

절연층에 따른 전류제한기용 YBCO박막형 선재의 전류제한 특성

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Current Limiting Characteristics of YBCO Coated Conductor for SFCL

According to Insulation

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Abstract : YBCO coated conductor can change the stabilization layer for purpose and it leads advantages in Improvement of tape's critical properties and Application. Such properties rise possibility of using YBCO coated conductor for Superconductor Fault Current Limiter, therefore, we investigate changing properties under over current condition and limiting characteristics. In this study, YBCO coated conductor's current limiting characteristic stainless steel stabilization layer under condition of changing conductor's insulating layer. Consequently, the resistance followed insulating layer so we know that limiting characteristics.

Key Words : YBCO coated conductor, SFCL, Insulation