

TECHNICALLY QUALIFIED SUPPLIERS



HV DISCONNECTOR

Specifications: [TCSP-EU TSE&C-SBST-00070](#)

PLATFORM	COUNTRY	MANUFACTURER	FACTORY	MODEL
EU+BR	All	MESA	SPAIN	SG3C/SG3CT
		ALSTOM	GERMANY	S3C/S3CT
		HAPAM	HOLLAND	SSIII-AM /// ASB 123
		SIEMENS	EUROPE	3DN2
		COELME EGIC (Only in Italy)	ITALY	TCB-E

HV CIRCUIT BREAKERS

Specifications: [TCSP-EU TSE&C-SBST-00064](#)

PLATFORM	COUNTRY	MANUFACTURER	FACTORY	MODEL
EU+BR	All	ALSTOM	GERMANY	GL-F1
		ABB		LTB ---D1/B -- BLK 222
		SIEMENS		3AP1FG

HV CURRENT TRANSFORMERS

Specifications: [ESP-E-ING-SBT-00025](#)

PLATFORM	COUNTRY	MANUFACTURER	FACTORY	MODEL
EU+BR	All	ALSTOM (Only in Brazil)	BRAZIL	CTH
		ABB		PA
		SIEMENS/TRENCH		IOSK
		PIFFNER		JOE
		ARTECHE		CA

HV VOLTAGE TRANSFORMERS

Specifications: [ESP-E-ING-SBT-00026](#)

PLATFORM	COUNTRY	MANUFACTURER	FACTORY	MODEL
EU+BR	All	ALSTOM (Only in Brazil)	BRAZIL	OTEF
		ABB		EMF
		SIEMENS/TRENCH		VEOT
		PIFFNER		EGF
		ARTECHE		UTE up to 170 kV UTF for 245 kV and 420 kV

HV SURGE ARRESTERS

Specifications: [TCSP-EU TSE&C-SBST-00067](#)

PLATFORM	COUNTRY	MANUFACTURER	FACTORY	MODEL
EU+BR	ALL	ABB		PEXLM-Q-X
		TRIDELTA		HTS
		SIEMENS		3EL2-XXX-2PJ31-4DA1-Z