

IRRD[®]

Intelligent Remote Racking Device



Arc flash is a type of electrical explosion or discharge that results from a connection through air to ground or another voltage phase in an electrical system. Current research shows that up to 80% of reported electrical injuries are caused by an electrical arc. This fact has generated safety requirements and industrial standards for switchgear defined by Safety standard NEC, NFPA70E, OSHA etc. recommends VCB racking with PPE or perform this operation outside the Arc Flash protection boundary.

The IRRD[®] is a system that allows an operator racking in and out a withdrawable circuit breaker from a remote location. It offers a safe alternative to manually racking circuit breakers, which reduces the requirement for service personnel to wear a full-body arc flash hazard suit for protection.