

# LED Converter C50/160 & C100/160

**hansen**

Type	C50/160
Operating mode:	constant current
Output current:	50 mA
Output voltage:	max. 160 V
Output power (max.):	8 W
Dimmable:	no
No. of LEDs (white, blue, green):	10 to 50 LEDs
No. of LEDs (red, yellow, orange):	15 to 75 LEDs
Input voltage:	180–260 V AC / 50–60 Hz
Input current (max.):	0.035 A
Power factor:	> 0.9
No-load power:	< 0.2 W
Efficiency:	> 85%
Protection class:	II
Degree of protection:	IP67
EMC emission:	EN 55015, EN 61000-3-2
EMC immunity:	EN 61547

#### Other data

Ambient temperature:	-25 °C to +60 °C
Housing:	Housing shell made of rigid PVC Fire protection class B1 Polyurethane potting compound
Dimensions (L x W x H):	152 x 14 x 11 mm
Weight:	60 g
Conformity:	CE, RoHS
Article number:	5 2530 046

Type	C100/160
Operating mode:	constant current
Output current:	100 mA
Output voltage:	max. 160 V
Output power (max.):	16 W
Dimmable:	no
No. of LEDs (white, blue, green):	10 to 50 LEDs
No. of LEDs (red, yellow, orange):	10 to 75 LEDs
Input voltage:	180–260 V AC / 50–60 Hz
Input current (max.):	0.070 A
Power factor:	> 0.9
No-load power:	< 0.2 W
Efficiency:	> 85%
Protection class:	II
Degree of protection:	IP67
EMC emission:	EN 55015, EN 61000-3-2
EMC immunity:	EN 61547

#### Other data

Ambient temperature:	-25 °C to +60 °C
Housing:	Housing shell made of rigid PVC Fire protection class B1 Polyurethane potting compound
Dimensions (L x W x H):	152 x 14 x 11 mm
Weight:	60 g
Conformity:	CE, RoHS
Article number:	5 1201 006

**Note:** Input and output are not galvanically isolated from each other!

The converters are short-circuit- and open-circuit-proof (no switch-off).

Dimensions:  
152 x 14 x 11 mm (L x W x H)



Input cable:  
H03VV-F, 2 x 0.75 mm<sup>2</sup>  
Length: 1,000 mm

Output cable:  
X03VV-F, 2 x 0.75 mm<sup>2</sup>  
Length: 1,000 mm

Core colours and polarity:  
Red: positive  
Black: negative

CE

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