Furse surge protection catalogue pdf

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261Accessories 262 - 266Technical reference & index 267 - 296Lightning protection standard BS EN 62305:2011 268 - 283BS EN 50164:2008 284 - 285Earthing standards 286Lightning protection to NFPA & UL standards 287Overvoltage protection to BS 7671 288BS EN 61643 product standard 289Lightning protection of hazardous areas 290 - 291Index 292 - 295Customer services 296IntroductionLightning is one of natures most powerful anddestructive phenomena.Lightning strikes present a real and significantthreat - to life, to the structures in which we liveand work, and to the electronic systems whichsupport us in our daily lives.The consequences of lightning can be devastating.Direct lightning strikes damage structures, and createfire, explosion and electric shock hazards.Indirect lightning (up to a kilometre away) createstransient overvoltages which degrade electronic systemsand disrupt essential services.Protecting against the consequences of lightning is nowof paramount importance to our commercial, industrialand public service institutions.Lightning protection throughout the world is nowgoverned by national and international standards whichstress the need for a comprehensive solution.A solution that delivers effective life safety, togetherwith long lasting, reliable protection of a structure andthe electronic systems within.We believe the Furse Total Solution is the best availablesolution for achieving effective, dependable, long termlightning protection.From air terminals to earthing systems, conductors tosurge protective devices, our Total Solution standsforemost in the market for making good this promise toprotect life, the structure and electronic systems.If youre looking for world-leading lightning protection,look no further than the Furse Total Solution.Furse, Wilford Road, Nottingham, NG2 1EB Tel: +44 (0)115 964 3700 Email: Web: www.furse.com3Furse, Wilford Road, Nottingham, NG2 1EB Tel: +44 (0)115 964 3700 Email: Web: www.furse.comIntroductionTotal Solution to earthing& lightning protectionBrand historyFor almost 120 years now the Furse brand has beensynonymous with earthing & lightning protection.Since our foundation in 1893 as a small steeplejackingcompany, Furse has developed and expanded tobecome the front runner in earthing & lightningprotection, offering our renowned Total Solution,which delivers: Lightning protection systems for structuresand the electronic systems within Earthing of lightning protection andpower systemsFurse became part of Thomas & Betts portfolio ofelectrical brands in 1998, which in turn has become amember of the ABB Group in 2012.Thomas & Betts is a major global manufacturer andsupplier of electrical products and services to keymarkets for wire & cable management, cableprotection, power connectivity and life safety.As a leading innovator to the electrical marketplace forover 110 years, Thomas & Betts enjoys productive andsupportive partnerships with distributors and endusers worldwide.Through this wider distributor network, the Fursebrand has now become established as a worldleader in earthing & lightning protection, with ourproducts specified and installed in many prestigiousprojects around the globe.Service, support, salesProduct sales form only part of the Furse offering.Supporting our customers with project consultations,site surveys, preparation of engineering drawings andguidance on standards is equally important to us.Our technical engineering team, with over 100 yearsaccumulated knowledge of developing earthing &lightning protection solutions, can design systems toany relevant British (BS) or other recognised standard.Additionally, active participation in the developmentof British, European & International standards forlightning and transient overvoltage protection (BSI,CENELEC & IEC), and earthing (BSI), ensures we alwaysoffer the most appropriate and up-to-date technicaladvice and product solutions to the market.So, whatever your query, technical support is readilyavailable, from our UK and overseas offices, or via ourinternational network of distributors.We believe in sharing our knowledge with you, soyou can make a properly informed decision on thebest earthing & lightning protection solution to suityour needs.Commitment to qualityISO 9001 registration is only the start of ourcommitment to quality.A commitment that applies equally to all areasof our business, from design and development tomanufacturing and customer service.A commitment geared to ensuring you receive theright advice on earthing & lightning protection -whether over the phone, via a presentation, orthrough our comprehensive technical literature.Thomas & Betts headquarters, Memphis, USAIntroduction Customer servicesFurse, Wilford Road, Nottingham, NG2 1EB Tel: +44 (0)115 964 3700 Email: Web: www.furse.comCustomer service & technical adviceOur sales and technical teams are ready to assist with all your earthing &lightning protection needs. 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