# 1SNK505010R0000 - ACTIVE

## ENTRELEC | ENTRELEC SNK

TE Internal #: 1SNK505010R0000 Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, Gray, Product Spacing .205 in [5.2 mm], 2 Position, DIN Rail, ENTRELEC SNK

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#### Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: Feed-Through

Modular Terminal Block Product Type: Screw Clamp Terminal Block

Rated Cross Section: 4 mm<sup>2</sup>

Primary Product Color: Gray

## Features

## **Product Type Features**



Modular Terminal Block Product Type	Screw Clamp Terminal Block
Configuration Features	
Gauge Type	A3-B3
Number of Levels	1
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	2
Electrical Characteristics	
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (CSA)	20 A
Power Loss	1 VV
Short-Time Withstanding Current Rating @ 1s	480 A
Voltage Rating (IEC)	1000 V
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Voltage Rating (CSA)	600 V

**&** For support call+1 800 522 6752

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, Gray, Product Spacing .205 in [5.2 mm], 2 Position, DIN Rail, ENTRELEC SNK



Product Weight8.8 g[.346 oz]Primary Product ColorGrayMathematic ColorGrayMathematic ColorH35 15, TH35 7, 5Connector Mounting TypeDIN RailConnector Mounting TypeDIN RailHousing MaterialPolyamideHousing MaterialPolyamideMain Circuit Capacity Twin Ferrule per Screw Clamp24 - 16 AWGMain Circuit Capacity 1 Flexible Conductor per Screw Clamp24 - 14 AWGMain Circuit Capacity 1 Flexible Conductor per Screw Clamp29 - 4 mm²Main Circuit Capacity 1 Flexible Conductor per Screw Clamp29 - 4 mm²Main Circuit Capacity 2 Hexible Conductors per Screw Clamp29 - 4 mm²Main Circuit Capacity 1 Non-Insulated Ferrule per Screw Clamp29 - 4 mm²Main Circuit Capacity 2 Hexible Conductors per Screw Clamp29 - 4 mm²Main Circuit Capacity 2 Hexible Conductors per Screw Clamp29 - 4 mm²Main Circuit Capacity 2 Hexible Conductors per Screw Clamp29 - 4 mm²Main Circuit Capacity 2 Hexible Conductors per Screw Clamp29 - 4 mm²Main Circuit Capacity 2 Hexible Conductors per Screw20 - 1.5 mm²Main Circuit Capacity 2 Hexible Conductors per Screw20 - 1.5 mm²Main Circuit Capacity 2 Hexible Conductors per Screw30 - mm.[138 in]Main Circuit Capacity 2 Hexible Conductors per Screw30 - mm.[138 in]Product Depth0.5 mm.[138 in]Product Length37 mmProduct Length37 mmProduct Length20 - 10 - m²Product Height32 mm?Storage Temperature Range		
Current Raing (IEQ)22 ABody Features8.8 g[346 oz]Product Weight8.8 g[346 oz]Prinary Product ColorGrayMathematical Attachment1135-15, T135-75DIN Rail Mounting TypeDIN RailConnector Mounting TypePolyamideHousing MaterialPolyamideProduct Colors4-16 AWGMain Circuit Capacity 1 Win Ferrule per Serew Clamp4-16 AWGMain Circuit Capacity 1 Houble Conductor per Serew Clamp24-14 AWGMain Circuit Capacity 1 Houble Conductors per Serew Clamp24-14 AWGMain Circuit Capacity 1 Houble Conductors per Serew Clamp24-14 AWGMain Circuit Capacity 2 Heuble Conductors per Serew Clamp24-14 AWGMain Circuit Capacity 2 Heuble Conductors per Serew Clamp2-1.5 mm²Main Circuit Capacity 2 Heuble Conductors per Serew Clamp2-1.5 mm²Main Circuit Capacity 2 Heuble Conductors per Serew Clamp2-1.5 mm²Main Circuit Capacity 2 Heuble Conductors per Serew2-1.5 mm²Main Circuit Capacity 2 Heuble Conductors per Serew2-1.5 mm²Main Circuit Capacity 2 Heuble Conductors per Serew3.5 mm[138 in]Main Circuit Capacity 2 Heuble Conductors per Serew3.5 mm[138 in]Main Circuit Capacity 2 Heuble Conductors per Serew3.5 mm[138 in]Main Circuit Capacity 2 Heuble Conductors per Serew3.5 mm[138 in]Main Circuit Capacity 2 Heuble Conductors per Serew3.5 mm[138 in]Main Circuit Capacity 2 Heuble Conductors per Serew3.5 mm[138 in]Main Circuit Capacity 2 Heuble Conductors per Serew3.5 mm[138 in] </td <td>Dielectric Test Voltage</td> <td>2200 V</td>	Dielectric Test Voltage	2200 V
Body Features     Product Weight   88 gl.346 oz]     Primary Product Color   Gray     Mechanical Attachment   Fill     DIN Rail Mounting Type   TH35-15, TH35-75.5     Connector Mounting Type   DIN Rail     Housing Features   Fill     Housing Material   Polyamide     Dimensions   24–16 AWG     Main Circuit Capacity - Twin Ferrule per Screw Clamp   24–16 AWG     Main Circuit Capacity - Twin Ferrule per Screw Clamp   24–16 AWG     Main Circuit Capacity - Twin Ferrule per Screw Clamp   24–16 AWG     Main Circuit Capacity - Twin Ferrule per Screw Clamp   24–16 AWG     Main Circuit Capacity - Twin Ferrule per Screw Clamp   24–16 AWG     Main Circuit Capacity - Twin Ferrule per Screw Clamp   24–16 AWG     Main Circuit Capacity - Twin Ferrule per Screw Clamp   24–16 AWG     Main Circuit Capacity - Twin Ferrule per Screw Clamp   24–16 AWG     Main Circuit Capacity - Twin Ferrule per Screw Clamp   24–16 AWG     Main Circuit Capacity - Twin Ferrule per Screw Clamp   21–15 mm²     Main Circuit Capacity - Twin Ferrule per Screw Clamp   21–15 mm²     Tool Scc   35 mm[138 in]	Current Rating (UL)	20 A
