

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 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.

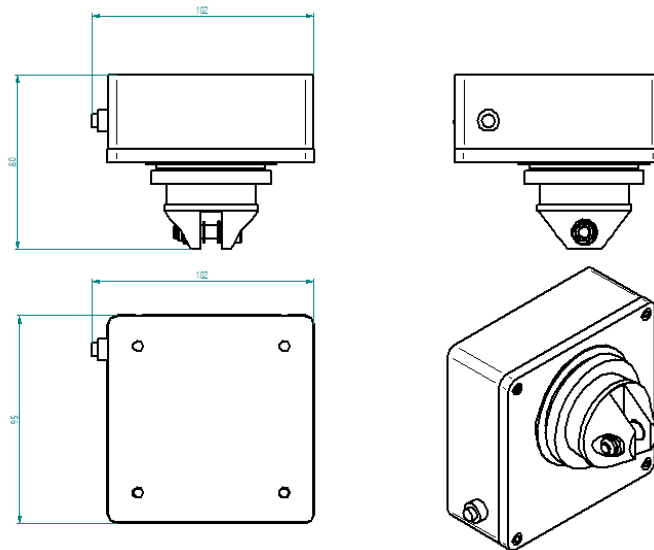
Technical Specification

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

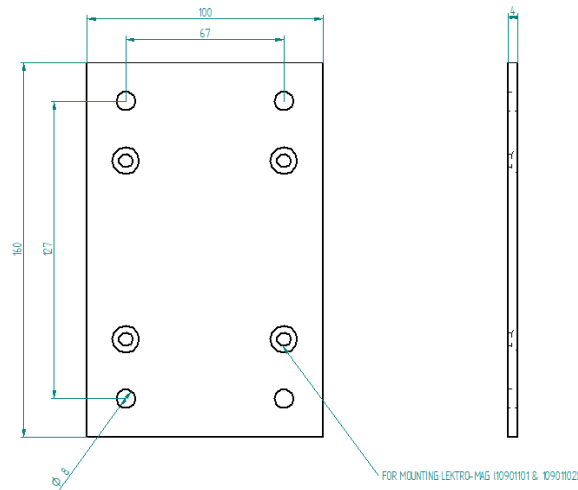
Part Number	Description
10901101	Lektro-Mag 24VDC
10901102	Lektro-Mag 230VAC
10901103	Lektro-Mag Horizontal Mounting Plate
10901104	Lektro-Mag Vertical Mounting Kit
10901105	Lektro-Mag 24VDC with N/O and N/C Contacts
10901106	Lektro-Mag 230VAC with N/O and N/C Contacts

Lektro-Mag (System Example)

