



ATEX technical instructions sheet for safe mounting



Terminal blocks **entrelec**[®]

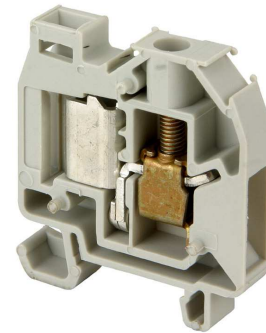
Compression clamp terminal blocks

Feed through & Ground

DR4/6.ADO.Ex range

Ordering part numbers

Feed through	Grey	1SNA 146 202 R0500
	Grey (Without rib)	1SNA 146 209 R1400
	Orange	1SNA 146 208 R1300
Ground	Green/yellow (Without rail contact)	1SNA 146 203 R0600





Connecting capacity

Rated cross-section	1.5 mm ²
Compression clamp :	
Min solid wire	0.2 mm ²
Max solid wire	4 mm ²
Min flexible wire	0.22 mm ²
Max flexible wire	4 mm ²
ADO :	
Min solid wire	0.28 mm ²
Max solid wire	1.5 mm ²
Min flexible wire	0.34 mm ²
Max flexible wire	1.5 mm ²

EC Type examination certificate	LCIE 02 ATEX 0032U	Group category	Protection method
Supplementary EC type examination certificate	LCIE 02 ATEX 0032U/01	I M2	} Ex e: increased security
		II 2GD*	
		I M1	} Ex i: intrinsic security
		II 1G	

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

Temperature of service	-55°C + 85°C
Temperature increase (IEC 947-7-1)	Maximum 45k
Insulating material	PA 6.6
IRC	600
Flammability (UL94)	V0
Rated current (IEC 947-7-1) (Not applicable to ground terminal blocks)	17.5A
Maximum dissipated power	0.6 W

Maximum voltage	Increased security (EN 60079-7)	Intrinsic security (EN 60079-11)
Blocks in rows 	420V	190V
Blocks feed through & ground in rows 	420V	190V

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