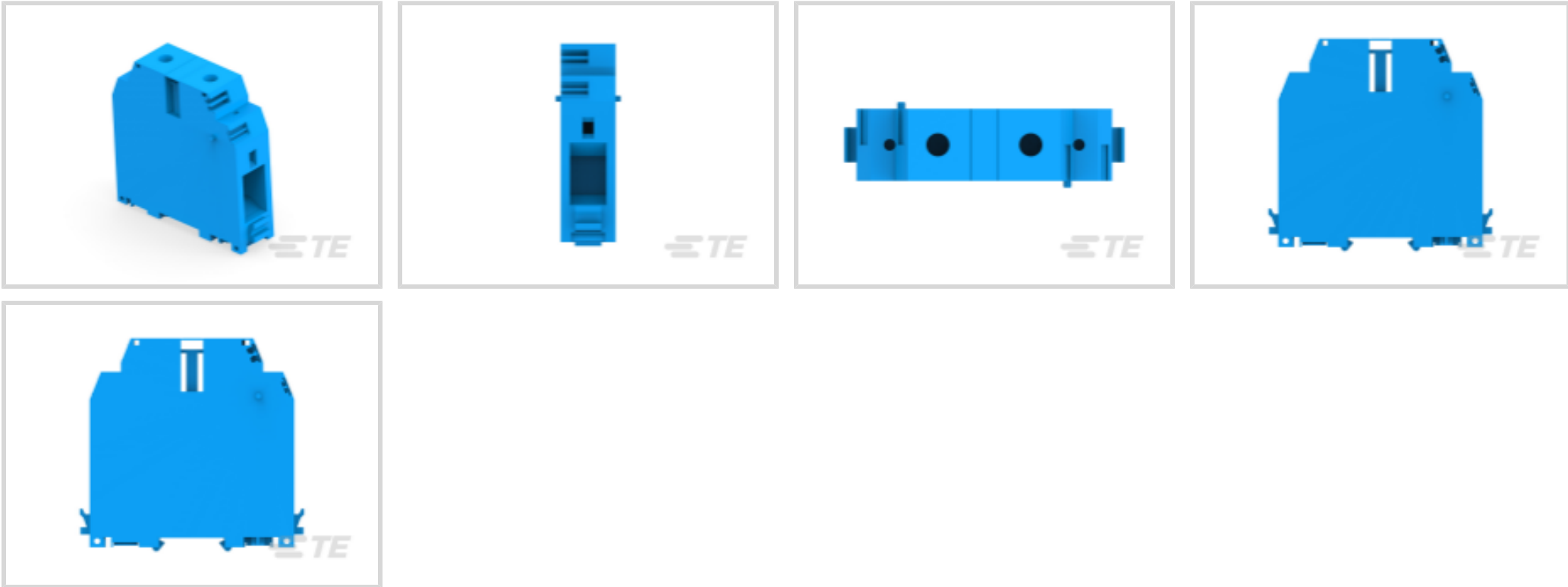




Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**

Modular Terminal Block Product Type: **Screw Clamp Terminal Block**

Primary Product Color: **Blue**

Wire Size: **350 kcmil**

Product Spacing: **31 mm [1.22 in]**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
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Configuration Features

Gauge Type	B14
Number of Levels	1
Number of Poles	1
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	2

Electrical Characteristics

Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	1000 V
Impulse Withstanding Voltage Rating (IEC)	12000 V
Voltage Rating (CSA)	1000 V
Current Rating (CSA)	310 A
Power Loss	9.9 W



Dielectric Withstanding Voltage (Max)	3820 V
Short-Time Withstanding Current Rating @ 1s	18000 A
Voltage Rating (IEC)	1000 V
Current Rating (UL)	310 A
Current Rating (IEC)	309 A

Body Features

Product Weight	318 g[12.52 oz]
Primary Product Color	Blue

Mechanical Attachment

DIN Rail Mounting Type	TH35-15, TH35-7.5
Tightening Torque	177 in-lbs
Connector Mounting Type	DIN Rail

