



Main

Range of product	DNF7sq
Product or component type	Incomer outcomer cubicle
Circuit breaker application	Secondary main breaker
Network frequency	50/60 Hz
[Ur] Rated voltage	0...40.5 kV
[Ud] Insulation voltage power frequency	95 kV 50 Hz 1 min
[Up] Insulation voltage lightning impulse withstand	185 kV peak
Bus rated current	3150 A 1250 A 2500 A
[Ir] Rated current	1250 A with natural cooling 2500 A with natural cooling 3150 A with fan cooling
[Ik] Short time withstand current	25 kA for 4 s 31.5 kA for 4 s
IP degree of protection	IP4X
Electrical connection	Cable - 4 x 240 mm ² bottom per phase
Product weight	1467 kg 1929 kg
Height	2400 mm
Width	1200 mm
Depth	2500 mm

Complementary

Internal arc classification	Internal arc class AFLR
Internal arc protection	31.5 kA 1 s
Additional device type	Relay SEPAM Relay MiCOM Relay Easergy P3 Power meter PowerLogic PM200 Power meter PowerLogic PM800 Power meter Eon
Arc fault detector option	Yes vamp - (ordered separately)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

Standards	IEC 62271-200
Type of installation	Indoor installation
Ambient air temperature for operation	-5...40 °C
Operating altitude	<= 1000 m