

## SALA “MEDIUM” series load arrestor

### Description

The Sala range of Load Arrestors are safety devices used in conjunction with lifting devices, such as cranes and hoists.

The Load arrestor provides independent protection that will arrest the fall of a load in the event of the primary system failing and, being completely independent of the primary lifting system, it reduces the risk of equipment damage and protects personnel in and around the danger zone.

A range of load arrestor available in three body sizes, small, medium, and large to protect loads from 100kg up to 3000kg, with a variety of wire cable lengths.

The load arrestor is installed adjacent to the primary lifting device and fixed to a suitable anchorage point. Its retractable steel cable is then secured to the load. The wire rope is attached to the arrestor via an internal spring loaded drum that keeps the rope under a constant light tension yet allows unrestricted movement of the protected load.

In the event of a failure of the primary lifting device that allows the load to fall or descend too quickly, the arrestor senses a descent speed in excess of 0.5m/sec and automatically engages an internal inertia-activated mechanical brake that acts on the rope drum. This decelerates and stops the lowering of the suspended load within 1m and absorbs the shock forces.

### Main features

- Independent protection
- Reduces the risk of equipment damage and protects personnel
- Three body sizes, small, medium, and large
- Protect loads from 100kg up to 3000kg
- Variety of wire cable lengths
- Allows unrestricted movement of the protected load
- Senses a descent speed in excess of 0.5m/sec and automatically engages
- Decelerates and stops the lowering of the suspended load within 1m
- Absorbs the shock forces



### Applications

Sala Load Arrestors can be used in conjunction with a large variety of lifting devices, or protection of overhead loads:-

- Cranes
- Hoists
- Lifts
- Lighting rigs
- Tools / equipment

INDUSTRIAL LOAD ARRESTOR

# KD4PLA-MED

(P-LA-####)

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### Technical specification

- Housing – cast aluminium
- Finish - paint
- Cable – galvanized
- Individual serially numbered

REF.	<b>KD4PLA1505</b> (P-LA 1500-5)	<b>KD4PLA1012</b> (P-LA 1000-12)	<b>KD4PLA8017</b> (P-LA 800-17)
WORKING RANGE	5 m	12 m	17 m
WORKING LOAD	1500 kg	1000 kg	800 kg
CABLE DIAMETER	11mm	9mm	8MM
CABLE MBS	71 kN	48 kN	41 kN
MAX STOPPING DISTANCE	500mm	800mm	800mm
LOCK-ON SPEED	0.5m/s		
NET WEIGHT	41 Kg		
BODY SIZE (L x W x H)	368 x 238 x 435 mm		