Housing Features

Housing Material	Polyamide
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Dimensions

Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	35 - 185 mm ²
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	50 - 150 mm ²
Wire Stripping Length	40 mm[1.575 in]
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.5 - 10 mm ²
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	.5 - 16 mm ²
Tool Size	8 mm[.315 in]
Product Depth	107 mm
Product Height	119.4 mm
Wire Size	350 kcmil
Product Spacing	31 mm[1.22 in]

Usage Conditions

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

Industry Standards

UL Flammability Rating	UL 94V-0
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Product Compliance

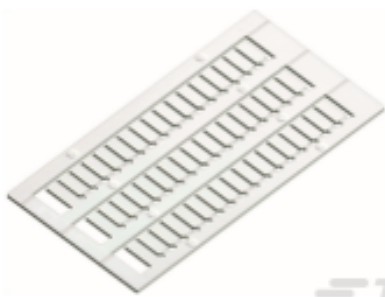
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not reviewed for solder process capability

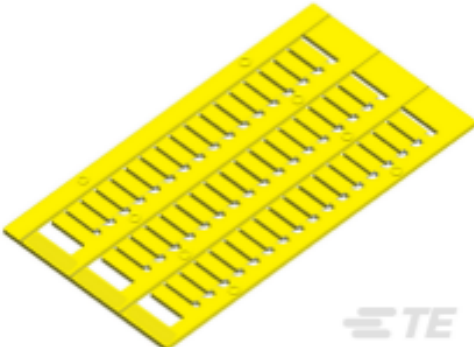
Product Compliance Disclaimer

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>

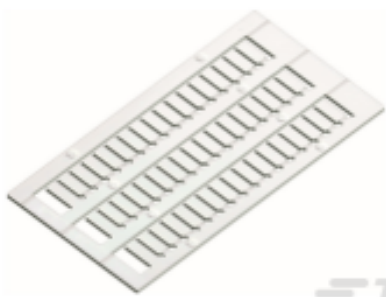
Compatible Parts



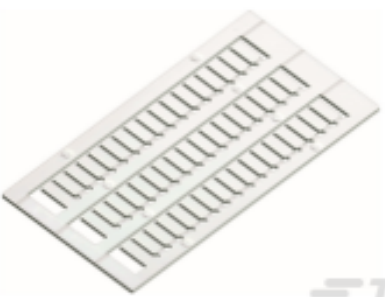
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MC512



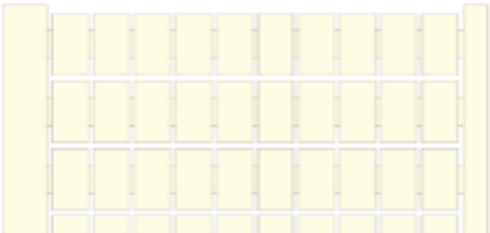
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MC512-YL



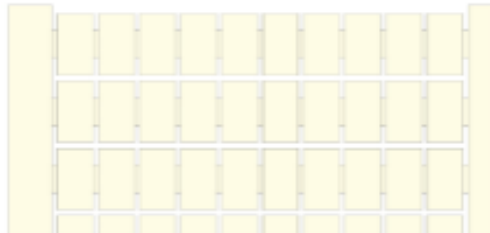
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MC612



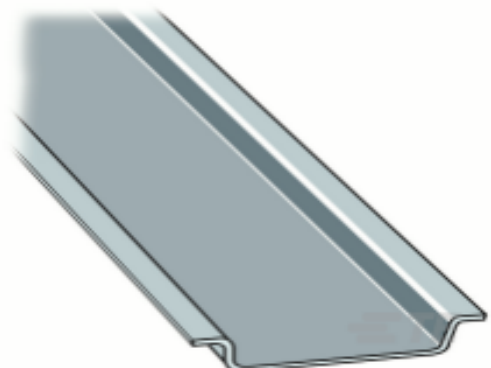
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MC812