Product Weight8.8 g[.346 oz]Primary Product ColorGrayMathematic ColorGrayMathematic ColorH35 15, TH35 7, 5Connector Mounting TypeDIN RailConnector Mounting TypeDIN RailHousing MaterialPolyamideHousing MaterialPolyamideMain Circuit Capacity Twin Ferrule per Screw Clamp24 - 16 AWGMain Circuit Capacity 1 Flexible Conductor per Screw Clamp24 - 14 AWGMain Circuit Capacity 1 Flexible Conductor per Screw Clamp29 - 4 mm²Main Circuit Capacity 1 Flexible Conductor per Screw Clamp29 - 4 mm²Main Circuit Capacity 2 Hexible Conductors per Screw Clamp29 - 4 mm²Main Circuit Capacity 1 Non-Insulated Ferrule per Screw Clamp29 - 4 mm²Main Circuit Capacity 2 Hexible Conductors per Screw Clamp29 - 4 mm²Main Circuit Capacity 2 Hexible Conductors per Screw Clamp29 - 4 mm²Main Circuit Capacity 2 Hexible Conductors per Screw Clamp29 - 4 mm²Main Circuit Capacity 2 Hexible Conductors per Screw Clamp29 - 4 mm²Main Circuit Capacity 2 Hexible Conductors per Screw20 - 1.5 mm²Main Circuit Capacity 2 Hexible Conductors per Screw20 - 1.5 mm²Main Circuit Capacity 2 Hexible Conductors per Screw30 - mm.[138 in]Main Circuit Capacity 2 Hexible Conductors per Screw30 - mm.[138 in]Product Depth0.5 mm.[138 in]Product Length37 mmProduct Length37 mmProduct Length20 - 10 - m²Product Height32 mm?Storage Temperature Range	Current Rating (IEC)	32 A
Primary Product Color   Gray     Phimary Product Color   Gray     Mechanical Attachment   TH35 15, TH35 7.5     Pin Rail Mounting Type   DIN Rail     Connector Mounting Type   DIN Rail     Housing Features   DIN Rail     Housing Material   Polyantide     Dimensions   24 - 16 AWG     Main Circuit Capacity Twin Ferrule per Screw Clamp   24 - 14 AWG     Main Circuit Capacity - 1 Hexible Conductor per Screw Clamp   24 - 14 AWG     Main Circuit Capacity - 1 Hexible Conductor per Screw Clamp   24 - 14 AWG     Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp   24 - 14 AWG     Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp   24 - 14 AWG     Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp   24 - 14 AWG     Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp   24 - 14 AWG     Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp   24 - 14 AWG     Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp   24 - 14 AWG     Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp   24 - 14 Screw     Main Circuit Capacity - 2 Flexible Conductors per Screw   35 rum (-138 in]	Body Features	
Machanical AttachmentFin Rail Mounting TypeH35-15, TH35-2.5Connector Mounting TypeDIN RailHousing FeaturesDinationHousing MaterialPolyamideMain Circuit Capacity - Twin Ferrule per Screw Clamp4 - 16 AWGMain Circuit Capacity - 1 Flexible Conductor per Screw Clamp4 - 16 AWGMain Circuit Capacity - 1 Flexible Conductor per Screw Clamp2 - 2 - 4 ma²Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp2 - 2 - 4 ma²Main Circuit Capacity - 1 Flexible Conductors per Screw Clamp2 - 1.5 ma²Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp2 - 1.5 ma²Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp2 - 1.5 ma²Main Circuit Capacity - 2 Flexible Conductors per Screw3 - 1.5 ma²Main Circuit Capacity - 2 Flexible Conductors per Screw2 - 1.5 ma²Main Circuit Capacity - 2 Flexible Conductors per Screw2 - 1.5 ma²Main Circuit Capacity - 2 Flexible Conductors per Screw3 - 5 ma²Main Circuit Capacity - 2 Flexible Conductors per Screw2 - 1.5 ma²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw3 - 5 ma²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw3 - 5 ma²Product Depth4.3 mmProduct Length3 - 10 ma²Product Length3 - 10 ma²Product Length5 - 10 ma²Product Spacing5 - 10 ma²Product Spacing5 - 10 ma²Product Spacing5 - 10 ma²Product Spacing5 - 10 ma²Product Spacing <td>Product Weight</td> <td>8.8 g[.346 oz]</td>	Product Weight	8.8 g[.346 oz]
