

UniSwitch

Technical data / Dimensions

Technical data

Rated voltage U_r	[kV]	12	17.5	24
Rated lightning impulse withstand voltage U_p				
Common value	[kV]	75	95	125
Across the isolating distance		85	110	145
Rated short-duration power-frequency withstand voltage U_d				
Common value	[kV]	28 (1)	38 (1)	50
Across the isolating distance		32 (1)	45 (1)	60
Rated frequency	[Hz]	50/60	50/60	50/60
Rated current I_r				
Busbar	[A]	630/1250	630/1250	630
Feeder		630	630	630
Rated short-time withstand current				
Main circuit	[kA]	25	20	20
Earthing circuit	[kA]	25	20	20
Rated duration of short circuit	[s]	1/2	1/3	1/3
Rated peak withstand current	[kA]	62,5	50	50
Arc-fault current, 1s	[kA]	20	20	20
Degree of protection (IP-code)				
For the enclosure		IP 3X	IP 3X	IP 3X
For the partitions		IP 2X	IP 2X	IP 2X
Mechanical endurance of switch c/o		5000	5000	5000
Mechanical endurance of earthing switch c/o		1000	1000	1000
Ambient temperature				
Maximum value	[°C]	+40	+40	+40
Maximum value of 24 h-mean		+35	+35	+35
Minimum value		-5	-5	-5 (3)
Altitude above sea level	[m]	≤1000 (2)	≤1000 (2)	≤1000 (2)

(1) Higher values in accordance with national standards on request

(2) Adjustment is necessary for greater altitudes

(3) Lower ambient temperature on request.

Dimensions

Rated voltage U_r	[kV]	12	17.5	24
Width / circuit breaker cubicle	[mm]	750	750	750
Width / other cubicles	[mm]	375/500	375/500	375/500
Height	[mm]	1635/1885	1635/1885	1635/1885
Depth	[mm]	940+60	940+60	940+60
Height / LV-compartment	[mm]	450	450	450



*Knowledge & Validity
Constant Creativity*