LANDON KINGSWAY

Lektro-Mag

The Lektro-Mag Electromagnetic quick release mechanisms are for use with electrically actuated fire valve systems. They provide instant release of Free Fall Fire Valves when de-energised.
These can be utilised for remote fire valve closure. The Lektro-Mag is an electromagnet, which when de-energised de-magnetises and uncouples the armature releasing the fire valve. The Lektro-Mag when coupled to a weight operated Free Fall Fire valve becomes a manual reset valve, the valve can be manually reset after the Lektro-Mag has released and voltage has been re-established.

The Lektro-mag can be incorporated with auxilliary volt free changeover contacts, these signal hold / release status. Lektro-Mag may be installed as 'wall mounted' or 'direct mounted' via bracket. Wall mounted Lektro-Mag systems can can be designed to release a stainless-steel fire valve cable, which can be used in the normal way with pulley wheels and fusible link. The system is designed to isolate a fuel supply in the event of a Fire or Fire Alarm trigger. The system can also be used for tank dump applications.

The Lektro-mag has a 'Push to test' feature it is capable of 40 Kg holding.

Image showing Free Fall Fire Valve arrangement with non-mercury position tilt switch with Lektro-Mag fitted on wall bracket 10901103.
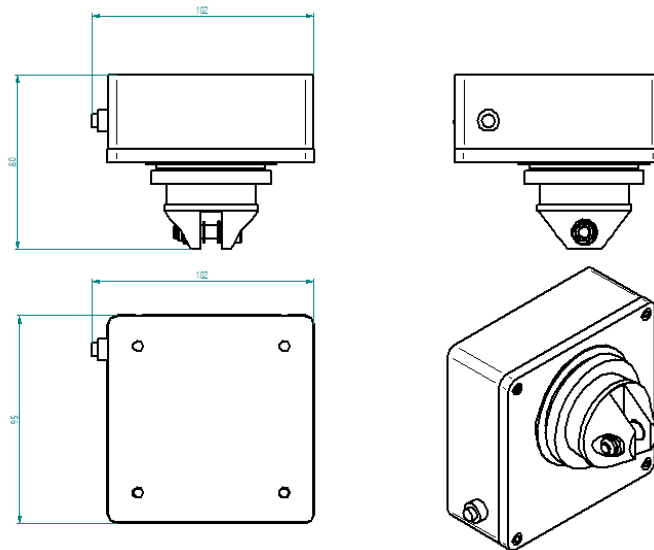
Technical Specification

Holding Force: 40Kg / 392N
Power Consumption: 100mA
Temperature Range: 10°C to +55°C
Protection: IP40
Housing Material: Steel / ABS cover

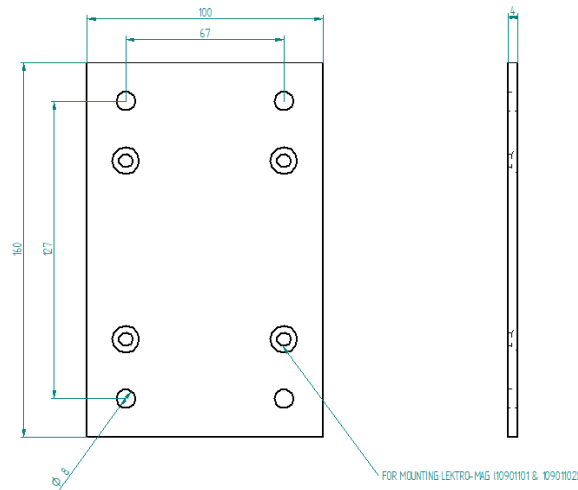| Part Number	Description
10901101	Lektro-Mag 24VDC
10901102	Lektro-Mag 230VAC
10901103	Lektro-Mag Horizontal Mounting Plate
10901104	Lektro-Mag Vertical Mounting Kit
10901105	Lektro-Mag 24VDC with N/O and N/C Contacts
10901106	Lektro-Mag 230VAC with N/O and N/C Contacts
10901108	IP65 Enclosure for Lektro-mag Terminal 1 (Positive) Terminal 2 (Negative)

Dimensions: 10901101 & 10901102
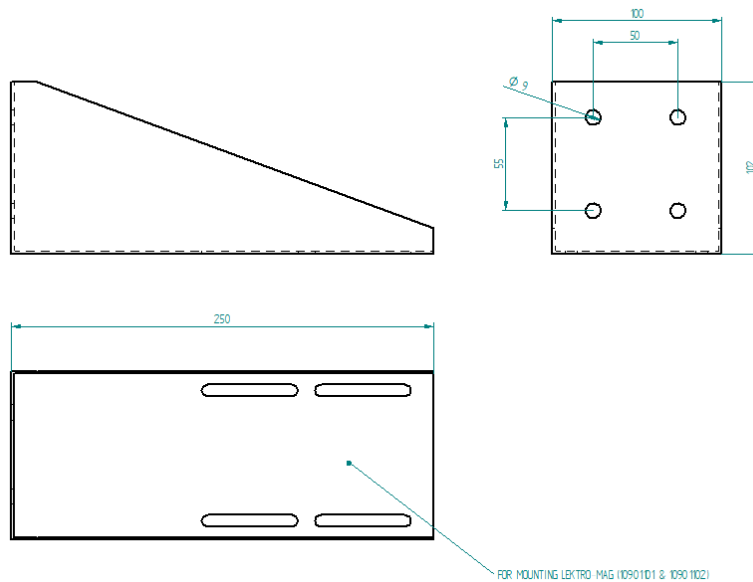
Dimensions: 10901103

FOR MOUNTING LEKTRO-MAG (10901101 & 10901102)

Dimensions: 10901104

FOR MOUNTING LEKTRO-MAG (10901101 & 10901102)

Lektro-Mag (System Example)

LEKTRO-MAG MOUNTING PLATE
1090110-4-A

FREE FALL FIRE VALVE SET
AVAILABLE 3/8" TO 2"
SEE DATA SHEET FOR PART NUMBERS
10037"

ELECTRO THERMAL LINK
10904209   73°C   (163° F)
10904213 94°C (201° F)
10904210 99°C (210° F)
10904204 110°C (230° F)
10904205 128°C (263° F)
10904212 133° C (271° F)
10904214 172° C (342° F)

10901101 LEKTRO-MAG 24VDC
10901102 LEKTRO-MAG 230V/50HZ

VALVE POSITION FEEDBACK
(TILT SWITCH MERCURY FREE)
1090043 - 24vDC Supply Req Switches up to 4 Amp
1090048 - 12VDC Supply Req Switches up to 4 Amp
1090043-NDS witchup to 250mAmp

FUEL SUPPLY LINE

ELEKTRIOMEK
10901701

L N E
Power Supply

M6 PULLEY 10903610

CABLE
10015708 (9 METRES)
10015709 (30 METRES)
10015712 (100 METRES)

M6 PULLEY 10903610

EMERGENCY STOP BUTTON

FUSIBLE LINK
10902803 92° C
10902805 103° C
10902806 133° C
10902808 145° C
10902811 128° C
10902810 183° C

BURNER / GENERATOR

BURNER / GENERATOR

BURNER / GENERATOR

M6 PULLEY 10903610
M6 WALL ANCHOR 10030602

www.landonkingsway.com

FREE FALL FIRE VALVE SYSTEM 6