

DAL1 Series

LED Controllers



Key Features:

- Suitable for indoor LED lighting
- Capable of RGB colour adjustment
- PUSH and Constant voltage dimmers available
- 0-100% dimming range via logarithmic characteristic, perfect for human vision
- 256 levels of grey scales with smooth dimming control
- Power repeater available for increased lengths of LED tape
- Compliant to IEC62386-102 and IEC62386-207

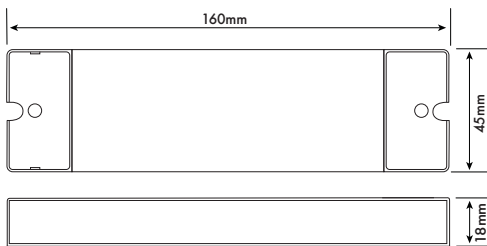
DALI SPECIFICATION

Part Code	DAL1DIM1	DAL1DIM4	DAL1DIM1-8A	DAL1DIM4-8A	DAL1DIM1P
Voltage Input	12 ~ 36VDC	12 ~ 36VDC	12 ~ 36VDC	12 ~ 36VDC	12 ~ 36VDC
Max Load Current	4x5A	4x5A	4x8A	4x8A	4x5A
Rated Power	4x(60-180)W	4x(60-180)W	4x(96-288)W	4x(96-288)W	4x(60-180)W
Load Regulation	±0.4%	±0.4%	±0.4%	±0.4%	±0.4%
Addresses	1	4	1	4	1
Temperature Range	-20°C ~ +50°C	-20°C ~ +50°C	-20°C ~ +50°C	-20°C ~ +50°C	-20°C ~ +50°C
TA	-20°C ~ +50°C	-20°C ~ +50°C	-20°C ~ +50°C	-20°C ~ +50°C	-20°C ~ +50°C
TC	+75°C	+75°C	+75°C	+75°C	+75°C
Additional Functions	-	-	-	-	Push Dimmer
Dimensions	160 x 45 x 18mm	160 x 45 x 18mm	178 x 46 x 18mm	168 x 58 x 28mm	160 x 45 x 18mm

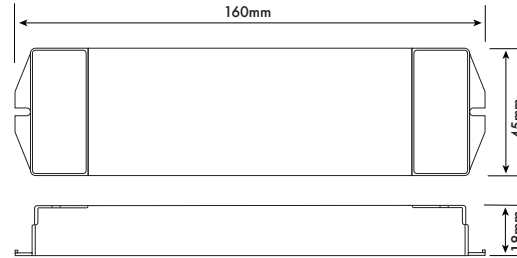


Mechanical Specification

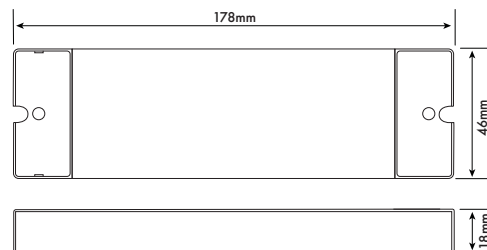
DAL1DIM1



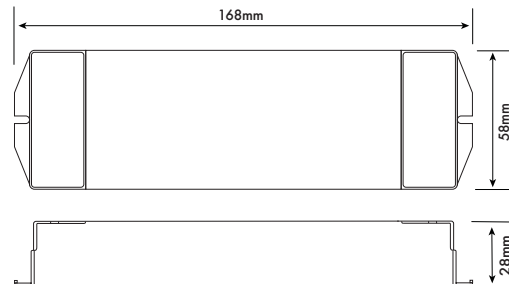
DAL1DIM4 & DAL1DIM1P



DAL1DIM1-8A



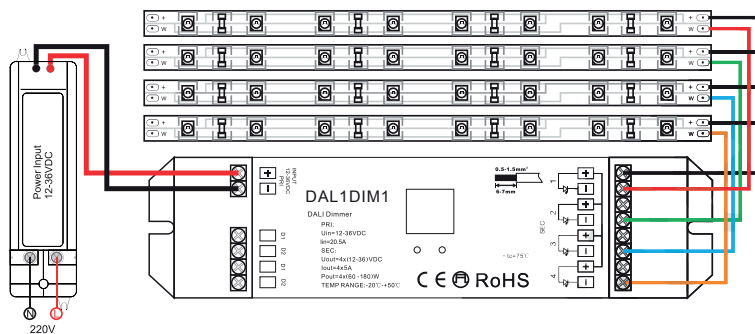
DAL1DIM4-8A



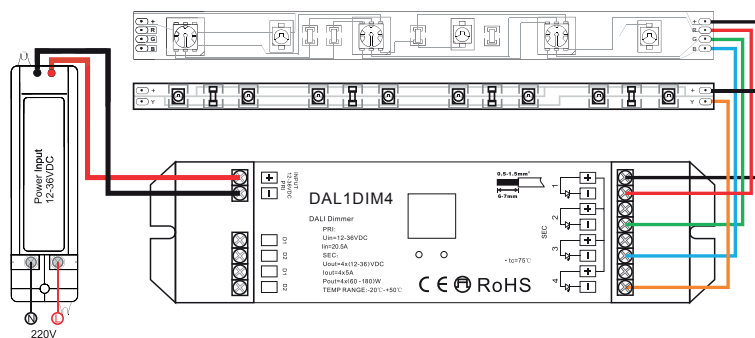
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DAL1DIM1 & DAL1DIM1-8A Typical Layout



DAL1DIM4 & DAL1DIM4-8A Typical Layout



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DAL1DIM1 & PRDIM Mechanical Diagram

