



ATEX technical instructions sheet for safe mounting



Terminal blocks **entrelec®**

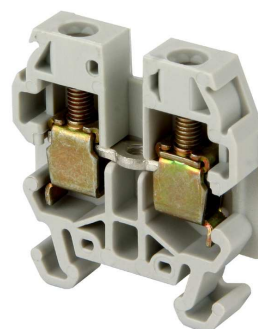
Compression clamp terminal blocks

Feed through & Ground

DR4/6.Ex range

Ordering part numbers

Feed through	Grey	1SNA 146 199 R2200
	Blue	1SNA 146 276 R0600
	Grey, with partition	1SNA 146 200 R1700
	Blue, with partition	1SNA 146 277 R0700
Ground	Green/yellow (With rail contact)	1SNA 146 201 R0400





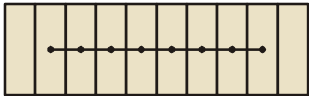
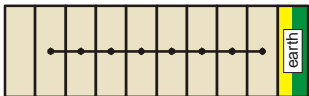
Connecting capacity

Rated cross-section	4 mm ²
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

EC Type examination certificate	LCIE 02 ATEX 0017U LCIE 02 ATEX 0024U	Group category	I M2	Protection method	
Supplementary EC type examination certificate	LCIE 02 ATEX 0017U/01 LCIE 02 ATEX 0024U/01		II 2GD*		} Ex e: increased security
			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)	30A
Dissipated power	1 W

Maximum voltage	Increased security (EN 60079-7)	Intrinsic security (EN 60079-11)
Blocks in rows 	275V	90V
Blocks feed through & ground in rows 	275V	90V
Blocks feed through in rows with jumper bar BJM (Frontal, without screw) 	275V	90V
Blocks feed through & ground in rows, with jumper bar BJM 	275V	90V
Blocks wired with 2.5 mm ² flexible wire, with end section FEDR61	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