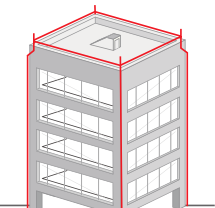
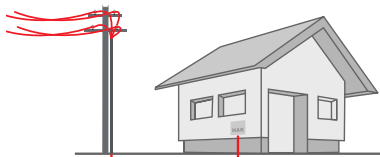
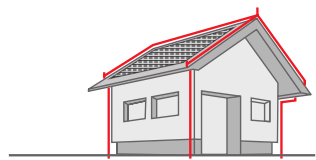
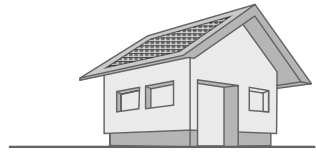
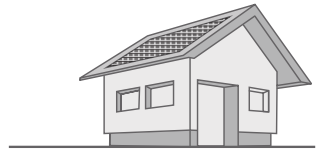


Selection Guide for Suitable Lightning and Surge Protection Devices in Residential and Commercial Buildings

Building Type	Applications	Main Distribution Installation		Sub-distribution Installation		End-device Installs		
	Lightning Protection Level I and II Building	Main Distribution Source or System Power Source		Distance to Main Distribution >10m		Distance to Main or Sub-distribution >10m		
		TYPE 1+2	 ProTec T1S-275-3+1 59.0748  ProTec T1S-275-3+1-R* 59.0749  ProTec T1S-275-3+0 59.0742  ProTec T1S-275-3+0-R* 59.0743	 TN-S/TT  TN-C	TYPE 2	 ProTec T2-300-3+1 59.0121  ProTec T2-300-3+1-R* 59.0122  ProTec T2-300-3+0 59.0093  ProTec T2-300-3+0-R* 59.0094	 ProLED 275 (3+1)16A 130 304	
	Lightning Protection Level III and IV Building		 ProTec T1H-300-3+1 59.0320  ProTec T1H-300-3+1-R* 59.0321  ProTec T1H-300-3+0 59.0314  ProTec T1H-300-3+0-R* 59.0315	 TN-S/TT  TN-C		 ProLED 275 (3+1)16A 130 304		
	Building with Overhead Line Feed		TYPE 1+2	 ProTec T1H-300-3+1 59.0320  ProTec T1H-300-3+1-R* 59.0321	 TN-S/TT	TYPE 2	 ProTec T2-300-3+1 59.0121  ProTec T2-300-3+1-R* 59.0122	ProTec DMG 20/320 (2+0) 508.369 ProTec DMG 20/320 (2+0)-R* 508.370
	Building with no External Lightning Protection			 ProTec T1H-300-3+0 59.0314  ProTec T1H-300-3+0-R* 59.0315	 TN-C		 MPE Mini with Buzzer 121 280  MPE Mini with LED 121 282	
		TYPE 2	 ProTec T2-300-3+1 59.0121  ProTec T2-300-3+1-R* 59.0122  ProTec T2-300-3+0 59.0093  ProTec T2-300-3+0-R* 59.0094	 TN-S/TT  TN-C	Note: Install as close as possible to protected terminal / end-device			



Selection Guide for Suitable Lightning and Surge Protection Devices in Residential and Commercial Buildings

Applications		AC Side		DC Side						
Buildings with Photovoltaic Systems	Building with External Lightning Protection			Complete Solution						
	Building with no External Lightning Protection		TYPE 1+2		ProTec T1H-300-3+1 59.0320		TN-S/TT	TYPE 1		ProTec T1-1100PV-3+0 59.0285
					ProTec T1H-300-3+1-R* 59.0321					ProTec T1-1100PV-3+0-R* 59.0286
			TYPE 1		ProTec T1H-300-3+0 59.0314		TN-C	TYPE 1		ProTec T1-1500PV-3+0 59.0289
					ProTec T1H-300-3+0-R* 59.0315					ProTec T1-1500PV-3+0-R* 59.0290
Building with no External Lightning Protection		TYPE 2		ProTec T2-300-3+1 59.0121		TN-S/TT	TYPE 2		ProTec T2-1100PV-3+0 59.0292	
				ProTec T2-300-3+1-R* 59.0122					ProTec T2-1100PV-3+0-R* 59.0293	
		TYPE 1		ProTec T2-300-3+0 59.0093		TN-C	TYPE 1		ProTec T2-1500PV-3+0 59.0295	
				ProTec T2-300-3+0-R* 59.0094					ProTec T2-1500PV-3+0-R* 59.0296	

Applications		Holistic Protection Products	
Additional Surge Protection Devices for Buildings	Telephone		Signal Protection ADSL , ADSL2, ADSL2+, VDSL, VDSL2
	Data Interfaces		Power Over Ethernet (PoE) Cat 6 Connection
	TV		TV and Cable TV Connections (CATV)
	Satellite Antenna (SAT)		SAT Antenna with F Connector

