



ATEX technical instructions sheet for safe mounting



Terminal blocks **entrelec**<sup>®</sup>

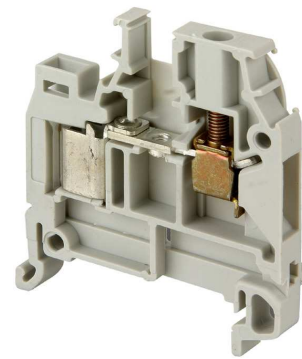
Compression clamp terminal blocks

Feed through & Ground

## D4/6.ADO.Ex range

### Ordering part numbers

Feed through	Grey	1SNA 146 032 R1500
	Blue	1SNA 146 033 R1600
Ground	Green/yellow (With rail contact)	1SNA 146 031 R1400






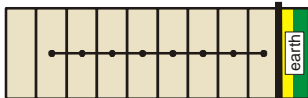
### Connecting capacity

Rated cross-section	1.5 mm <sup>2</sup>
Compression clamp:	
Min solid wire	0.2 mm <sup>2</sup>
Max solid wire	4 mm <sup>2</sup>
Min flexible wire	0.22 mm <sup>2</sup>
Max flexible wire	4 mm <sup>2</sup>
ADO:	
Min solid wire	0.34 mm <sup>2</sup>
Max solid wire	1.5 mm <sup>2</sup>
Min flexible wire	0.34 mm <sup>2</sup>
Max flexible wire	1.5 mm <sup>2</sup>

EC Type examination certificate	LCIE 02 ATEX 0020U LCIE 02 ATEX 0021U	Group category	Protection method
Supplementary EC type examination certificate	LCIE 02 ATEX 0020U/01 LCIE 02 ATEX 0021U/01	I M2	} Ex e: increased security
		II 2GD*	
		I M1 II 1G	} Ex i: intrinsic security

\*: in the presence of explosive dust atmospheres, terminal blocks are to be installed in certified enclosure II2D

<b>Temperature of service</b>	-55°C + 85°C
<b>Temperature increase (IEC 947-7-1)</b>	Maximum 45k
<b>Insulating material</b>	PA 6.6
<b>IRC</b>	600
<b>Flammability (UL94)</b>	V0
<b>Rated current (IEC 947-7-1)</b>	17.5 A
<b>Maximum dissipated power</b>	0.6 W

<b>Maximum voltage</b>	Increased security (EN 60079-7)	Intrinsic security (EN 60079-11)
<b>Blocks in rows</b> 	550V	90V
<b>Blocks feed through &amp; ground in rows</b> 	550V	90V
<b>Blocks feed through in rows with jumper bar BJMI ( Frontal, without screw ) separated with end section FEDAD1</b> 	275V	90V
<b>Blocks feed through &amp; ground in rows, with jumper bar BJMI separated with end section FEDAD1</b> 	275V	90V
<b>Blocks feed through with test plug FC2 with AL2 and end section FEDAD1</b>	550V	90V
<b>Block with shielding connector CBM5 or CBM8</b>	175V	90V

### General instructions

Unwired screws should be tightened.

Instructions regarding tightening torque and wire stripping length must be observed carefully:

Wire stripping length: 9.5mm / 0.37"

Tightening torque: 0.5 – 0.8Nm / 4.4-7.1 lb-in