
Description:
The market is expected to grow at a rate of 7.04%. Vacuum contractors are used for switching operations of single phase and three phase circuits and motors etc. the objective is to protect the machine or circuit from voltage or current surges. Vacuum contractor is an electromagnetically trigger switch which return to their rest position when the control circuit is opened. The design of contractor is such that, current which are above the rated limit can be carried across for a brief period. Along with the main contacts the contractor has multiple auxiliary contacts. Vacuum contractors are designed in a hypodermic structure and provide double interruptions of its contacts. Also a suitable fuses are installed in the contractor to enable to operate in difficult conditions and protect the electrical equipment. Vacuum contractors are used to handle scenarios when the circuit experiences sudden increase in load or faulty current supply. During surge the contacts duly separate and a metal vapour discharge occurs. This continues until the current supply is not turned off completely.

Vacuum contractors are increasingly used in multiple electrical appliances. These includes, capacitors, generators, motors, transformers. Vacuum contractors are used in power transmitters. These contractors are also included in variable frequency drive for systems using AC current. Vacuum contractors are used as motor starter, switch gear and control gear in the above mentioned equipment. In multiple industries such as, oil and gas, commercial, mining, utilities and many other ones require vacuum contractor to protect their expensive equipment.

Heating, ventilation and air conditioning (HVAC) units have seen an up surge in demand and this trend is expected to continue in both short term and medium term. Since the basic function of vacuum contractor is to protect the system against power surges, its use has increased to this domain which uses, expensive equipment. So based on lateral demand due to growth in HVAC industry, vacuum contractor market is expected to grow too. There has been consistent demand to reduce the use of power in machinery by several organizations and customer groups. Vacuum contractors are known to regulate power use so as to prevent sudden increase in load in the motor during start up. By employing a vacuum contractor power consumption during this crucial phase can be reduced. So companies are going for this instrument to reduce the power consumption in their systems. Recently with the increase in usage the price of vacuum contractors have also increased which acts as a restraint for the product. The installation of vacuum compression is not a guarantee against accidents. In challenging conditions at times the problems of loss of vacuum may arise. It may lead to further deterioration in the situation.

Vacuum contractor consists of several components like, vacuum interrupter, relay and switch. Also this product can be divided into capacity wise as low voltage, medium voltage and high voltage vacuum contractors.

China with its huge appetite for minerals to sustain its growth has been a major consumer of mining equipment. Vacuum contractors are used in mining equipment and with the slowdown contractors have to face lower demands. Also the markets are now flooded with low cost and low quality vacuum contractors which is harming the established players with quality offerings. The opportunity however lies in the replacement market. Earlier it was oil based contractors which were predominantly used. Now with the advent of a better product the earlier users are compelled to use newer vacuum based contractor. This is a new opportunity for the product.

Please note: As this product is updated at the time of order, dispatch will be 72 hours from the date the order and full payment is received.

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