



Main

Range of product	Premset
Device short name	G12
Product or component type	Bus riser cubicle
Technology type	Vacuum SSIS switchgear
Network type	AC
Network frequency	50/60 Hz
Rated voltage	17.5 kV
[Ui] rated insulation voltage	20 kV 50 Hz 1 min 28 kV 50 Hz 1 min 38 kV 50 Hz 1 min 42 kV 50 Hz 1 min
[Uimp] rated impulse withstand voltage	95 kV peak
Bus rated current	1250 A
[In] rated current	1250 A
[Icw] rated short-time withstand current	25 kA for 3 s
Name of test	Internal arc class AFLR
Controlled fluid	Exhaust gas bottom Exhaust gas top
Integral instant protection	25 kA 1 s
Electrical connection	Busbar connection
Net weight	100 kg
Height	1350 mm (no LV cabinet and 500 mm cable height) 1550 mm (no LV cabinet and 700 mm cable height) 1995 mm (LV cabinet type C) 2250 mm (LV cabinet type C max)
Width	375 mm
Depth	Front: 1135 mm Rear: 1208 mm
Standards	IEC 62271-1

Environment

Ambient air temperature for operation	-25...40 °C
Ambient air temperature for storage	-40...70 °C

IP degree of protection	IP3x
Vibration resistance	0.33 gn horizontal class 2 0.33 gn vertical class 2
Operating altitude	<= 3000 m

Contractual warranty

Warranty	18 months
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