DIN Rail Mounting TypeTH35-15, TH35-7.5DIN RailDIN RailHousing FeaturesDIN RailHousing MaterialPolyamideDinnersions4 16 AWGMain Circuit Capacity - 11 Fixible Conductor per Screw Clamp4 - 12 AWGMain Circuit Capacity - 11 Fixible Conductors per Screw Clamp4 - 14 AWGMain Circuit Capacity - 11 Fixible Conductors per Screw Clamp22 - 4 mm²Main Circuit Capacity - 11 Fixible Conductors per Screw Clamp24 - 12 AWGMain Circuit Capacity - 11 Fixible Conductors per Screw Clamp24 - 12 AWGMain Circuit Capacity - 11 Fixible Conductors per Screw Clamp24 - 12 AWGMain Circuit Capacity - 11 Fixible Conductors per Screw Clamp24 - 12 AWGMain Circuit Capacity - 11 Rigid Stranded Conductors per Screw Clamp21 - 15 mm²Main Circuit Capacity - 1 Rigid Stranded Conductors per Screw21 - 15 mm²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw21 - 15 mm²Yire Stripping Length10.5 mm[413 in]Product Depth4.7 a mm²Product Length33 mm²Product Length31 mm²Product Spacing52 mm²Product Spacing52 mm²Storage Temperature Range55 - 110 °C[-67 - 230 °F]Installation Temperature Range55 - 40 °C[23 - 104 °F]Installation Temperature Range55 - 40 °C[23 - 104 °F]	Primary Product Color	Gray
Connector Mounting Type DIN Rail   Housing Material Polyamide   Housing Material Polyamide   Dimensions 24–16 AWG   Main Circuit Capacity - Twin Ferrule per Screw Clamp 24–12 AWG   Main Circuit Capacity - 1 Hexible Conductor per Screw Clamp 24–14 AWG   Main Circuit Capacity - 1 Hexible Conductors per Screw Clamp 24–14 AWG   Main Circuit Capacity - 1 Hexible Conductors per Screw Clamp 24–14 AWG   Main Circuit Capacity - 1 Hexible Conductors per Screw Clamp 24–15 mm²   Main Circuit Capacity - 2 Hexible Conductors per Screw Clamp 24–15 mm²   Main Circuit Capacity - 2 Hexible Conductors per Screw Clamp 24–15 MWG   Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp 24–15 MWG   Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp 24–15 MWG   Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw 35 mm (138 in)   Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw 35 mm (138 in)   Product Depth 4.13 mm   Product Depth 35 mm (138 in)   Product Length 53 mm (138 in)   Rated Cross Section 4.11 mm²   Product Spacing 5.10 m² (24–7 a.0 m²)	Mechanical Attachment	
Housing Feetures     Housing Material   Polyamide     Dimensions   24–16 AWG     Main Circuit Capacity - Twin Ferrule per Screw Clamp   24–12 AWG     Main Circuit Capacity - Thexible Conductor per Screw Clamp   24–14 AWG     Main Circuit Capacity - Thexible Conductors per Screw Clamp   24–14 AWG     Main Circuit Capacity - Thexible Conductors per Screw Clamp   24–14 AWG     Main Circuit Capacity - Thexible Conductors per Screw Clamp   2–15 mm²     Main Circuit Capacity - Texible Conductors per Screw Clamp   2–15 mm²     Main Circuit Capacity - Rigid Stranded Conductor per Screw Clamp   2–15 mm²     Main Circuit Capacity - Rigid Stranded Conductors per Screw Clamp   2–15 mm²     Main Circuit Capacity - Rigid Stranded Conductors per Screw   3.5 mm[.413 in]     Main Circuit Capacity - Rigid Stranded Conductors per Screw   3.5 mm²     Clamp   4.15 Mm²     Product Depth   4.15 Mm²     Product Depth   5.3 mm²     Product Reight   Samm²     Reced Cross Section   4.110     Product Spacing   S-110 °C[67–230 °F]     Product Spacing   S-110 °C[67–230 °F]     Strange Temperature Range	DIN Rail Mounting Type	TH35-15, TH35-7.5
Housing MaterialPolyamideHousing MaterialPolyamideDimensions24 – 16 AWGMain Circuit Capacity - Twin Ferrule per Screw Clamp24 – 12 AWGMain Circuit Capacity - 1 Insulated Ferrule per Screw Clamp24 – 14 AWGMain Circuit Capacity - 1 Insulated Ferrule per Screw Clamp22 – 4 mm²Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp22 – 4 mm²Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp2 – 15 mm²Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp2 – 10 Sm²Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp2 – 10 Sm²Vire Stripping Length10.5 mm[/13 in]Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw3.5 mm[/13 in]Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw3.5 mm[/13 in]Product Depth3.5 mm[/13 in]Product Depth47.3 mmProduct Depth5.7 mm²Product Length5.7 mm²Product Spacing5.2 mm[/205 in]Product Spacing5.2 mm[/205 in]Product Spacing5.2 mm[/205 in]Storage Temperature Range-5.4 m²(23 – 101 °E]Installation Temperature Range5.4 m²(23 – 101 °E]Operating Lengerature Range5.4 m²(23 – 101 °E]Product Insperature Range-5.4 m²(23 – 101 °E]Product Spacing5.5 mm²(23 – 101 °E]Product Spacing Temperature Range5.5 mm²(23 – 101 °E]Product Spacing Temperature Range5.5 mm²(23 – 101 °E]	Connector Mounting Type	DIN Rail
