

EP Shanghai 2011 技术专题研讨会 – 部分演讲摘要
Partial Presentation Abstract

耐克森(上海)电气器件有限公司

(SHANGHAI) ELECTRICAL MATERIALS CO.,LTD

- 日期 DATE: 2011.09.22
- 时间 TIME: 1130-1220
- Venue 地点: 7 会议室 Conference Room No. 7



讲题 Topic:	新一代中压电缆连接套管 A new generation of bushing for medium voltage cable connections
讲者 Speaker:	Mr Frank Claeys
演讲摘要 Presentation Abstract	<p>套管作为一个电气设备的固定部分与 XLP E 电缆一起和插拔头配合使用，是一种在中压系统上非常常见的连接方案，已经有超过 30 年的使用经验。欧标 EN 50180 和 EN 50181 在 1997 年就定义了这些套管和接口。经过在设计和工艺上的长期发展，套管的性能比以前有所提高，同时现在市场对套管也提出了更高电压等级（52kV）和更大额定电流（1250A 和 2500A）的新要求。这些要求都促使 EN 50180 和 EN 50181 在 2010 年进行了修正和更新。</p> <p>本文介绍了 Euromold（Nexans 子公司）符合新标准的传统和新型产品，以及根据市场需求做出的产品改进。</p> <p>The combination of a bushing as a fixed part of an electrical equipment and a shielded connector on an XLPE cable is a very popular connection technique in medium voltage applications for more than 30 years. The standard EN 50180 and EN 50181 describes these bushings and interfaces since 1997. Evolutions in the design and the processes make the bushings more performing than before. At the other end, the market is asking now for bushings for higher voltages (52 kV) and currents (1250 and 2500 A). This has lead to a revision of the bushings standard EN 50180 and EN 50181 in 2010.</p> <p>In this paper an overview is given how the company NNS –division Euromold has followed this evolution. The traditional and new products according to the new standard are described.</p>