



ATEX technical instructions sheet for safe mounting



Terminal blocks **entrelec®**

Compression clamp terminal blocks

Feed through & Ground

M 35/16.Ex range



Ordering part numbers

Feed through	Grey	1SNA 146 029 R2200
	Blue	1SNA 146 030 R2700
Ground	Green/yellow (With rail contact)	1SNA 146 044 R2100



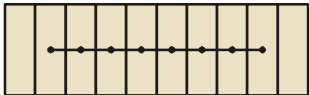
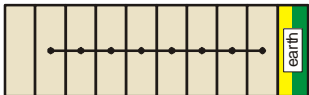
Connecting capacity

Rated cross-section	35 mm ²
Min solid wire	1 mm ²
Max solid wire	50 mm ²
Min flexible wire	1 mm ²
Max flexible wire	35 mm ²

EC Type examination certificate	LCIE 02 ATEX 0014U	Group category	I M2 II 2GD*	Protection method	} Ex e: increased security
Supplementary EC type examination certificate	LCIE 02 ATEX 0014U/01		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

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)	125A
Maximum dissipated power	4 W

Maximum voltage	Increased security (EN 60079-7)	Intrinsic security (EN 60079-11)
Blocks in rows, DIN3 rail 	750V	375V
Blocks feed through & ground in rows, DIN3 rail 	750V	375V
Blocks feed through in rows with jumper bar BJMI (Frontal, with screw) 	750V	375V
Blocks feed through & ground in rows, with jumper bar BJMI, DIN3 rail 	750V	375V

General information

Unwired screws should be tightened.

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

Wire stripping length: 17mm / 0.67"

Tightening torque: 2.8 – 3Nm / 24.9-26.7 lb-in