Dimensions   Main Circuit Capacity - Twin Ferrule per Screw Clamp 24 – 16 AWG   Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp 24 – 12 AWG   Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp 22 – 4 mm²   Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp 24 – 12 AWG   Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp 2 – 1 mm²   Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp 2 – 12 AWG   Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp 2 – 12 AWG   Wire Stripping Length 10.5 mm/.413 in]   Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw 3.5 mm²   Yure Stripping Length 3.5 mm?   Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw 3.5 mm²   Yure Stripping Length 3.5 mm²   Product Depth 7.3 mm²   Product Depth 47.3 mm²   Rated Cross Section 4 mm²   Rated Cross Section 52 mm²   Storage Temperature Range 55 – 110 °C[-67 – 230 °F]   Installation Temperature Range 55 – 110 °C[-67 – 230 °F]   Operating Temperature Range 55 – 110 °C[-67 – 230 °F]	Housing Features	
Name Groute Capacity - Twin Ferrule per Screw Clamp24 – 16 AWGMain Circuit Capacity - 1 Flexible Conductor per Screw Clamp24 – 12 AWGMain Circuit Capacity - 1 Insulated Ferrule per Screw Clamp22 – 4 mm²Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp.2 – 1.5 mm²Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp.2 – 1.5 mm²Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp.2 – 1.5 mm²Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp.2 – 1.5 mm²Main Circuit Capacity - 2 Flexible Conductors per Screw.2 – 1.5 mm²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 – 1.5 mm²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 – 1.5 mm²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 – 1.5 mm²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 – 1.5 mm²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 – 1.5 mm²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 – 1.5 mm²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 – 1.5 mm²Product Depth.3 mm²Product Length.3 smm²Product Length.3 smm²Rated Cross Section4 mm²Verege Conditions.5 – 110 °C[-67 – 230 °F]Usege Conditions.5 – 110 °C[-67 – 230 °F]Installation Temperature Range.5 – 40 °C[23 – 104 °F]Operating Temperature Range.5 – 40 °C[23 – 104 °F]Operating Temperature Range.5 – 100 °C[-67 – 230 °F]	Housing Material	Polyamide
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp24 – 12 AWGMain Circuit Capacity - 1 Insulated Ferrule per Screw Clamp22 – 4 mm²Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp.2 – 1.5 mm²Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp.2 – 1.5 mm²Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw.2 – 1.5 mm²Wire Stripping Length.0.5 mm[.413 in]Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 – 1.5 mm²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 – 1.5 mm²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 – 1.5 mm²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 – 1.5 mm²Product Depth.3.5 mm[.138 in]Product Depth.4.7.3 mmProduct Length.3.5 mm[.138 in]Product Height.5.1 mm²Rated Cross Section.4 mm²Product Spacing.5.2 mm[.205 in]Wares Screw.5.5 - 110 °C[.67 - 230 °F]Installation Temperature Range.540 °C[23 - 104 °F]Installation Temperature Range.5410 °C[.67 - 230 °F]	Dimensions	
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp24 – 14 AWGMain Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp.22 – 4 mm²Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp.2 – 1.5 mm²Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw.24 – 12 AWGClamp.0.5 mm[.413 in]Wire Stripping Length.0.5 mm[.413 in]Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 – 1.5 mm²Clamp.2 – 1.5 mm²Tool Size.3.5 mm[.138 in]Product Depth.47.3 mmProduct Length.47.3 mm[.186 in]Product Length.5 mm²Product Spacing.2 mm[.205 in]Rated Cross Section.2 mm²Storage Temperature Range.5 – 110 °C[.67 – 230 °F]Installation Temperature Range.5 – 110 °C[.67 – 230 °F]Operating Temperature Range.5 – 110 °C[.67 – 230 °F]	Main Circuit Capacity - Twin Ferrule per Screw Clamp	24 – 16 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp.22 - 4 mm²Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp.2 - 1.5 mm²Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw.24 - 12 AWGWire Stripping Length.0.5 mm[.413 in]Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 - 1.5 mm²Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw.2 - 1.5 mm²Tool Size.2 - 1.5 mm²Product Depth.3 5 mm[.138 in]Product Depth.3 mm²Product Length.3 mm²Product Length.3 mm²Product Spacing.2 - 1.0 mm²Product Spacing.2 - 1.0 mm²Strage Conditions.2 - 1.0 mm²Installation Temperature Range.5 - 110 °C[.67 - 230 °F]Installation Temperature Range.5 - 110 °C[.67 - 230 °F]Operating Temperature Range.5 - 110 °C[.67 - 230 °F]	Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 12 AWG
