

Généralités				Reference standard		Electrical Characteristics	
Generality				Normes références		Caractéristiques électriques	
Presence voltage relay for 1500 Vdc substations. SC3 relay mounted on MK160 housing with isolated LV connectors.				Entitled		Circuit primaire/ Primary circuit	
<b>Main drawing</b> 				Electrical equipment : EN 50123/ EN 50124-1 Traction network supply : EN 50163 Shock and vibration : EN 61373 Salt mist : 96h/ NF EN 60068-2-11 Fire and smoke : EN 45545		Nominal current/ Voltage : 1500 Vdc Max. perm. Current/ Voltage : 1800 Vdc Pick up Value : 950 Vdc Tol. : ± 5% Drop out Value : 700 Vdc Tol. : ± 5% Latching/ BP reset : No Push button test : No Timer relay : No	
				<b>Main Characteristics</b> <i>Caractéristiques principales</i> <b>Main</b> Type of Relay : Voltage relay Type of current : DC Type of Housing : MK160 Auxiliary voltage : No Weight : 0.6 Kg		<b>Further information</b> <i>Informations complémentaires</i> Low voltage connectors : Push-in type Phoenix contact connectors - FKCVR-2-5-4-ST/1909731	
<b>Electrical drawing</b> 				<b>Contacts</b> Number of Contacts : 1 N/O - 1 N/C Contacts metalurgy : Ag/ Pd Contacts rating : 90 VDC - 0.3 A - L/R=30 ms Electrical lifetime : > 10 <sup>6</sup> Operations Contact resistance : < 20 mOhms		<b>Dielectric strength checks</b> <i>Essais diélectriques</i> 10 Kv Between primary and secondary + earth 1.5 Kv Between each contact 2.5 Kv Between contacts and earth	
				<b>Environment</b> Operating temperature : -25°C...+70°C Storing temperature : -40°C...+85°C Mounting position : Any attitude		<b>Operating function</b> <i>Fonction opératoire</i> 	
<b>Connections &amp; marking</b> 				<b>Connections &amp; gravage</b> From left to right : - Ground N/O - Ground N/C - N/O - N/C Product reference at the top of the LV plate.		<b>Additional information</b>	
				<b>Caractéristiques Supplémentaires</b> Fonction(s) client : N.A.      N°(s) spécification : N.A.      Symbole/ Article : N.A.		Références supplémentaires :	
AUTEUR FT: Thibaud Colodie      DATE: 14/12/2020      Entreprise/ Company : TECHNO-ELEC SAS Adresse/ Address : ZI de la castine, rue des sapins 54730 - GORCY - FRANCE				DÉSIGNATION DU PRODUIT/ PRODUCT DESIGNATION: Presence voltage relay 1500Vdc		RÉFÉRENCE FICHE TECHNIQUE/ DATASHEET REFERENCE: FT53025	
				Marque déposée/ Brand name : TECHNO-ELEC - SERVO CONTACT		FEUILLE 1 SUR 1	
This drawing is the property of TECHNO-ELEC; It can't be reproduced or communicated without our written agreement.				ECHELLE:1:2		FEUILLE 1 SUR 1	

REVISION	DESCRIPTION	DATE	APPROVED BY
A	Issue of initial specification	21/12/2020	Thibaud Colodie
REVISIONS			