

THE CHOICE OF THE CLASSES OF REACTION-TO-FIRE PERFORMANCE FOR ELECTRIC CABLES

According to the Construction Products Regulation (CPR), it is required that the type of the cable would be chosen in accordance with the risk level for the particular building type. The table below provides appropriate labels for the cable types for specific installation environments that meet the CPR requirements in Lithuania.

RISK LEVEL	TYPE OF THE BUILDING	EUROCLASS	CPR CABLE TYPES
HIGH	- Evacuation routes (corridors, staircases, lobbies, foyers, lounges, etc.)	Cca-s1,d1,a1	XPJ-HF C-PRo AFUX C-PRo 1kV XPK-HF C-Pro AXMK-HF C-PRo AXCMK-HF C-PRo MCMK-HF C-Pro MK-HF C-PRo MKEM-HF C-Pro XPK-HF C-Pro
MODERATE	- Premises that can hold 50 people and more - Buildings for kindergartens, nurseries, hospitals, clinics, polyclinics, sanatoriums, rehabilitation centres, healthcare facilities, spas, medical care facilities, nursing homes, hotels - Locations in a building where the cables are laid: shafts, tunnels, technical niches, spaces above the suspended ceilings, under the raised floor, etc. - Residential premises (multi-apartment buildings)	Dca-s2,d2,a2	XPJ-HF D XPUJ-HF D XPK-HF D AXQJ PURE FXQJ PURE FQ PURE
LOW	- Premises for production, industry and storage - Residential premises (one or two dwelling buildings)	Eca	XPJ XPUJ XPK AXPK-PLUS AMCMK MCMK ML MK MKEM