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp.2 – 1.5 mm²Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp.2 – 1.2 AWGWire Stripping Length10.5 mm[.413 in]Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp.2 – 1.5 mm²Tool Size.2 – 1.5 mm²Product Depth.2 – 1.5 mm²Product Length.3.5 mm[.138 in]Product Length.47.3 mm[.186 in]Product Height.53 mmRated Cross Section.5.2 mm[.205 in]Varge Conditions.5.2 mm[.205 in]Storage Temperature Range.5.5 – 110 °C[-67 – 230 °F]Installation Temperature Range.5.5 – 110 °C[-67 – 230 °F]	Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	24 – 14 AWG
Name Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp24 - 12 AWGWire Stripping Length10.5 mm[.413 in]Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp.2 - 1.5 mm²Tool Size3.5 mm[.138 in]Tool Size3.5 mm[.138 in]Product Depth47.3 mmProduct Length3.5 mm[.186 in]Product HeightS3 mmRated Cross Section4 mm²Product Spacing5.2 nm[.205 in]Storage Temperature Range-55 - 110 °C[-67 - 230 °F]Installation Temperature Range-55 - 110 °C[-67 - 230 °F]Operating Temperature Range-55 - 110 °C[-67 - 230 °F]	Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.22 – 4 mm <sup>2</sup>
ClampWire Stripping Length10.5 mm[.413 in]Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp2 - 1.5 mm²Tool Size3.5 mm[.138 in]Tool Size3.5 mm[.138 in]Product Depth47.3 mmProduct Depth53 mm[.186 in]Product Length53 mmRated Cross Section4 mm²Product Spacing5.2 mm[.205 in]Storage Temperature Range-55 - 110 °C[.67 - 230 °F]Installation Temperature Range-55 - 100 °C[.67 - 230 °F]Operating Temperature Range-55 - 100 °C[.67 - 230 °F]	Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.2 – 1.5 mm <sup>2</sup>
Nain Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp.2 - 1.5 mm²Tool Size.3.5 mm[.138 in]Tool Size.3.5 mm[.138 in]Product Depth47.3 mmProduct Length47.3 mm[1.86 in]Product Height.3 mm[1.86 in]Rated Cross Section4 mm²Product Spacing.2.2 mm[.205 in]Storage Temperature Range.55 - 110 °C[-67 - 230 °F]Installation Temperature Range.55 - 110 °C[-67 - 230 °F]Operating Temperature Range.55 - 110 °C[-67 - 230 °F]		24 – 12 AWG
ClampTool Size3.5 mm[.138 in]Product Depth47.3 mmProduct Length47.3 mm[.186 in]Product Height53 mmRated Cross Section4 mm²Product Spacing5.2 mm[.205 in]Usage ConditionsStorage Temperature Range-55 – 110 °C[-67 – 230 °F]Installation Temperature Range-55 – 110 °C[-67 – 230 °F]	Wire Stripping Length	10.5 mm[.413 in]
Product Depth47.3 mmProduct Length47.3 mm[1.86 in]Product Height53 mmRated Cross Section4 mm²Product Spacing5.2 mm[.205 in]Usage ConditionsStorage Temperature Range-55 – 110 °C[-67 – 230 °F]Installation Temperature Range-55 – 110 °C[-67 – 230 °F]Operating Temperature Range-55 – 110 °C[-67 – 230 °F]		.2 – 1.5 mm²
Product Length47.3 mm[1.86 in]Product Height53 mmRated Cross Section4 mm²Product Spacing5.2 mm[.205 in]Usage Conditions-55 – 110 °C[-67 – 230 °F]Installation Temperature Range-55 – 100 °C[23 – 104 °F]Operating Temperature Range-55 – 110 °C[-67 – 230 °F]	Tool Size	3.5 mm[.138 in]
Product Height53 mmRated Cross Section4 mm²Product Spacing5.2 mm[.205 in]Usage Conditions-55 - 110 °C[-67 - 230 °F]Storage Temperature Range-55 - 110 °C[-67 - 230 °F]Installation Temperature Range-55 - 110 °C[-67 - 230 °F]Operating Temperature Range-55 - 110 °C[-67 - 230 °F]	Product Depth	47.3 mm
Rated Cross Section4 mm²Product Spacing5.2 mm[.205 in]Usage Conditions-55 – 110 °C[-67 – 230 °F]Storage Temperature Range-55 – 100 °C[23 – 104 °F]Installation Temperature Range-55 – 110 °C[-67 – 230 °F]Operating Temperature Range-55 – 110 °C[-67 – 230 °F]	Product Length	47.3 mm[1.86 in]
Product Spacing5.2 mm[.205 in]Usage Conditions-55 - 110 °C[-67 - 230 °F]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]	Product Height	53 mm
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]	Rated Cross Section	4 mm <sup>2</sup>
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]	Product Spacing	5.2 mm[.205 in]
Installation Temperature Range $-5 - 40 ^{\circ}\text{C}[23 - 104 ^{\circ}\text{F}]$ Operating Temperature Range $-55 - 110 ^{\circ}\text{C}[-67 - 230 ^{\circ}\text{F}]$	Usage Conditions	
Operating Temperature Range -55 – 110 °C[-67 – 230 °F]	Storage Temperature Range	-55 – 110 °C[-67 – 230 °F]
	Installation Temperature Range	-5 – 40 °C[23 – 104 °F]
Industry Standards	Operating Temperature Range	-55 – 110 °C[-67 – 230 °F]
	Industry Standards	

