

Généralités		Generality		Reference standard		Electrical Characteristics	
Presence voltage relay for 750 Vdc substations. SC3 relay mounted on MK160 housing with isolated LV connectors.		Normes références		Caractéristiques électriques		Circuit primaire/ Primary circuit	
<p>Main drawing</p>		<p>Entitled</p> <p>Standard</p>		<p>Nominal current/ Voltage : 750 Vdc</p> <p>Max. perm. Current/ Voltage : 900 Vdc</p> <p>Pick up Value : [400:750] Vdc Tol. : ± 5%</p> <p>Drop out Value : [30%:90%] Pick up Tol. : ± 5%</p> <p>Power consumption : < 2.75 W at Un</p> <p>Pick up and drop out operating time From/to Un : < 20 ms</p>			
<p>Electrical drawing</p>		<p>Main Characteristics</p> <p>Caractéristiques principales</p> <p><i>Main</i></p> <p>Type of Relay : Voltage relay</p> <p>Type of current : DC</p> <p>Type of Housing : MK160</p> <p>Auxiliary voltage : No</p> <p>Weight : 0.6 Kg</p> <p><i>Contacts</i></p> <p>Number of Contacts : 1 N/O - 1 N/C</p> <p>Contacts metalurgy : Ag/ Pd</p> <p>Contacts rating : 90 VDC - 0.3 A - L/R=30 ms</p> <p>Electrical lifetime : > 10⁶ Operations</p> <p>Contact resistance : < 20 mOhms</p> <p><i>Environment</i></p> <p>Operating temperature : -25°C...+70°C</p> <p>Storing temperature : -40°C...+85°C</p> <p>Mounting position : Any attitude</p>		<p>Further information</p> <p>Informations complémentaires</p> <p>Without specification when ordering, the relay will be set to the following values:</p> <p>Pick up : 500 Vdc</p> <p>Drop out : 450 Vdc</p> <p>Low voltage connectors : Push-in type Phoenix contact ref. FKCVR-2-5-4-ST / 1909731</p> <p>Dielectric strength checks</p> <p>Essais diélectriques Kv - 50 Hz</p> <p>10 Kv Between primary and secondary + earth</p> <p>1.5 Kv Between each contact</p> <p>2.5 Kv Between contacts and earth</p> <p>Operating function</p> <p>Fonction opératoire</p>			
		<p>Connections & marking</p> <p>Connections & gravage</p> <p>From left to right :</p> <ul style="list-style-type: none"> - Ground N/O - Ground N/C - N/O - N/C <p>Serial number at the top of the LV plate.</p>		<p>Additional information</p> <p>Caractéristiques Supplémentaires</p> <p>Fonction(s) client : N.A. N°(s) spécification : N.A. Symbole/ Article : N.A.</p>			
		<p>NOM</p> <p>DATE</p> <p>Entreprise/ Company : TECHNO-ELEC SAS</p> <p>Adresse/ Address : ZI de la castine, rue des sapins 54730 - GORCY - FRANCE</p> <p>DÉSIGNATION DU PRODUIT/ PRODUCT DESIGNATION:</p> <p>Presence voltage relay 750Vdc</p>		<p>RÉFÉRENCE FICHE TECHNIQUE/ DATASHEET REFERENCE:</p> <p>FT53026</p>			
		<p>AUTEUR. FT</p> <p>Thibaud Colodie</p> <p>11/01/2021</p>		<p>Marque déposée/ Brand name : TECHNO-ELEC - SERVO CONTACT</p> <p>RÉFÉRENCE FICHE TECHNIQUE/ DATASHEET REFERENCE:</p> <p>FT53026</p>		<p>ECHELLE:1:2</p> <p>FEUILLE 1 SUR 1</p>	
		<p>B</p> <p>Setting ranges for Pick up and drop out values added</p> <p>02/12/2021</p> <p>Frederic Forli</p>		<p>A</p> <p>Issue of technical specification</p> <p>11/01/2021</p> <p>Thibaud Colodie</p>		<p>REVISION</p> <p>DESCRIPTION</p> <p>DATE</p> <p>APPROVED BY</p>	
				<p>This drawing is the property of TECHNO-ELEC; It can't be reproduced or communicated without our written agreement.</p>			