

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 Estonia.

RISK LEVEL	BUILDING TYPE	EUROCLASS	CPR CABLE TYPES
HIGH	<ul style="list-style-type: none"> - Building with a height of over 28 metres - Individual rooms of the building for over 100 users - Assembly building for over 200 users - Educational buildings for over 10 users - Hospitals, welfare buildings with over 10 beds - Hotels with over 10 beds - Over 100 m long tunnels and galleries for people - Escape routes 	Cca-s1,d1,a2	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
MEDIUM	<ul style="list-style-type: none"> - Buildings with a footprint of over 60 m² and a height of up to 28 m - Industrial buildings - Parking houses, car parks, garages - Tunnels for cars 	Dca-s2,d2,a2	XPJ-HF D XPUJ-HF D XPK-HF D AXQJ PURE FXQJ PURE FQ PURE
LOW	<ul style="list-style-type: none"> - Buildings with a footprint of over 60 m² and a height of up to 5 m 	Eca	XPJ XPUJ XPK AXPk-PLUS AMCMK MCMK ML MK MKEM
NONE	<ul style="list-style-type: none"> - Cabling that is not a part of a building - A cable entering the main distribution board of a building and not passing through other parts of the building - Power installation facility of the network operator providing the network service, where there is no permanent staff and no access for unauthorised persons 		