**C** For support call+1 800 522 6752

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, Gray, Product Spacing .205 in [5.2 mm], 2 Position, DIN Rail, ENTRELEC SNK



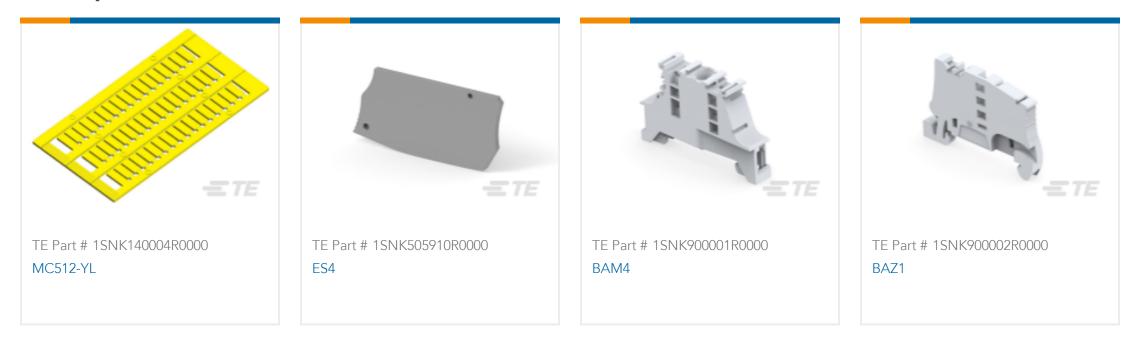
IP Rating	IP20
UL Flammability Rating	UL 94V-0
<b>Product Compliance</b> For compliance documentation, visit the product page on TE.com>	
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