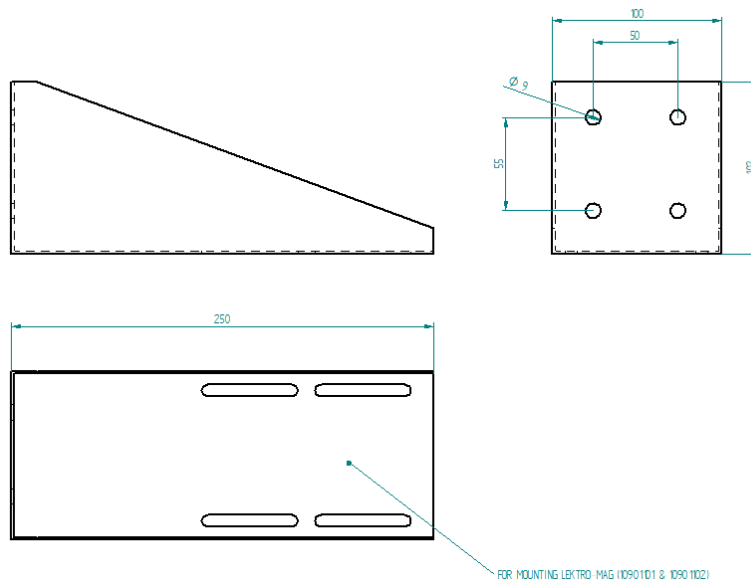
Dimensions: 10901101 & 10901102



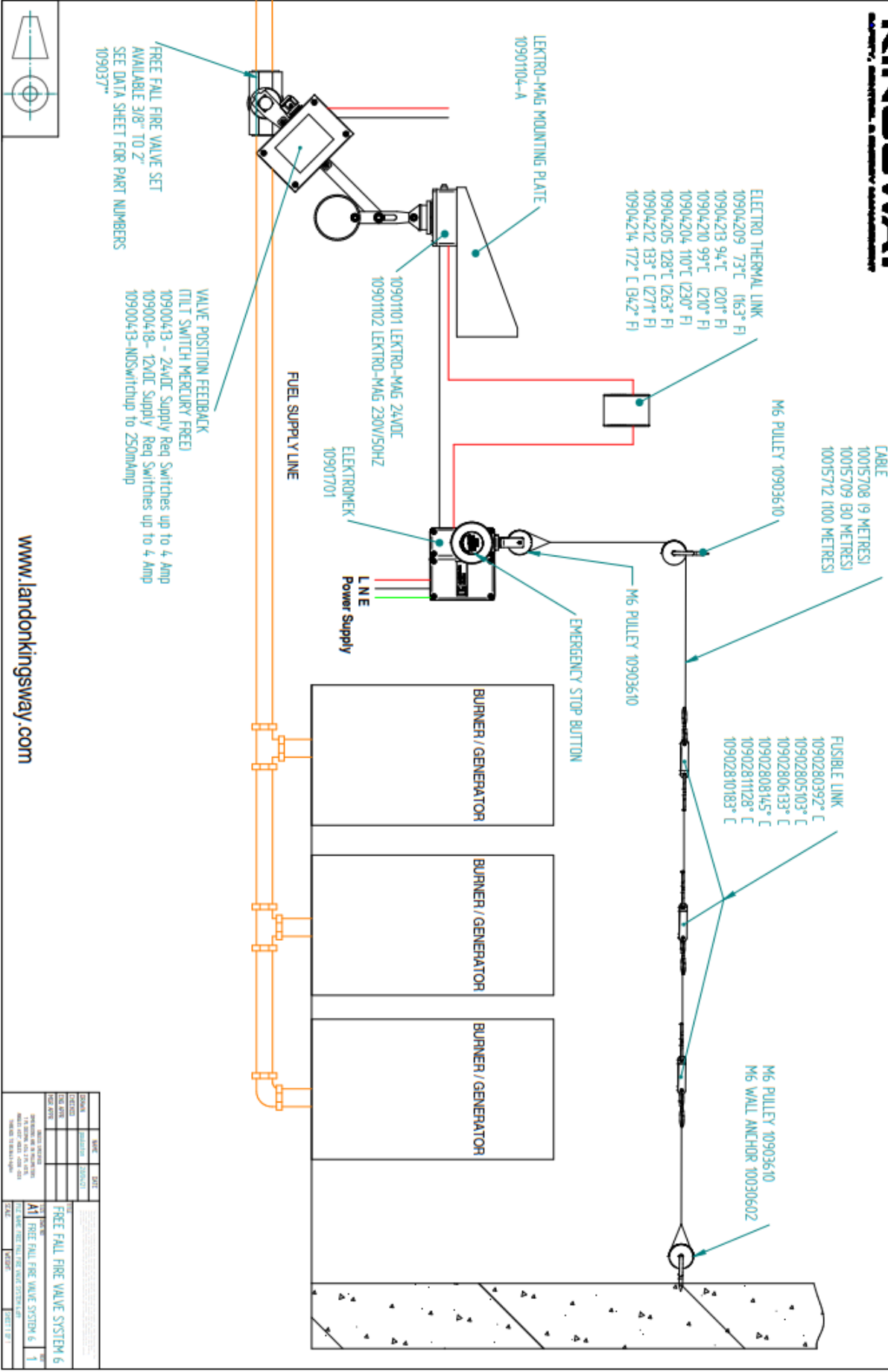
Dimensions: 10901103



Dimensions: 10901104



Lektro-Mag (System Example)



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NO.	QTY	DESCRIPTION	UNIT
1	1	FREE FAIL FIRE VALVE SYSTEM 6	1
2	1	FREE FAIL FIRE VALVE SYSTEM 6	1
3	1	FREE FAIL FIRE VALVE SYSTEM 6	1
4	1	FREE FAIL FIRE VALVE SYSTEM 6	1
5	1	FREE FAIL FIRE VALVE SYSTEM 6	1
6	1	FREE FAIL FIRE VALVE SYSTEM 6	1
7	1	FREE FAIL FIRE VALVE SYSTEM 6	1
8	1	FREE FAIL FIRE VALVE SYSTEM 6	1
9	1	FREE FAIL FIRE VALVE SYSTEM 6	1
10	1	FREE FAIL FIRE VALVE SYSTEM 6	1