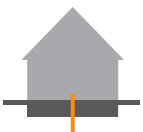


Power Surge

Situation / location	Type of building	Main distribution board		Unterverteilung	
		Earthing System / SPD type	Part number	Earthing System / SPD type	Part number
External lightning protection system (according to IEC 62305-3 // DIN EN 0185- 305) 	Housing, Commercial buildings, offices (class 3 and 4)	TT/TNS (3Ph + N) Typ 1+2 230/400V	DT130031R 	TT/TNS (3Ph + N) Typ 2 230/400V	DT230031R 
		TT/TNS (1Ph + N) Typ 1+2 230/400V	DT130011R 	TT/TNS (1Ph + N) Typ 2 230/400V	DT230011R 
	Industrial building (class 3 and 4)	TT/TNS (3Ph + N) Typ 1+2 230/400V	DT130040R 	TT/TNS (3Ph + N) Typ 2 230/400V	DT230040R (or EDT230040R) 
		TNC (3Ph) Typ 1+2 230/400V	DT130030R 	TNC (3Ph) Typ 2 230/400V	DT230030R 
No external lightning protection system (according to IEC 62305-3 // DIN EN 0185- 305) 	Housing, Commercial buildings, offices (class 3 and 4)	TT/TNS (3Ph + N) Typ 2* 230/400V	DT130031R 	TT/TNS (3Ph + N) Typ 2 230/400V	DT230031R 
		TT/TNS (1Ph + N) Typ 2* 230/400V	DT230011R 	TT/TNS (1Ph + N) Typ 2 230/400V	DT230011R 
	Industrial building (class 3 and 4)	TNS (1Ph + N) Typ 2* 230/400V	DT230040R 	TNS (1Ph + N) Typ 2 230/400V	DT230040R (or EDT230040R) 
		TNC (3Ph) Typ 2* 230/400V	DT230030R 	TNC (3Ph) Typ 2 230/400V	DT230030R (or EDT230030R) 
		IT (3Ph + N / 3Ph) or sensitive site and application Typ 2* 230/400V	EDT230030R (3Ph) EDT230040R (4Ph + N) 	IT (3Ph + N / 3Ph) or sensitive site and application Typ 2 230/400V	EDT230030R (3Ph) EDT230040R (4Ph + N) 

* In case of Isolated site (mountain) or outdoor connection, we recommend to install a SPD class 1+2 in the main distribution board