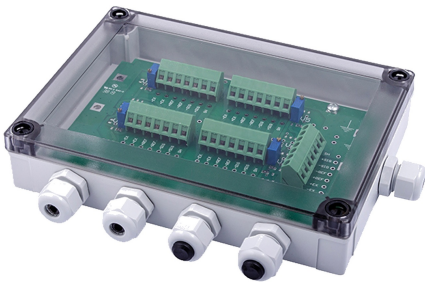


JUNCTION BOX, ABS



- ABS · IP67
- UP TO 4 OR 8 LOAD CELLS
- EQUALIZATION OR PARALLEL



VERSIONS

Version	Board	Load cells	Cable entries	Surge protection
EALB-01	Equalization	up to 4	4 + 1 cable glands M16 × 1.5	–
EALB-02	Equalization	up to 4	4 + 1 PVC sheath end-fittings	–
EALB-03	Equalization	up to 8	8 + 2 cable glands M16 × 1.5	yes
EALB-04	Equalization	up to 8	8 + 2 PVC sheath end-fittings	yes
EALB-05	Parallel	up to 4	–	–
EALB-06	Parallel	up to 4	4 + 1 cable glands M16 × 1.5	–
EALB-07	Parallel	up to 4	4 + 1 PVC sheath end-fittings	–

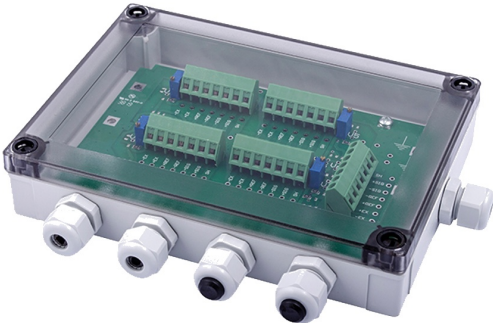
Polyamide cable glands with plugs. Manufacturer types: EALB-01 L-CE41N · EALB-02 L-CE41NR · EALB-03 L-CE81PN · EALB-04 L-CE81PNR · EALB-05 L-CIP67N · EALB-06 L-C41N · EALB-07 L-C41NR.



DESCRIPTION AND TECHNICAL DATA

DESCRIPTION

- Junction box for load cells
- ABS case, IP67
- Load cells with 4 or 6 wires
- Equalization or parallel connection board
- Surge protection on EALB-03 and EALB-04



IP67
-20 ...
+60 °C
ABS

TECHNICAL DATA

Case	ABS
Protection rating	IP67
Operating temperature	-20 ... +60 °C
Load cells	4 or 6 wires · up to 4, EALB-03 and EALB-04 up to 8
Cable entries	polyamide cable glands M16 × 1.5 with plugs or PVC end-fittings for the sheath (see versions)
Surge protection	lightning and electrical shock protection device (EALB-03, EALB-04)
Case dimensions	180 × 130 × 35 mm · 4 × Ø 4.5 mm, centre distance 163 × 113 mm
Cable to the instrument	shielded · 4 wires: 4 × 0.5 mm ² · 6 wires: 6 × 0.2 mm ² (minimum section)
Potentiometers	50 Ω per load cell (equalization boards)
Condition for equalization	difference between the sensitivities not greater than 0.1 mV at 2 mV/V, 0.15 mV at 3 mV/V
Compliance	UKCA (United Kingdom) · EAC (Eurasian Customs Union)

TERMINALS

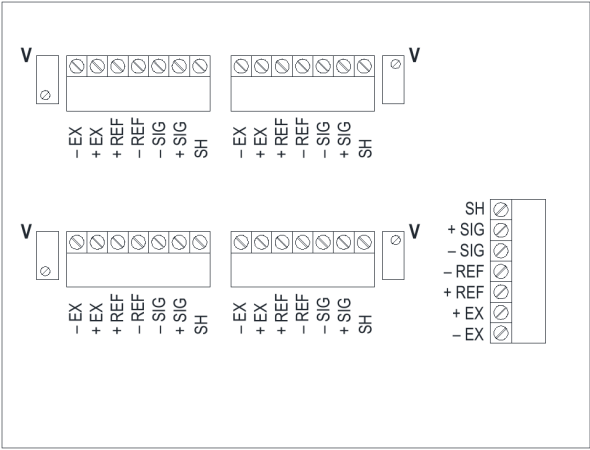
+EX · -EX	Excitation + · -
+SIG · -SIG	Signal + · -
+REF · -REF	Reference (sense) + · -
SH	Shield
V	test points for equalization with a tester (equalization boards)

The single terminal block on the right leads to the amplifier or indicator.

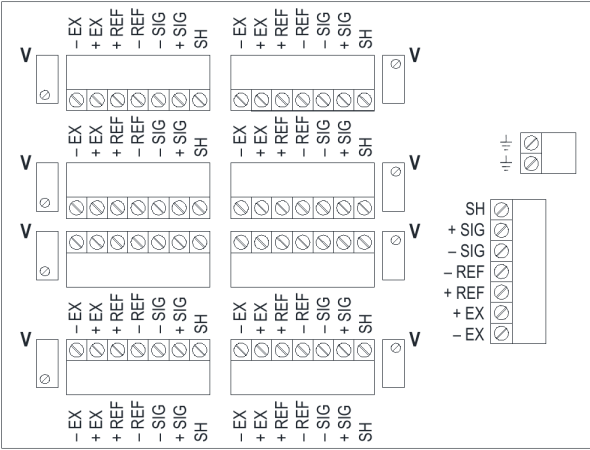


TERMINAL LAYOUT

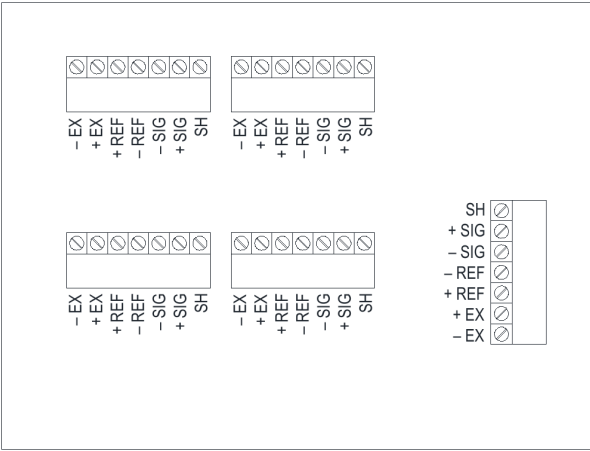
EALB-01 · EALB-02



EALB-03 · EALB-04



EALB-05 · EALB-06 · EALB-07



DIMENSIONS (mm)

