

1SNK805743R0000 ✓ ACTIVE

ENTRELEC | ENTRELEC SNK

TE Internal #: 1SNK805743R0000

Modular Terminal Blocks, Feed-Through, Female Plug, Blue,  
Product Spacing .204 in [5.2 mm], 1 Position, Push-in, Signal,  
ENTRELEC SNK

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Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**

Modular Terminal Block Product Type: **Female Plug**

Rated Cross Section: **2.5 mm<sup>2</sup>**

Primary Product Color: **Blue**

## Features

### Product Type Features

|                                     |             |
|-------------------------------------|-------------|
| Modular Terminal Block Product Type | Female Plug |
|-------------------------------------|-------------|

### Configuration Features

|                     |                  |
|---------------------|------------------|
| Gauge Type          | A2 / 2.3 mm Dia. |
| Number of Levels    | 1                |
| Number of Poles     | 1                |
| Number of Circuits  | 1                |
| Block Function      | Feed-Through     |
| Number of Positions | 1                |

### Electrical Characteristics

|  |        |
|--|--------|
| Operating Voltage Rating (UL & CSA) (Max) - Main Circuit | 600 V  |
| Impulse Withstanding Voltage Rating (IEC)                | 8000 V |
| Voltage Rating (CSA)                                     | 600 V  |
| Current Rating (CSA)                                     | 22 A   |
| Dielectric Test Voltage                                  | 2200 V |
| Short-Time Withstanding Current Rating @ 1s              | 300 A  |

|                      |          |
|----------------------|----------|
| Voltage Rating (IEC) | 1000 V   |
| Current Rating (UL)  | 22 A     |
| Current Rating (IEC) | 24 A     |
| Voltage Rating       | 1000 VAC |

### Body Features

|                       |                  |
|-----------------------|------------------|
| Product Weight        | 2.88 g [.101 oz] |
| Primary Product Color | Blue             |

### Termination Features

|                                    |         |
|------------------------------------|---------|
| Termination Method to Wire & Cable | Push-in |
|------------------------------------|---------|

### Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

### Housing Features

|                  |               |
|------------------|---------------|
| Housing Material | Polyamide 6.6 |
|------------------|---------------|

### Dimensions

|   |                           |
|---|---------------------------|
| Main Circuit Capacity - 1 Rigid Stranded Conductor per Spring Clamp | .2 – 4 mm <sup>2</sup>    |
| Wire Stripping Length   | 11 mm [.433 in]           |
| Main Circuit Capacity - 1 Non-Insulated Ferrule per Spring Clamp    | .22 – 2.5 mm <sup>2</sup> |
| Main Circuit Capacity - 1 Insulated Ferrule per Spring Clamp        | 26 – 14 AWG               |
| Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp       | .22 – 2.5 mm <sup>2</sup> |
| Tool Size   | 3.5 mm [.138 in]          |
| Product Depth   | 36.2 mm [1.41 in]         |
| Product Width   | 5.2 mm [.204 in]          |
| Product Length  | 36.2 mm [1.41 in]         |
| Product Height  | 19.1 mm                   |
| Rated Cross Section   | 2.5 mm <sup>2</sup>       |
| Product Spacing   | 5.2 mm [.204 in]          |
| Wire Size   | 2.5 mm <sup>2</sup>       |

### Usage Conditions

|                                |                             |
|--------------------------------|-----------------------------|
| Storage Temperature Range      | -55 – 110 °C [-67 – 230 °F] |
| Installation Temperature Range | -5 – 40 °C [23 – 104 °F]    |
| Operating Temperature Range    | -55 – 110 °C [-67 – 230 °F] |



### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Industry Standards

|                        |          |
|------------------------|----------|
| IP Rating              | IP20     |
| UL Flammability Rating | UL 94V-0 |

### Product Compliance

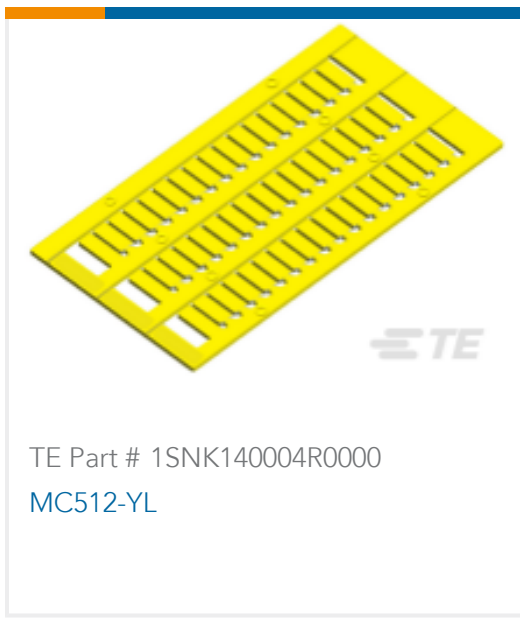
[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant   |
| EU ELV Directive 2000/53/EC                   | Compliant   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Not reviewed for solder process capability  |

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

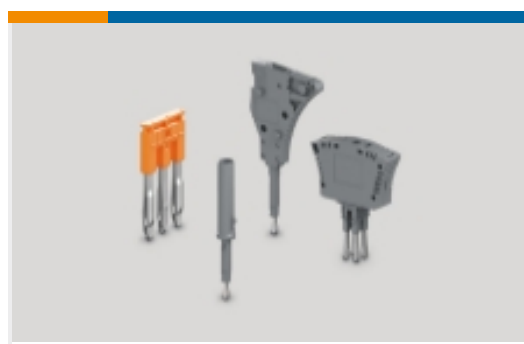
### Compatible Parts



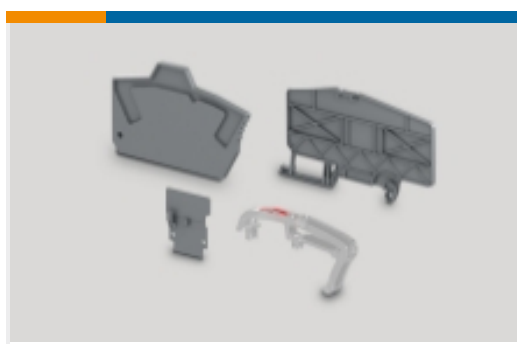
Also in the Series | **ENTRELEC SNK**



Modular Terminal Blocks(318)



Terminal Block & Strip Conducting Accessories(67)



Terminal Block & Strip Insulating Accessories(30)

## Customers Also Bought



TE Part #1SNK805025R0000  
ZDK2.5-11-BL



TE Part #1SNK805738R0000  
CDK2.5-J



TE Part #1SNK805741R0000  
CDK2.5-2P-J-E



TE Part #1SNK900660R0000  
PT-ZD



TE Part #1SNK805718R0000  
CDK2.5-4



TE Part #1SNK805740R0000  
CDK2.5-2P-J



TE Part #1SNK805742R0000  
CDK2.5-BL



TE Part #1SNK805746R0000  
CDK2.5-2P-J-BL



TE Part #1SNK805747R0000  
CDK2.5-2P-J-BL-E



TE Part #1SNK805749R0000  
CDK2.5-J-PE-E

## Documents

### CAD Files

3D PDF

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK805743R0000\\_A.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK805743R0000\\_A.3d\\_igs.zip](#)

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English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1SNK805743R0000\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[ENTRELEC Terminal Block - Master Catalog](#)

English

[SNK SERIES TERMINAL BLOCKS](#)

English

[Essential Entrelec Terminal Blocks](#)

French

[Essential Entrelec Terminal Blocks](#)

English

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### Agency Approvals

[Agency Approval Document](#)

English