

D165T-D265T Digital Pole Mounted circuit breaker

The DT165 – D265T Digital Pole Mounted circuit breaker is mounted inside a weather-resistant fiberglass reinforced polyester case. Digital trigger blocks The digital trigger block provides protection for the 3 transformer calibers on the pole (50kVA, 100kVA and 160kVA), whether conventional transformers (without internal protection) or new transformers with protection(TPC).



A selector allows the choice of the protection gauge of the transformer. The micro-controller evaluates in real time the presumed temperature of the transformer from the current on all three phases and the outside ambient temperature. The latter is itself calculated from the probe and a mathematical model as a function also of the 3 phase currents. In case of integration of trigger block in an old generation pole breaker, the load integrator function, if it exists, will be inhibited.

	D165T	D265T
Maximum transformer power	50 /100 kVA	50 /100 / 160 kVA
Current allocated	165 A	265 A
Maximum number of outputs	1	2
Rated Ultimate Short-Circuit Breaking Capacity (Icu)	4 kA	6.4 kA
Service Short-Circuit Breaking Capacity (Ics)	6.8 kA	11.7 kA
Rated Voltage	400 V	400 V
Frequency	50 / 60 Hz	50 / 60 Hz
Voltage Supported at Industrial Frequency	4 kV (1min) between phases - 10 kV (1min) to ground	
Voltage Supported Lightning Type BIL*	20 kV to ground	20 kV to ground
Working temperature	-25°C to +50°C	-25°C to +50°C