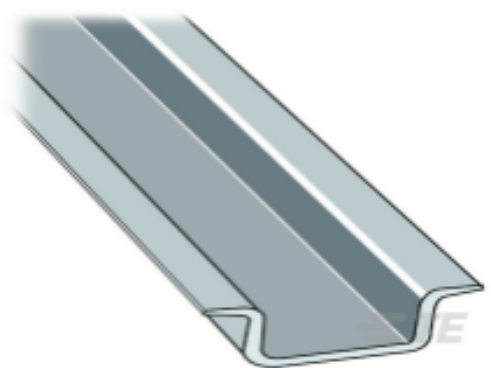
TE Part # 1SNA103775R0000
RC65-BL



TE Part # 1SNA103776R0100
RC65-RD

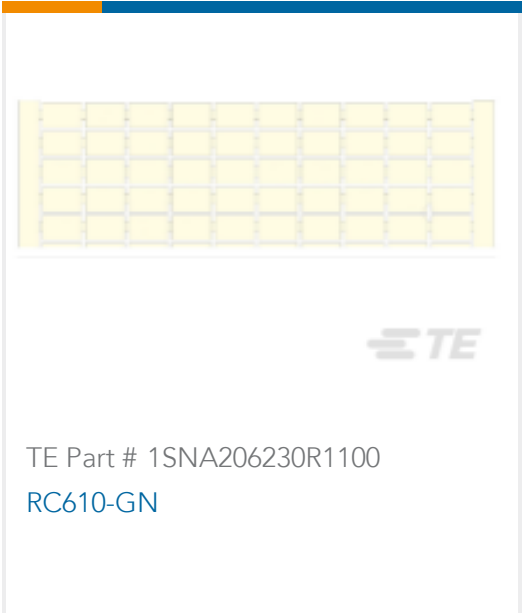
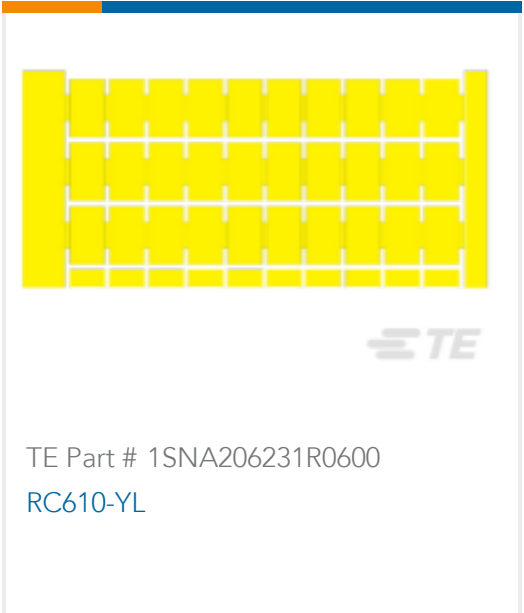
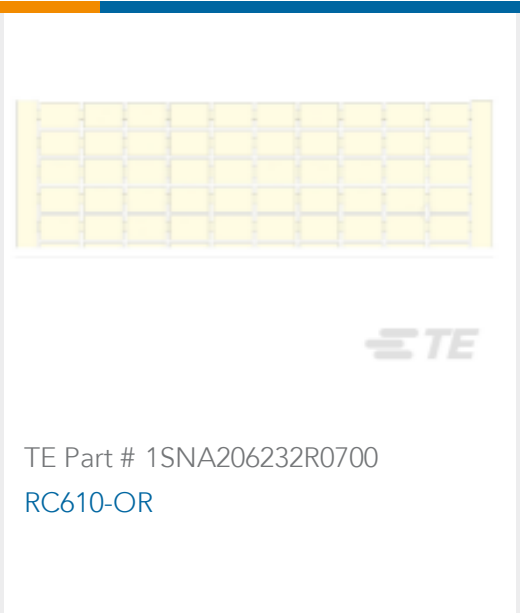
