDO Q

DynaVision Programmable Xtreme for CDO

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)
913700677866	HID-DV PROG Xt 70 CDO C1 208-277V	11
913700679666	HID-DV PROG Xt 250 CDO C2 208-277V	11
913700692966	HID-DV PROG Xt 50 CDO Q 208-277V	11

		Number of Products on MCB
Order Code	Full Product Name	(16A Type B) (Nom)
913700693066	HID-DV PROG Xt 70 CDO Q 208-277V	11
913700693166	HID-DV PROG Xt 100 CDO Q 208-277V	5
913700693266	HID-DV PROG Xt 150 CDO Q 208-277V	5

Mechanical and Housing

Order Code	Full Product Name	Housing
913700677866	HID-DV PROG Xt 70 CDO C1 208-277V	C1
913700679666	HID-DV PROG Xt 250 CDO C2 208-277V	C2
913700692966	HID-DV PROG Xt 50 CDO Q 208-277V	Q

Order Code	Full Product Name	Housing
913700693066	HID-DV PROG Xt 70 CDO Q 208-277V	Q
913700693166	HID-DV PROG Xt 100 CDO Q 208-277V	Q
913700693266	HID-DV PROG Xt 150 CDO Q 208-277V	Q



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.