

Transformer

CG 800kVA 11kV Blank

Technical Data



Technical Specification

CG Power Systems Ireland Ltd., Dublin Rd., Cavan, Ireland, H12 KV20

		<i>pi_hnsy</i>	<i>Revision: 1</i>	
General Specifications				
Manufacturer	CG Power Systems Ireland Ltd.			
Product Reference	ZENWP0800-SE			
Transformer kVA Rating	800 kVA	Design Number	EM05307	
Industry	Light Industry	Cooling	ONAN	
Installation	Outside	Frequency	50 Hz	
Altitude	< 1000 m	Temperature - Oil / Winding	60 K / 65 K	
Phases	3	Standard	IEC60076/1-5	
<i>Routine testing is included according to IEC 60076</i>				
Electrical Specifications				
Primary Voltage (V)	11000V	Primary Voltage (V)	433V	
Insulation level (Um)	12kV	Insulation level (Um)	1.1kV	
Lightning Impulse Voltage (Us)	95kV	Lightning Impulse Voltage (Us)		
Power Frequency Voltage (Up)	28kV	Power Frequency Voltage (Up)	3	
Bushings	3	Bushings	4	
HS-regeling	±2x2.5	No load Losses (W) @ 75 °C	650W	
Tapping Type	Off Circuit	Load Losses (W) @ 75 °C	8400W	
Vector Group	Dyn11	Impedance	4.75%	
Mechanical Specifications				
Tank type	Finned tank on three sides, LV and HV flanges on fourth side to ENA TS 35-1			
Winding material	Al / Al			
Oil type	E680-000 MINERAL OIL - IEC60296			
Color	BS No 632 Dark Adm. Grey			
Cover	Bolted Cover			
Expansion tank	Yes			
Filling Type	Breather (Free Breathing)			
Corrosion protection	standard			
Roller	#N/A			
Mass & Overall Dimensions (Approx.)				
Core & Winding (kg)	1148kg	Length (mm)	1845mm	
Oil (kg)	830kg	Width (mm)	1110mm	
Total (kg)	2600kg	Height (mm)	1680mm	
Accessories				Cableboxes
Nameplate				
IE - Gate valve 1"				
IE - Barrell Nipple 1"x 40mm High				
IE - Socket (Female) 1"x23mm High				
Thermometerpocket 1" BSP				
Earthing bolt on cover				
Notes				