

SWITCHGEAR

Model:ATS1250/DIST1L



Switchboard Data

		50Hz			
VOLTAGE	VOLTS	231/400	COLOUR	BS4800	RAL20E51
MAIN BUS BAR RATING	AMPS	1250	MAXIMUM OPERATING AMBIENT		40°C
FORM RATING	Form Type	4 2	DIMENSIONS (mm)	LENGTH	1520
IP RATING	IP	50		WIDTH	660
				HEIGHT	2200
SWITCHBOARD kA RATING	kA	50kA for 1 second	WEIGHT (kg) with crash frame		1840
NUMBER OF POLES	Incomers Feeders	3 3	LIFTING ARRANGEMENTS: FORK POCKETS Fork Pockets Single Point Lift/Hole Diameter (mm) 2 x Top Lifting Eyes/Hole Diameter (mm) 4 x Top Lifting Eyes/Hole Diameter (mm) ✓ ✓40 x x		
CABLE ENTRIES:					
Incomers	Top - Above CB				
Outgoing	Feeder 1 - Left Hand Side				
	Feeder 2 - Left Hand Side Bottom				
	Feeder 3 - Right Hand Side				
	Feeder 4 - Right Hand Side				
	Feeder 5 - Right Hand Side				
	Feeder 6 - Right Hand Side				
	Feeder 7 - Right Hand Side				

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Main Switchgear Details

BREAKER	MANUFACTURER	RATING		CONNECTION METHOD	
Incomer 1 Utility Supply	 Merlin Gerin	Current	1250 Amps	Phases	M12 Bolt - Up to 4 load cables per phase
		Fault kA	50kA @ 415vac	Neutral	M12 Bolt - Up to 4 load cables
		# Poles	3	Earth	M10 Bolt - Earth Bar external to panel
	Model C1251N Trip Type STR25DE	Notes: Incomer 1 is mechanically interlocked with Incomer 2			
Incomer 2 Generator Supply	 Merlin Gerin	Current	1250 Amps	Phases	M12 Bolt - Up to 4 load cables per phase
		Fault kA	50kA @ 415vac	Neutral	M12 Bolt - Up to 4 load cables
		# Poles	3	Earth	M10 Bolt - Earth Bar external to panel
	Model C1251N Trip Type STR25DE	Notes: Incomer 2 is mechanically interlocked with Incomer 1			
Feeder 1	 Merlin Gerin	Current	1250 Amps	Phases	M12 Bolt - Up to 4 load cables per phase
		Fault kA	50kA @ 415vac	Neutral	M12 Bolt - Up to 4 load cables
		# Poles	3	Earth	M10 Bolt - Earth Bar external to panel
	Model C1251N Trip Type STR25DE	Notes:			
Feeder 2	 Merlin Gerin	Current	630 Amps	Phases	M10 Bolt - Up to 1 load cables per phase
		Fault kA	50kA @ 415vac	Neutral	M10 Bolt - Up to 1 load cables
		# Poles	3	Earth	M10 Bolt - Earth Bar external to panel
	Model NS630N Trip Type STR23DE	Notes:			
Feeder 3	 Merlin Gerin	Current	630 Amps	Phases	M10 Bolt - Up to 1 load cables per phase
		Fault kA	50kA @ 415vac	Neutral	M10 Bolt - Up to 1 load cables
		# Poles	3	Earth	M10 Bolt - Earth Bar external to panel
	Model NS630N Trip Type STR23DE	Notes:			
Feeder 4	 Merlin Gerin	Current	400 Amps	Phases	M10 Bolt - Up to 1 load cables per phase
		Fault kA	45kA @ 415vac	Neutral	M10 Bolt - Up to 1 load cables
		# Poles	3	Earth	M10 Bolt - Earth Bar external to panel
	Model NS400N Trip Type STR43DE	Notes:			
Feeder 5	 Merlin Gerin	Current	160 Amps	Phases	M6 Bolt - Up to 1 load cables per phase
		Fault kA	36kA @ 415vac	Neutral	M6 Bolt - Up to 1 load cables per phase
		# Poles	3	Earth	M10 Bolt - Earth Bar external to panel
	Model NS160N Trip Type TM125D	Notes:			

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BREAKER	MANUFACTURER	RATING		CONNECTION METHOD	
Feeder 6	 Merlin Gerin	Current	1250 Amps	Phases	M12 Bolt - Up to 4 load cables per phase
		Fault kA	50kA @ 415vac	Neutral	M12 Bolt - Up to 4 load cables
		# Poles	3	Earth	M10 Bolt - Earth Bar external to panel
	Model	C1251N	Notes: Incomer 1 is mechanically interlocked with Incomer 2		
	Trip Type	STR25DE			

CONTROL SYSTEM

MODEL	DSE	
	332	
CONTROL FUNCTIONS:		
Generator Start Signal	✓ Close to start	
Auto Utility Return	✓	
Manual Utility Return	✓	
Utility Paralleling	x	
OUTPUT DEVICES	QTY	