



ATEX technical instructions sheet for safe mounting



Terminal blocks **entrelec®**

Compression clamp terminal blocks

Feed through & Ground

M6/8.Ex range

Ordering part numbers

Feed through	Grey	1SNA 146 003 R2100
	Blue	1SNA 146 004 R2200
Ground	Green/yellow (Without rail contact)	1SNA 146 238 R0000
	Green/yellow (With rail contact)	1SNA 146 022 R1300






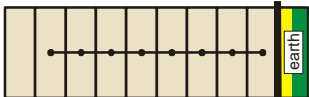
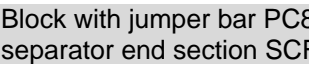
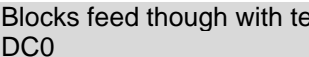
Connecting capacity

Rated cross-section	6 mm ²
Min solid wire	0.5 mm ²
Max solid wire	10 mm ²
Min flexible wire	0.5 mm ²
Max flexible wire	6 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)	41A
Maximum dissipated power	1.3 W

Maximum voltage	Increased security (EN 60079-7)	Intrinsic security (EN 60079-11)
Blocks in rows, DIN3 rail 	420V	190V
Blocks feed through & ground in rows, DIN3 rail 	420V	190V
Blocks feed through in rows with jumper bar BJM Separated with end section FEM6 	275V	90V
Blocks feed through & ground in rows, with Jumper bar BJM separated with end section FEM... 	275V	90V
Block with jumper bar PC8 (Lateral, comb type) with separator end section SCF 	550V	375V
Blocks feed though with test plug FC2 with test device DC0 	550	90V

General information

Unwired screws should be tightened.

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

Wire stripping length: 12mm / 0.47"

Tightening torque: 0.8 – 1Nm / 7.1-8.9 lb-in