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SPECIFICATION

SEC Ref: 030

SEC OPzS Tubular Plate Stationary Cells to DIN 40 736

General Description:

SEC's OpzS tubular plate cells have a design life of 15+ years, and are manufactured to ISO9001. The tank formed tubular positive and flat pasted negative plates are manufactured from low-antimony lead alloys, to ensure high mechanical strength, corrosion resistance, and low water loss. Microporous plastic separators, which result in very low electrical resistance, are used to separate the electrodes. The separators overlap the plates on all sides, thus preventing mossing, and consequent short circuits. The cell containers are made of high impact, transparent SAN plastic. The container and lid are bonded together to prevent gas and or electrolyte escaping. The construction of the terminal pole seal meets the requirements of DIN 40 729, and movement of the pole through the cell lid is allowed by purpose designed, acid resistant, O-ring seals. The OPzS cells are connected together by fully insulated copper screw connectors, and mounted onto fully insulated, HDPE coated mild-steel rails supported by epoxy-coated cross members. Cells are supplied either in a filled and charged condition with dilute sulphuric acid electrolyte (1.240 kg/l at 20°C), and are ready for immediate use, or dry-charged with separate electrolyte. All cells are clearly marked with the manufacturer's name, OPzS cell reference, DIN specification number, date of manufacture, nominal electrolyte density, and maximum/minimum electrolyte level.

Accessories:

All equipment required for the correct and safe installation, and maintenance of each battery can also be provided, if specified, for example; spare cells, portable digital voltmeter, insulated 13/17mm, and 22mm spanners, 100g jar of terminal grease, -20 °C to +80 °C thermometer, 1.100 to 1.300 kg/l hydrometer (densimeter), acid resistant apron, eye protection goggles, acid resistant gloves, wall mounted eye wash bottle, 200x200 mm warning sign 'accumulators', 200mm dia. Warning sign 'No smoking – no open fires', and one (1) 30litre drum of distilled water.

Guarantee:

All cells are supplied with a full replacement, ex factory, **one (1) year warranty**, against faulty manufacturing and workmanship, when installed and operated in accordance with SEC's instructions.