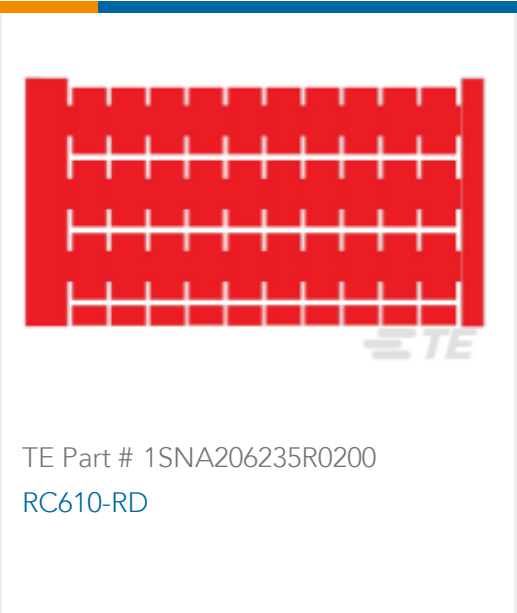
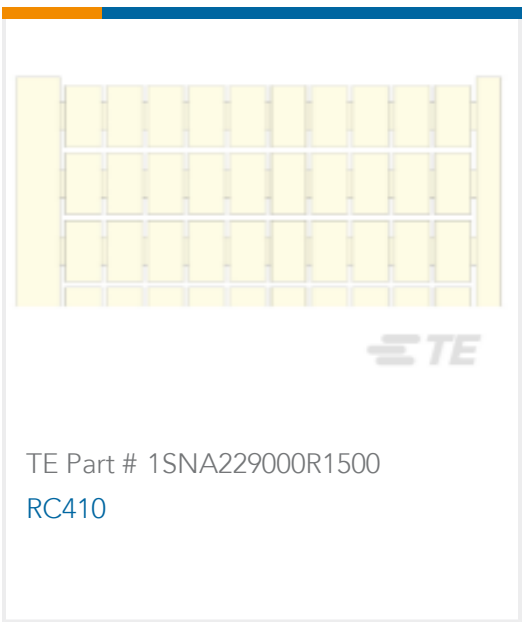
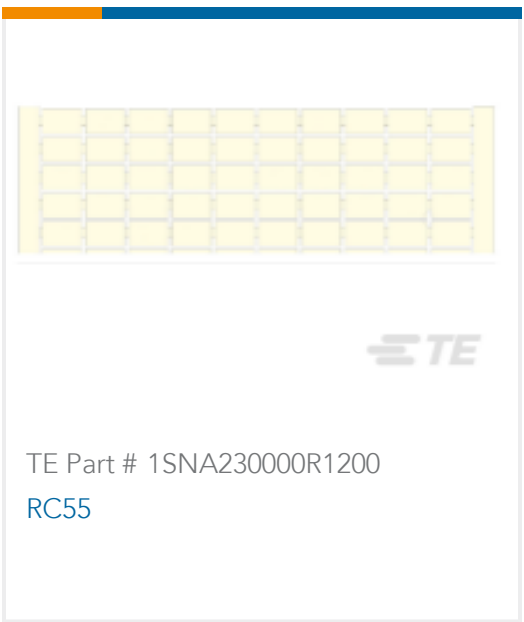
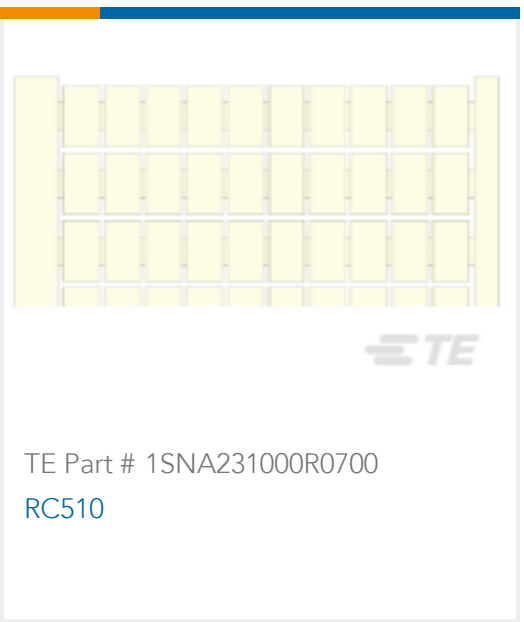
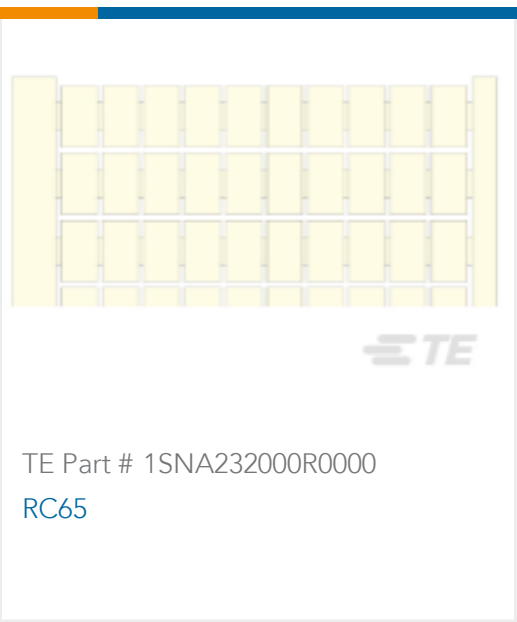


