

data_center						
label	type	key	null / not null	default	description	
id	string	primary	not null			
name	string	secondary	not null			
street	string	secondary	not null			
postcode	string	secondary	not null			
city	string	secondary	not null			
country	string	secondary	not null			
variable temperature	float				degrees celsius	
outside humidity	float				percentage	
inside temperature	float				degrees celsius	
inside humidity	float				percentage	
airflow	float				LFM	
outside pressure	float				hPa	
dew point	float				degrees celsius	
inlet temperature	float				degrees celsius	
inlet humidity	float				percentage	
outlet temperature	float				degrees celsius	
outlet humidity	float				percentage	
power consumption	float		not null		kWh	
renewable	float			0	percentage	

air						
label	type	key	null / not null	default	description	
id	string	primary	not null			
data_center_id	string	secondary	not null			
room_id	string	secondary	not null			
temperature	float				degrees celsius	
humidity	float				percentage	
airflow	float				LFM	
dew point	float				degrees celsius	
inlet temperature	float				degrees celsius	
inlet humidity	float				percentage	
outlet temperature	float				degrees celsius	
outlet humidity	float				percentage	
power consumption	float		not null		kWh	

room						
label	type	key	null / not null	default	description	
id	string	primary	not null			
data_center_id	string	secondary	not null			
temperature	float				degrees celsius	
humidity	float				percentage	
airflow	float				LFM	
dew point	float				degrees celsius	
inlet temperature	float				degrees celsius	
inlet humidity	float				percentage	
outlet temperature	float				degrees celsius	
outlet humidity	float				percentage	
power consumption	float		not null		kWh	

rack						
label	type	key	null / not null	default	description	
id	string	primary	not null			
data_center_id	string	secondary	not null			
rack_number	integer	secondary	not null			
temperature	float		not null		degrees celsius	
humidity	float		not null		percentage	
airflow	float		not null		LFM	
dew point	float		not null		degrees celsius	
inlet temperature	float		not null		degrees celsius	
inlet humidity	float		not null		percentage	
outlet temperature	float		not null		degrees celsius	
outlet humidity	float		not null		percentage	
power consumption	float		not null		kWh	

unit						
label	type	key	null / not null	default	description	
id	string	primary	not null			
unit_id	string	secondary	not null			
ing_unit	int	secondary	not null			
re_of_units	int	secondary	not null	1		
temperature	float		not null		degrees celsius	
humidity	float		not null		percentage	
airflow	float		not null		LFM	
dew point	float		not null		degrees celsius	
inlet temperature	float		not null		degrees celsius	
inlet humidity	float		not null		percentage	
outlet temperature	float		not null		degrees celsius	
outlet humidity	float		not null		percentage	
power consumption	float		not null		kWh	

switch						
label	type	key	null / not null	default	description	
id	string	primary	not null			
unit_id	string	secondary	not null			
information number	string	secondary	not null	horizontal		
temperature	float		not null	0	degrees celsius	
humidity	float		not null		percentage	
airflow	float		not null		LFM	
dew point	float		not null		degrees celsius	
inlet temperature	float		not null		degrees celsius	
inlet humidity	float		not null		percentage	
outlet temperature	float		not null		degrees celsius	
outlet humidity	float		not null		percentage	
power consumption	float		not null		kWh	

compute						
label	type	key	null / not null	default	description	
id	string	primary	not null			
unit_id	string	secondary	not null			
information number	string	secondary	not null	horizontal		
performance capacity	int		not null			
cpu_type	string		not null			
temperature	float		not null		degrees celsius	
humidity	float		not null		percentage	
airflow	float		not null		LFM	
dew point	float		not null		degrees celsius	
inlet temperature	float		not null		degrees celsius	
inlet humidity	float		not null		percentage	
outlet temperature	float		not null		degrees celsius	
outlet humidity	float		not null		percentage	
power consumption	float		not null		kWh	
fan speed	float		not null			
cpu_utilization	float		not null			

disk						
label	type	key	null / not null	default	description	
id	string	primary	not null			
unit_id	string	secondary	not null			
information number	string	secondary	not null	horizontal		
temperature	float		not null		degrees celsius	
humidity	float		not null		percentage	
airflow	float		not null		LFM	
dew point	float		not null		degrees celsius	
inlet temperature	float		not null		degrees celsius	
inlet humidity	float		not null		percentage	
outlet temperature	float		not null		degrees celsius	
outlet humidity	float		not null		percentage	
power consumption	float		not null		kWh	

disk						
label	type	key	null / not null	default	description	
id	string	primary	not null			
power consumption	float		not null		kWh	

Serial attributes of the object, stored as table of the object in a database
 Serial reading of the object, stored as a measurement in a time series database

Labels indicate the attribute, and are in the unit column with the 'ing_' (consumption)
 Types are simply, not null, and secondary
 Keys are primary (indicated by 'primary') and secondary (indicated by 'secondary')
 Default values can be indicated by 'default' or '0'
 Used to describe the unit of measurement