

The equipment standards specify that the altitude of the place in which the products are to be installed should not exceed 2000 m.

The altitude does not affect the products' characteristics up to 2000 m.

Above that, it is necessary to allow for the reduction in dielectric strength and the cooling power of the air.

The table below shows the corrections to be made depending on the altitude.

Type	Altitude (m)			
Acti9 main products	≤ 2000	3000	4000	5000
Phase and Neutral circuit breakers: iC40				
Dielectric voltage withstand (V AC)	2500	2200	2000	-
Impulse withstand voltage U _{imp} (kV)	4	3	3	-
Rated insulation voltage U _i (V AC)	1P+N 3P, 3P+N	400 440	320 400	320 320
Maximum rated operational voltage U _e (V AC)	1P+N 3P, 3P+N	230 400	220 380	200 300
Rated current at reference ambient temperature	I _n	0.96 x I _n	0.93 x I _n	-
Breaking capacity (kA)	No change			
Add-on residual current devices for Phase and Neutral circuit breakers: Vigi iC40				
Maximum rated operational voltage U _e L/L (V AC)	2P 3P, 4P	230 400	220 380	200 380
Sensibility I _{Δn} (mA)	No change			
Circuit breakers up to 63 A: iC60				
Dielectric voltage withstand (V AC)	2500	2200	2000	1800
Impulse withstand voltage U _{imp} (kV)	6	5	5	4
Rated insulation voltage U _i L/L (V AC)	500	400	400	320
Maximum rated operational voltage U _e L/L (V AC)	440	400	400	300
Rated current at reference ambient temperature	I _n	0.96 x I _n	0.93 x I _n	0.9 x I _n
Breaking capacity (kA)	No change			
Add-on residual current devices for circuit breakers up to 63 A: Vigi iC60				
Maximum rated operational voltage U _e L/L (V AC)	2P 3P, 4P	240 415	220 380	220 380
Sensibility I _{Δn} (mA)	No change			
Direct current circuit breakers up to 63 A: C60H-DC, C60PV-DC, C60NA-DC				
Dielectric voltage withstand (V DC)	2500	2200	2000	1800
Impulse withstand voltage U _{imp} (kV)	6	5	5	4
Rated insulation voltage U _i (V DC)	500	400	400	320
Maximum rated operational voltage U _e (V DC)	1P 2P	250 500	220 400	200 300
Rated current at reference ambient temperature	I _n	0.96 x I _n	0.93 x I _n	0.9 x I _n
Breaking capacity (kA)	No change			
Residual current circuit breakers: iID, iID40				
Dielectric voltage withstand (V AC)	2500	2200	2000	-
Impulse withstand voltage U _{imp} (kV)	6	5	5	-
Rated insulation voltage U _i (V AC)	500	400	400	-
Maximum rated operational voltage U _e (V AC)	2P 4P	240 415	220 400	220 400
Rated current at reference ambient temperature	I _n	0.96 x I _n	0.93 x I _n	-
Breaking capacity (kA)	No change			
Residual current operated circuit-breakers: iC60 RCBO				
Dielectric voltage withstand (V AC)	2500	2200	2000	-
Impulse withstand voltage U _{imp} (kV)	6	5	5	-
Rated insulation voltage U _i L/L (V AC)	500	400	400	-
Maximum rated operational voltage U _e L/L (V AC)	415	380	380	-
Rated current at reference ambient temperature	I _n	0.96 x I _n	0.93 x I _n	-
Breaking capacity (kA)	No change			
Circuit breakers up to 125 A: C120				
Dielectric voltage withstand (V AC)	2500	2200	2000	1800
Impulse withstand voltage U _{imp} (kV)	6	5	5	4
Rated insulation voltage U _i L/L (V AC)	500	400	400	320
Maximum rated operational voltage U _e L/L (V AC)	415	380	380	300
Rated current at reference ambient temperature	I _n	0.96 x I _n	0.93 x I _n	0.9 x I _n
Breaking capacity (kA)	No change			
Add-on residual current devices for circuit breakers up to 125 A: Vigi C120				
Maximum rated operational voltage U _e L/L (V AC)	2P 3P, 4P	240 415	220 380	220 380
Sensibility I _{Δn} (mA)	No change			