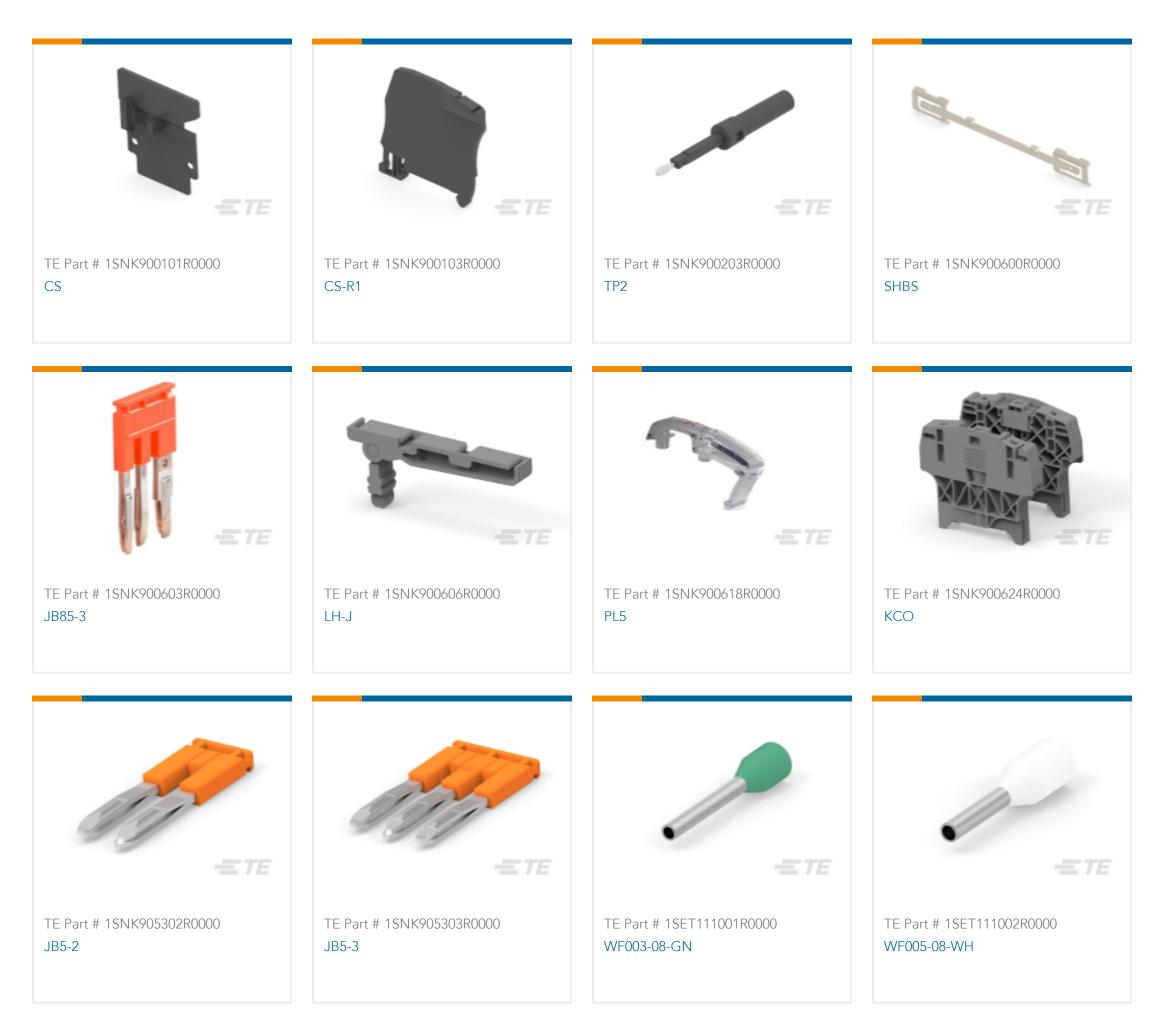
EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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**



