

Products → Low Voltage Products and Systems → Connection Devices → Test Blocks → Voltage Sockets

General Information

Extended Product Type:	TC-DS-VL
Product ID:	1SNA166742R0500
EAN:	3472591667424
Catalog Description:	TC-DS-VL Voltage Sockets
Long Description:	Short-circuited contacts for measurement, calibration and distribution applications. Make before break principle: — The circuit is automatically shorted with the insertion of the plug. — The circuit closes automatically when the plug is removed. — This system guarantees a complete safety. — By convention grey coding is for voltage circuits and blue coding is for polarity circuits.

Ordering

Color:	Grey
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85369010

Popular Downloads

Data Sheet, Technical Information:	1SNC169001C0211
Instructions and Manuals:	1SNC169024D0201

Dimensions

Product Net Width:	44 mm
Product Net Height:	63 mm
Product Net Depth / Length:	40 mm
Product Net Weight:	100 g

Technical

Connection Type:	Screw clamp
Function:	Voltage transformers application
Connecting Capacity Main Circuit:	Screw Clamp / Flexible 1x 0.22 ... 4 mm ² Screw Clamp / Rigid 1x 0.2 ... 6 mm ²
Rated Current (I_n):	Main Circuit 8 A
Rated Short-time Withstand Current (I_{cw}):	for 1 s 800 A
Rated Voltage (U_r):	400 V
Rated Impulse Withstand Voltage (U_{imp}):	4000 V

Pollution Degree:	3
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
Insulation Material:	Polycarbonate
Mounting on DIN Rail:	G32 (32 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
Tightening Torque:	acc. IEC 60947-1 0.5 ... 0.8 N·m

Environmental

Ambient Air Temperature:	Operation -10 ... +55 °C Storage -25 ... +70 °C
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Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	1SND225003U1001
EAC Certificate:	1SND160001A1100
Environmental Information:	1SND220073E1000
Instructions and Manuals:	1SNC169024D0201

Classifications

Object Classification Code:	X
ETIM 4:	EC000902 - (Knife) disconnect terminal block
ETIM 5:	EC000902 - (Knife) disconnect terminal block
ETIM 6:	EC000902 - (Knife) disconnect terminal block

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	45 mm
Package Level 1 Depth / Length:	70 mm
Package Level 1 Height:	58 mm
Package Level 1 Gross Weight:	0.1 kg
Package Level 1 EAN:	3472591667424
Package Level 2 Units:	55 piece
Package Level 2 Width:	300 mm
Package Level 2 Depth / Length:	500 mm
Package Level 2 Height:	150 mm
Package Level 3 Units:	2640 piece
Product Packing Type:	Box