



SPD in Data Centers

Data Centers



AC SPD

Location	Equipment	SPD	Type
	Service Entrance Switchboard	DACN1-25CVGS-31-275 + SFD1-25S-31	1
	Primary Switchboard	DAC50VGS	2
	Busway Power Distribution Units (PDU)	DAC50S	2
	Floor Power Distribution Units	DAC50S	2
	Secondary panels	DACF25S	2

Location	Equipment	SPD
VFD panel	VFD AC input	DAC50VGS
VFD panel	VFD AC output	DAC50VGS
VFD panel	Communication ports	DLA-12D3/MJ8-C6A
PLC control cabinet	AC Power input	DAC50
PLC control cabinet	DC Power output	DDC
PLC control cabinet	Sensors/ Ethernet switch	DLA / MJ8-C6A

Cooling system SPD

Location	Equipment	SPD
Power Supply	CDU	DAC50S-30
Communication interface	CDU – Modbus/Bacnet	DLA/MJ8-C6A

Fire alarm SPD

Location	Equipment	SPD
Power Supply	AC Incoming power	DACF25
Power Supply	Battery back-up 24Vdc	DDC
Instrumentation Panel	4-20mA	DLATS1-24D3
Control room	4-20mA	DLATS1-24D3
PLC Control cabinet	Ethernet/RS485	MJ8-C6A/DLA-12D3
Power Supply	AC Incoming power	DACF25

Access control SPD

Location	Equipment	SPD
Power Supply	AC Incoming power	DAC40CS
Instrumentation Panel	4-20mA	DLATS1-24D3
Control Room	4-20mA	DLATS1-24D3

Location	Equipment	SPD
Power Supply	IP Camera	MJ8-POE-C6A
Control Room	Server	RAK16-POE

Location	Equipment	SPD
Equipment	IT equipment	MJ8-C6A
Control Room	Server	RAK16-E-C6

Lighting SPD

Location	Equipment	SPD
Outdoor lighting	Luminaire	MLPM1-230L-R
Outdoor lighting	Cut-out pole box	DLPM1-230L
Indoor lighting	Secondary panel	DAC40C

Photovoltaic SPD

Location	Equipment	SPD
Inverter	AC input	DAC1-13S
Inverter	DC output	DPVN1-6CS-21Y-1500
Panels	String box	DPVN1-6CS-21Y-1500
Inverter	Monitoring	DLA-12D3/MJ8-C6A

Location	Equipment	SPD
Main panel	AC input	DACN1-25CVGS-31-275
Power Conversion panel	AC input	DAC50VGS
Power Conversion panel	DC power input	DDC50S-21Y-1500
Power Conversion panel	24Vdc power output	DDC20CS-20-38
Battery Storage panel	1500Vdc	DDC50S-21Y-1500
Battery Storage panel	Communication	MJ8-C6A
Control & Monitoring panel	Network switch	MJ8-C6A
Control & Monitoring panel	Energy management	DLA-24D3

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dónde encontrarnos



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