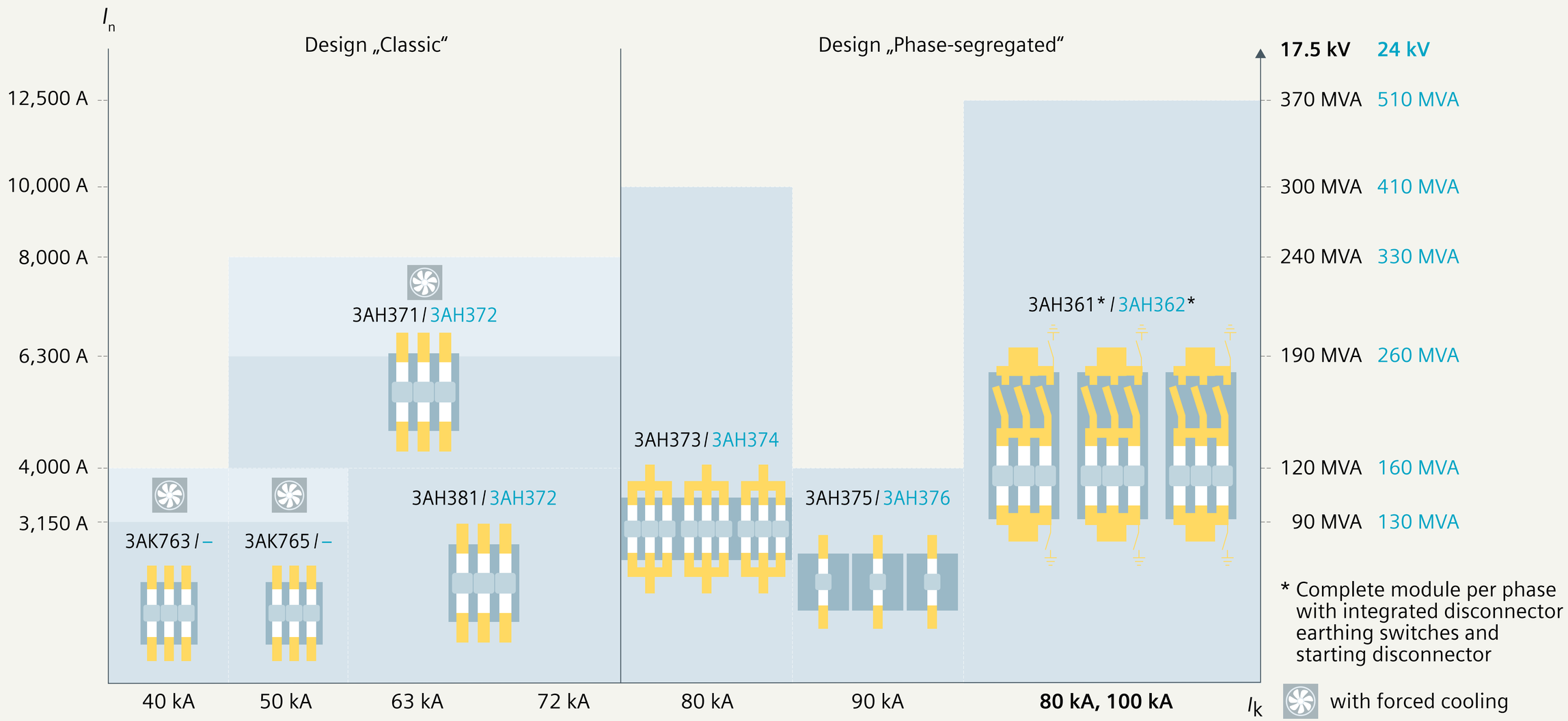Vacuum circuit-breaker for generator switching application 17.5 kV and 24 kV