



ATEX technical instructions sheet for safe mounting



Terminal blocks **entrelec®**

Compression clamp terminal blocks

Feed through & Ground

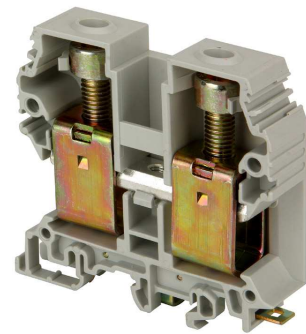
## M70/22.Ex range

### Ordering part numbers

Feed through	Grey	1SNA 146 025 R1600
	Blue	1SNA 146 026 R1700
Ground	Green/yellow (With rail contact)	1SNA 146 073 R2600

### Connecting capacity



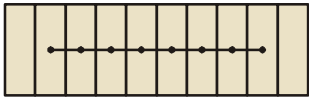
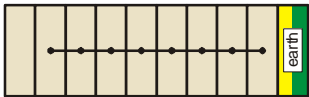
Rated cross-section	70 mm <sup>2</sup>
Min solid wire	16 mm <sup>2</sup>
Max solid wire	95 mm <sup>2</sup>
Min flexible wire	16 mm <sup>2</sup>
Max flexible wire	70 mm <sup>2</sup>



EC Type examination certificate	LCIE 02 ATEX 0027U LCIE 02 ATEX 0023U	Group category	Protection method
Supplementary EC type examination certificate	LCIE 02 ATEX 0027U/02 LCIE 02 ATEX 0023U/02	I M2 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) (Not applicable to ground terminal blocks)	192A
Maximum dissipated power	6.1 W

Maximum voltage	Increased security (EN 60079-7)	Intrinsic security (EN 60079-11)
Blocks in rows, DIN3 rail 	660V	375V
Blocks feed through & ground in rows, DIN3 rail 	660V	375V
Blocks feed through in rows with jumper bar BJMI ( Frontal, with screw ) 	660V	375V
Blocks feed through & ground in rows, with jumper bar BJMI, DIN3 rail 	660V	375V

### General information

Unwired screws should be tightened.

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

Wire stripping length: 25mm / 0.98"

Tightening torque: 6 – 7Nm / 53.4-62.3 lb-in