ARS SERIES OVERLOAD



FEATURES

- Suitable for 1&2 roped installation
- Programmable relay: Full load and overload
- Integrated display to show weight values upto 999kg
- Automatic calibration
- No need for test weights
- Universal rope clamps for all types of rope distribution
- Disabling input for detection of elevator movement
- Two keys for programming parameters
- Quick and effortless installation
- Integrated control to correct weight fluctuations

TECHNICAL DATA - ELECTRICAL

ARS-35-11 / ARS-70-21

Power Supply	24-48 VDC
Disabling Input	24-VDC / 230-VAC
Relay	250V 3A
Relay Output (Configurable)	2
Nature of Relay Output (Configurable)	Active High, Active Low

TECHNICAL DATA - MECHANICAL

ARS-35-11 / ARS-70-21

Mechanical	3500Kg
Safe Load	150% RC
Ultimate Overload	200% RC
Deflection at Overload	< 0.5 mm
Hysteresis	< 0.1% RC
Total Error	< 0.5% RC
Weight	Approx. 2Kg
Temperature Effect on Output	<+/ -0.01% / °C
Temperature Effect on Zero	<+/ -0.02% / RC
Operating Temperature	10°C - 50°C
Measuring Range	999 kg
Cable Length	2 mtr / 7mtr.

LXR
OVERLOAD

FEATURES

- Suitable for 1:1, 2:1, 4:1 roped installation
- Three programmable relay output
- DIN rail enclosure for easy mounting.
- Automatic calibration
- Display to view real weight
- Cabin indicator output
- Universal clamps for all type of rope distribution
- Unparallel accuracy and reliability
- Quick & easy installation
- Maintenance free



TECHNICAL DATA - MECHANICAL

Mechanical	8000Kg
Safe Load	150% RC
Ultimate Overload	200% RC
Deflection at Overload	< 0.5 mm
Hysteresis	< 0.1% RC
Total Error	< 0.5% RC
Weight	Approx. 4Kg
Temp Effect on Output	<+/ -0.01% / °C
Temp Effect on Zero	<+/ -0.02% / RC
Operating Temp	10°C - 50°C
Measuring Range	7500 kg
Cable Length	7 mtr.

TECHNICAL DATA - ELECTRICAL

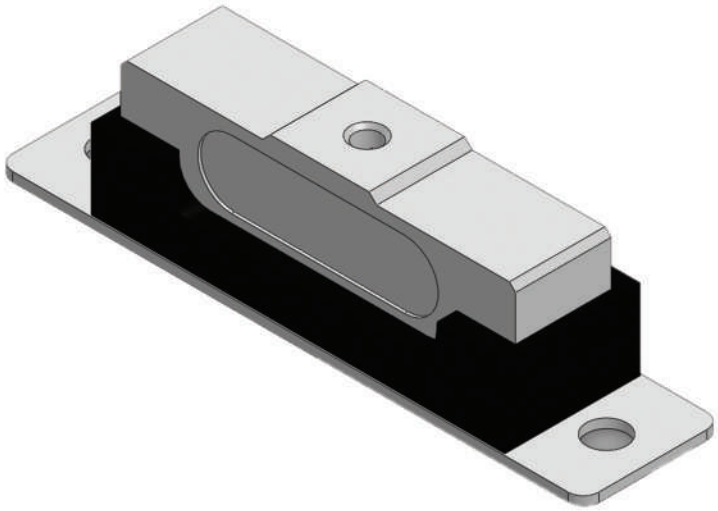
Power Supply	24-48 VDC
Disabling Input	24-VDC / 230-VAC
Relay	250V 3A
Relay Output (Configurable)	3
Nature of Relay Output (Configurable)	Active High, Active Low
Analog Output	0-20mA, 4-20mA (Optional)
Voltage Output	0 -10VDC
Communication	RS485 (Optional)

PURETRONICS
Purely Global

LPF
OVERLOAD

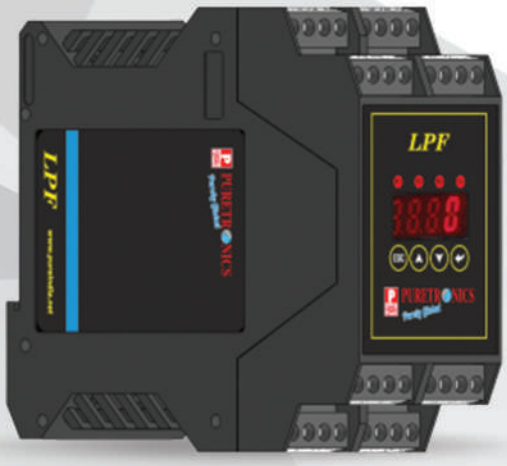
FEATURES

- Automatic calibration
- Unparallel accuracy and reliability
- Maintenance free
- 3 Programmable relay output
- Cabin indicator output
- Capacities: (Maximum total weight = Cabin + Person)
- 4, 6 & 8 Installed sensors - 3200Kg



TECHNICAL DATA - ELECTRICAL

Power Supply	24-48 VDC
Disabling Input	24-VDC / 230-VAC
Relay	250V 3A
Relay Output (Configurable)	3
Nature of Relay Output (Configurable)	Active High, Active Low
Analog Output	0-20mA, 4-20mA (Optional)
Voltage Output	0 -10VDC
Communication	RS485 (Optional)



TECHNICAL DATA - MECHANICAL

Operating Capacity (RC)	800Kg / Sensor
Safe Load	150% RC
Overload	200% RC
Deflection at Overload	< 0.5 mm
Hysteresis	< 0.1% RC
Total Error	< 0.5% RC
Operating Temp	10°C - 50°C
Weight	0.6Kg/Sensor
Temp Effect on Zero	< ± 0.02% / °C
Temp Effect on Output	< ± 0.01% / °C