







Screw terminal block 2.5mm<sup>2</sup>,  
1-level, grey color, for TH15 rail

<b>Series</b>	RN – RP
<b>Code</b>	RN500GR
<b>Type</b>	RN.2/GR
<b>HS code</b>	85369010
<b>Colour</b>	grey
<b>TECHNICAL FEATURES</b>	
<b>Function/Type</b>	Feed-through
<b>Rated cross-section</b>	2.5 mm <sup>2</sup>
<b>Connecting capacity</b>	
<b>Flexible wire</b>	0.5-4 mm <sup>2</sup>
<b>Rigid wire</b>	0.2-4 mm <sup>2</sup>
<b>Wire with ferrule - ferrule type</b>	2.5 mm <sup>2</sup> – WP25/14
<b>Electrical characteristics according to IEC EN standard</b>	
<b>Maximum voltage AC/DC</b>	500 V
<b>Maximum current (rated cross-section)</b>	24 A
<b>Caliber</b>	A3
<b>Electrical characteristics according to UL Standard</b>	
<b>Maximum voltage AC/DC</b>	600 V
<b>Maximum current (rated cross-section)</b>	20 A
<b>Section (min-max)</b>	20-12 (AWG)
<b>Tightening torque value (UL)</b>	3.5 lb.in
<b>Electrical characteristics according to ATEX directive and IEC Ex standard</b>	
<b>Maximum voltage AC/DC</b>	320 V
<b>Maximum current (rated cross-section)</b>	24 A
<b>Operating temperature Min/Max</b>	-40 °C / +110 °C
<b>Rated impulse withstand voltage / pollution degree</b>	6 kV / 3
<b>Insulation stripping length</b>	8 mm
<b>Tightening torque value (nom. / max.)</b>	0.4 / 0.8 Nm
<b>Width (pitch)</b>	5 mm
<b>Length</b>	27 mm
<b>Height mounted on TH35-7.5/TH35-15/G32</b>	- / - / -
<b>Height mounted on TH15-5.5</b>	32 mm
<b>Insulation material temperature index (EN 60216-1)</b>	130 °C
<b>Plastic material</b>	Polyamide UL94V-0
<b>ACCESSORIES</b>	
<b>End section</b>	
<b>Grey</b>	RFN/PT/GR (cod. RF101GR)
<b>Thickness</b>	1.5 mm
<b>Cross-connection</b>	
<b>Model A)</b>	PM/12/... (cod. PM12...)
<b>Model B)</b>	PMP/25 (cod. PMP25)
<b>Shunting screw and sleeve (Standard / Exe)</b>	
<b>Coloured partition plate</b>	DFP/2/R (cod. DFP2R)
<b>Blue</b>	RFN/PT (Ex)i (cod. RF201)
<b>Rated current carrying capacity IEC/ATEX</b>	24 A / 24 A
<b>Protection cover</b>	PRP/5 (cod. PRP05)
<b>Test plug socket</b>	SDD/1 (cod. DD001) – PSD/A (cod. PD001)
<b>Screw and plate for short-circuit</b>	
<b>Marking</b>	
<b>Single marking tag</b>	CNU/8/51 (cod. NU0851S) – CNU/10/61 (cod. NU1061S)
<b>Single marking tag for pitch insertion</b>	CNU/8/51 (cod. NU0851S)
<b>Warning plate</b>	-
<b>End bracket</b>	
<b>TH35 screw type</b>	BT/2 (cod. BT006)
<b>Mounting rail</b>	
<b>IEC 60715/TH15</b>	PR/DIN/...
<b>APPROVALS AND MARKINGS</b>	
	     



1 For more details on accessories, refer to the relevant chapters

## PRODUCT DESCRIPTION

RN.2/GR Screw  
terminal block 2.5mm<sup>2</sup>, 1-level, grey color, for TH15 rail