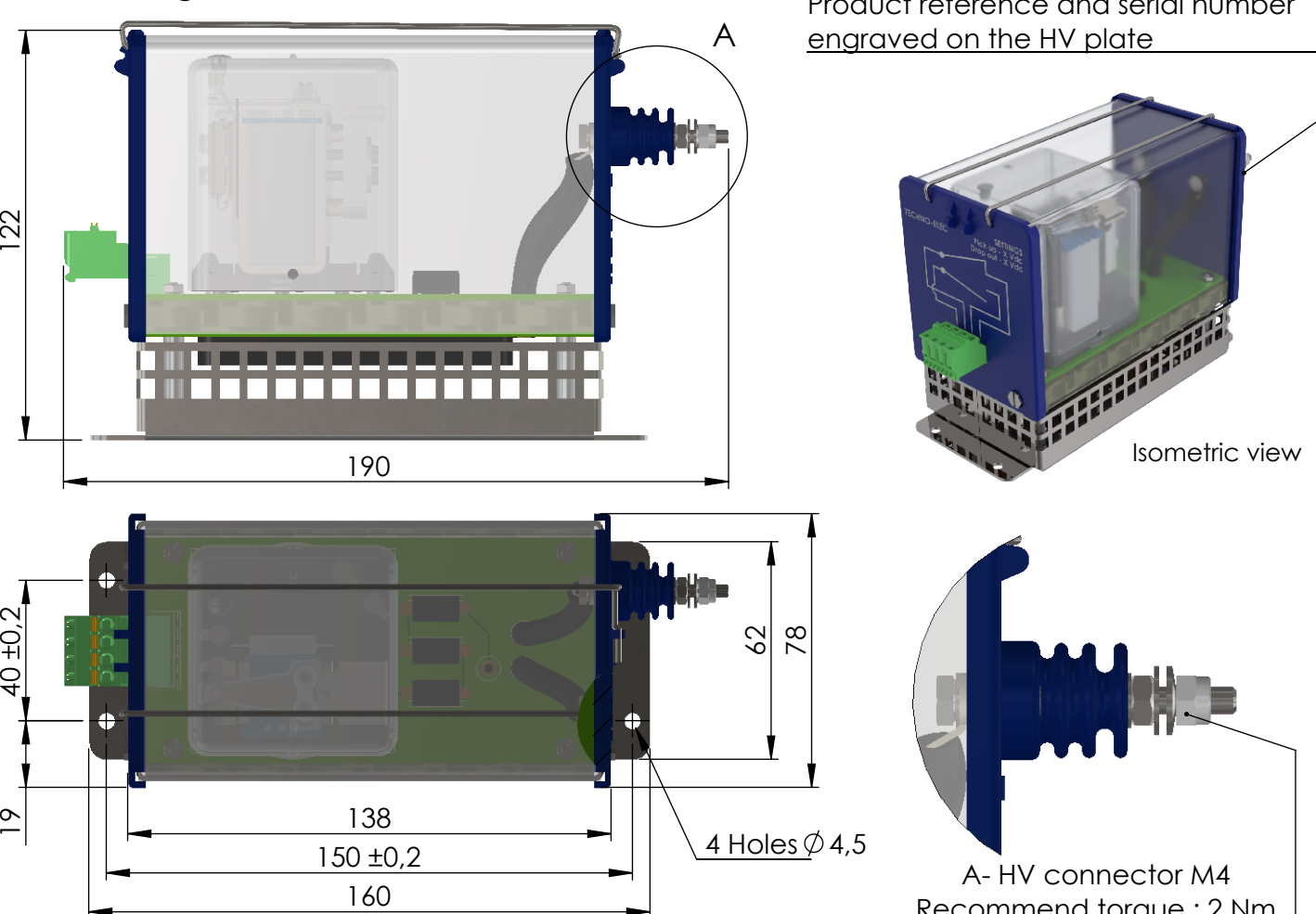


Généralités				Normes références		Caractéristiques électriques	
Presence voltage relay for 3000 Vdc substations. SC3 relay mounted on MK160 CAM housing with isolated LV connectors.				Title		Circuit primaire/ Primary circuit	
Main drawing				Standard No.		Nominal current/ Voltage : 3000 Vdc	
				Insulation coordination : EN 50123 / EN 50124-1		Max. perm. Current/ Voltage : 3600 Vdc (Acc. to EN50163)	
				Traction network supply : EN 50163		Pick up Value : 2400 Vdc Tol. : ± 5%	
				Shock and vibration : EN 61373		Drop out Value : 1600 Vdc Tol. : ± 5%	
				Salt mist : 96h/ NF EN 60068-2-11		Latching/ BP reset : No	
				Fire and smoke : EN 45545		Push button test : No	
				Main Characteristics		Timer relay : No	
				Caractéristiques principales		Power consumption : < 5.55 W at Un	
				Main		Pick up and drop out operating time From/to Un : < 20 ms	
				Type of Relay : Voltage relay		Further information	
				Type of current : DC		Informations complémentaires	
				Type of Housing : MK160		Maximum non permanent voltage < 5 min : 4000 Vdc	
				Auxiliary voltage : No		Low voltage connectors : Push-in type Phoenix contact connectors - FKCVR-2-5-4-ST/1909731.	
				Weight : 0.8 Kgs		Dielectric strength checks	
				Contacts		Essais diélectriques Kv - 50 Hz	
				Number of Contacts : 1 N/O - 1 N/C		11.5 Kv Between primary and secondary + ground	
				Contacts metallurgy : Ag/ Pd		1.5 Kv Between each contact	
				Contacts rating : 110 Vdc 0.3 A - L/R=30 ms		2.5 Kv Between secondary and ground	
				Electrical lifetime : > 10 ⁶ Operations		Operating function	
				Contact resistance : < 20 mOhms		Fonction opératoire	
				Environment		Closed	
				Operating temperature : -25°C...+70°C		Open	
				Storing temperature : -40°C...+85°C		U	
				Mounting position : Any attitude		0	
				Connections & marking		Time	
				Connections & gravage		Time	
						Primary voltage	
				+ / - : 3000 Vdc input		Vin = 2400 Vdc	
				From left to right : Ground N/O Ground N/C N/O N/C		Vout = 1600 Vdc	
						Overall resistance in HV circuit : 1.630 MΩ	
						Additional information	
				Caractéristiques Supplémentaires		Fonction(s) client : N.A.	
				N°(s) spécification : N.A.		Symbole/ Article : N.A.	
				AUTEUR: FT		DÉSIGNATION DU PRODUIT/ PRODUCT DESIGNATION:	
				Thibaud Colodie		Presence voltage relay 3000Vdc	
				DATE		Référence Fiche Technique/ Datasheet Reference:	
				25/01/2021		FT53027	
				Entreprise/ Company : TECHNO-ELEC SAS		Echelle: 1:2	
				Adresse/ Address : ZI de la castine, rue des sapins 54730 - GORCY - FRANCE		Feuille 1 sur 1	
				Marque déposée/ Brand name : TECHNO-ELEC - SERVO CONTACT		This drawing is the property of TECHNO-ELEC; it can't be reproduced or communicated without our written agreement.	
				Logo: LR TECHNO-ELEC			