

# ENSTO

**PRODUCT SPECIFICATION**

02/01/2020



6418677191831

Terminal block

KE61.2

Code	KE61.2
GTIN	6418677191831
Name	Terminal block Ensto Clampo Pro 1-pole, blue, Al 6-50 mm <sup>2</sup> , Cu 2.5-50 mm <sup>2</sup>
Description	Ensto Clampo Pro is a comprehensive universal terminal series for Al/Cu conductors of 2.5 – 240 mm <sup>2</sup> .
Vendor	Ensto Finland Oy



## Technical specification

### Others

ETIM Class: EC000897

### Material

Housing: Polyamide

### Colors

Color: Blue

### Certificates

Connector class: A  
 Standards: UL 1059, EN 61238-1, EN 60947-7-1  
 UL category: XCFR2  
 UL File no.: E192532, E192532

### US specific

Maximum voltage: 600 V

### Dimensions

Conductor cross-section: Cu 2,5-50 Al 6-50  
 Conductor size: 1/0-6  
 Dimensions l x w x h: 49 x 17.8 x 43  
 Net Weight: 0.03 kg  
 Weight: 0.03 kg

## Features

Mounting:	DIN rail
Number of poles:	1
Screw head:	Hexagon
Screw head size:	5 mm

## Temperatures

Operating temperature:	≤ 80 °C
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## Mechanical

Tightening torque:	4 Nm (2.5-4mm <sup>2</sup> ), 12 Nm (6-50mm <sup>2</sup> )
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## Electrical values

Nominal current:	Cu 160 A, Al 145 A
Nominal insulation voltage:	800 V
Pollution degree:	3

## ETIM 7

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### Etim

Colour:	Blue
Connectable conductor cross section fine-strand with cable end sleeve:	2.5 ... 35 mm <sup>2</sup>
Connectable conductor cross section fine-strand without cable end sleeve:	2.5 ... 35 mm <sup>2</sup>
Connectable conductor cross section multi-wired:	2.5 ... 50 mm <sup>2</sup>
Connection position:	Sideways
Explosion-tested version 'Ex e':	False
Height at lowest possible mounting height:	43 mm
Inflammability class of insulation material acc. with UL94:	V2
Length:	49 mm
Material insulation body:	Thermoplastic
Mounting method:	DIN rail (top hat rail) 35 mm
Number of clamp positions per level:	2
Number of levels:	1
Operation temperature:	-5 ... 80 °C
Rated current I <sub>n</sub> :	145 A
Rated voltage:	800 V
Type of electrical connection 1:	Screw connection
Type of electrical connection 2:	Screw connection
Width/grid dimension:	17.8 mm

## Packaging

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### Default package

<b>Unit:</b>	PCE
<b>Package size:</b>	30
<b>Depth:</b>	218 mm
<b>Width:</b>	218 mm
<b>Height:</b>	126 mm
<b>Weight:</b>	1.032 kg
<b>Volume:</b>	5.988024 l