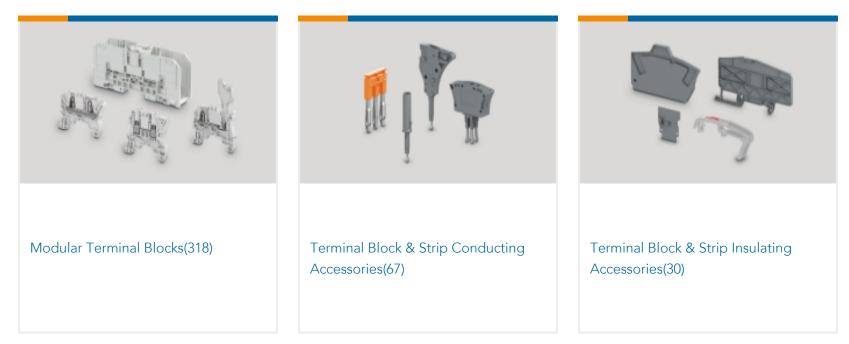
Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, Gray, Product Spacing .205 in [5.2 mm], 2 Position, DIN Rail, ENTRELEC SNK







# Also in the Series | ENTRELEC SNK

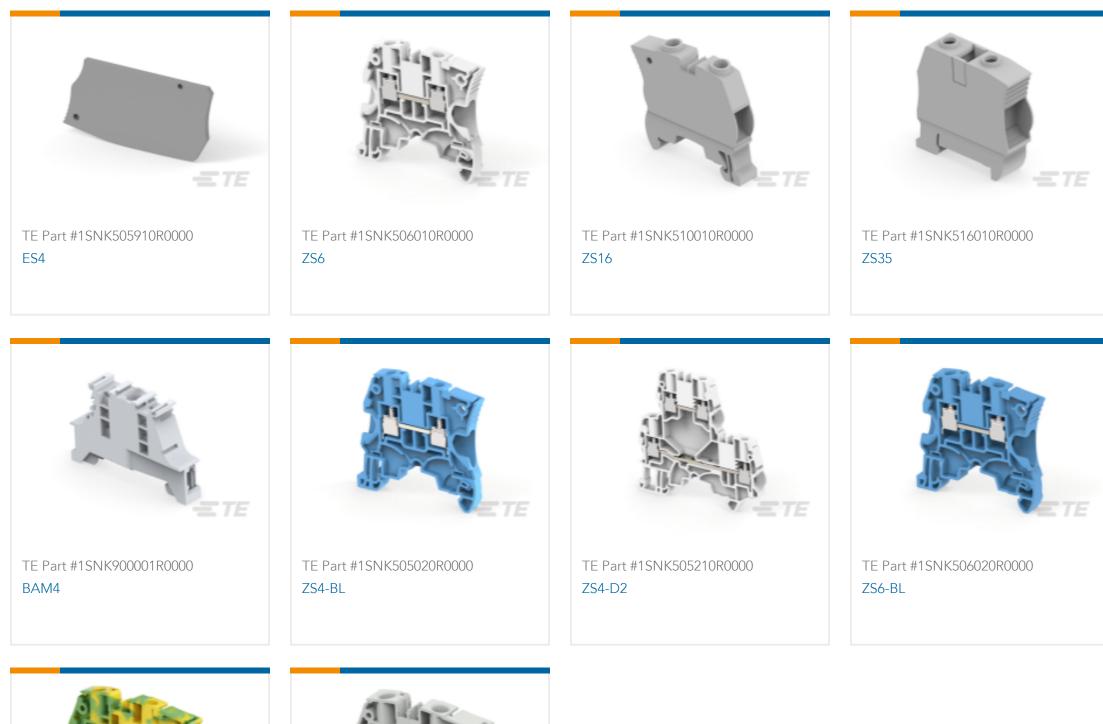


# Customers Also Bought

**S** For support call+1 800 522 6752

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, Gray, Product Spacing .205 in [5.2 mm], 2 Position, DIN Rail, ENTRELEC SNK







TE Part #1SNK506150R0000 **ZS6-PE** 



TE Part #1SNK508010R0000 ZS10

## Documents

CAD Files

3D PDF

3D

Customer View Model ENG\_CVM\_CVM\_1SNK505010R0000\_A.2d\_dxf.zip English Customer View Model

ENG\_CVM\_CVM\_1SNK505010R0000\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1SNK505010R0000\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages Datasheet - Ev-Charging Electrical

English

**ENTRELEC Terminal Block - Master Catalog** 

English

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Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, Gray, Product Spacing .205 in [5.2 mm], 2 Position, DIN Rail, ENTRELEC SNK



#### SNK SERIES TERMINAL BLOCKS

English

ENTRELEC Terminal Blocks Catalogue (RUS)

Essential Entrelec Terminal Blocks

French

**Essential Entrelec Terminal Blocks** 

English

Product Environmental Compliance

Product Compliance

English

**Product Compliance** 

English

Agency Approvals ZK-ZS\_ATEX\_1SND225112U1006-C-TE

English