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PR3.G2

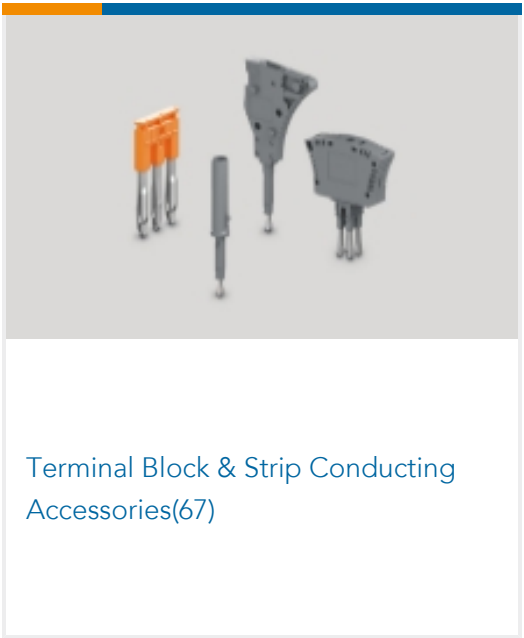


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PR4



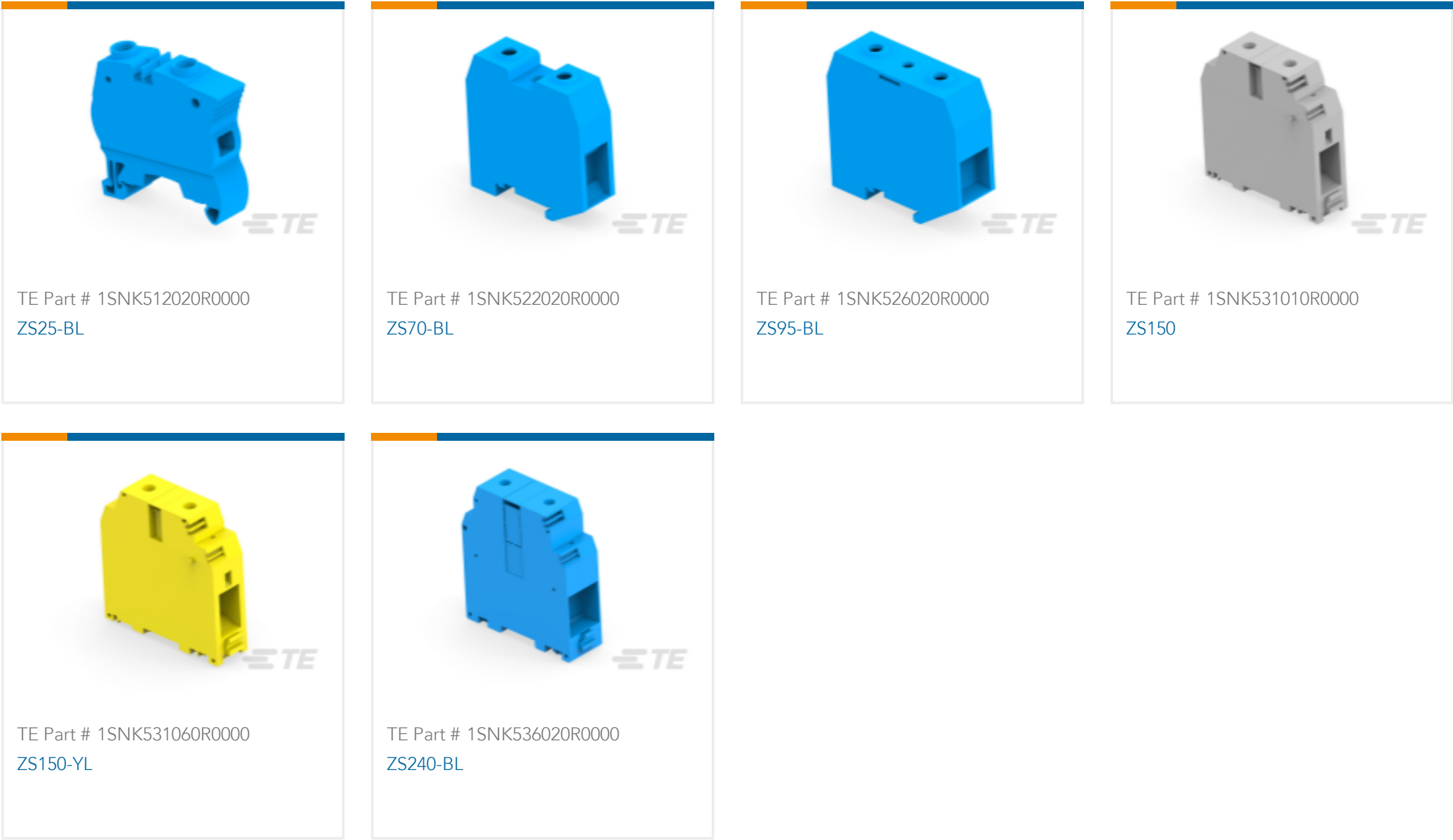
 TE Part # 1SNA168700R2200 PR5	 TE Part # 1SNA173220R0500 PR30	 TE Part # 1SNA174300R1700 PR3.ZZ	 TE Part # 1SNA178529R0400 PR50
 TE Part # 1SNA206230R1100 RC610-GN	 TE Part # 1SNA206231R0600 RC610-YL	 TE Part # 1SNA206232R0700 RC610-OR	 TE Part # 1SNA206235R0200 RC610-RD
 TE Part # 1SNA229000R1500 RC410	 TE Part # 1SNA230000R1200 RC55	 TE Part # 1SNA231000R0700 RC510	 TE Part # 1SNA232000R0000 RC65

Also in the Series | ENTRELEC SNK

 Modular Terminal Blocks(320)	 Terminal Block & Strip Conducting Accessories(67)	 Terminal Block & Strip Insulating Accessories(31)
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Customers Also Bought

 TE Part # 1-66101-9 III+ SKT,18-16,TIN ,LP	 TE Part # 1SNK536010R0000 ZS240	 TE Part # 1SNA190009R0000 D185/55.AF	 TE Part # 1SNA400306R1100 D70/22.N
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Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK531020R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK531020R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK531020R0000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

ENTRELEC Terminal Block - Master Catalog

ENTRELEC Terminal Block - Master Catalog

English

ZS150-BL

English

SNK SERIES TERMINAL BLOCKS

English

Agency Approvals

ZK-ZS_ATEX_1SND225112U1006-C-TE

English

1SNK531020R0000

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, Blue, Product
Spacing 1.22 in [31 mm], 2 Position, DIN Rail, ENTRELEC SNK

