

Généralités				Generality		Reference standard		Electrical Characteristics	
Differential PM relay mounted on 35x5 busbars with a test coil, to apply the function QDI.				Normes références		Entitled		Caractéristiques électriques	
Main drawing				Electrical equipment :		Standard		Circuit primaire/ Primary circuit	
				NF EN 60077/ IEC 60077 NF EN 50163 NF EN 61373 96h/ NF EN 60068-2-11 EN 45545		Nominal current/ Voltage : 600 Adc Max. perm. Current/ Voltage : 875 Adc Pick up Value : $\Delta$ [50:70] Adc Tolerances : $\pm 10\%$ Drop out Value : [40:75]% pick up value Tolerances : N.A. Latching/ BP reset : No Push button test : No Response time for inrush current 80 Adc : $\leq 20$ ms			
				Type of Relay : Differential relay Type of current : DC Type of Housing : DIFF Auxiliary voltage : No Weight : 1.59Kg		Main Characteristics		Further information	
Double fastons 6.35 4 holes $\varnothing 13$				Number of Contacts : 1 N/O - 1 N/C Contacts metalurgy : Ag/ Pd Contacts rating : 110 VDC - 0.3 A - L/R=30 ms Electrical lifetime : $> 10^6$ Operations Contact resistance : $< 20$ mOhms		Informations complémentaires		Pick up value is adjustable by micrometric screw. By default pick up value is set to 50 Adc. This relay have a test coil with nominal voltage of 24 Vdc and a pick up value $\leq 16.8$ Vdc. FT52471-1 mark modification of Busbar diameter to 18mm. Maximum short time current allowed : (T°C ambient = 40°C) For 100 ms : 50 kA   For 200 ms : 35 kA   For 400 ms : 25 kA   For 500 ms : 23 kA	
Operating temperature : $-50^{\circ}\text{C} \dots +70^{\circ}\text{C}$ Storing temperature : $-50^{\circ}\text{C} \dots +85^{\circ}\text{C}$ Mounting position : Any attitude				Environment		Dielectric strength checks		Essais diélectriques Kv - 50 Hz	
Connections & marking				Connections & gravage		Fonction opératoire		Operating function	
3 : N/O 4 : Ground N/O 1 : Ground N/C 2 : N/C TEST : Test coil unpolarized Product reference and serial number put on the top plate of the housing.								Additional information	
Fonction(s) client : QDI				N°(s) spécification : 4 RDSPG 074 A		Symbole/ Article : N.A.			
NOM : Samuel Hadiouche DATE : 09/07/2019 AUTEUR. FT :				Entreprise/ Company : TECHNO-ELEC SAS Adresse/ Address : ZI de la castine, rue des sapins 54730 - GORCY - FRANCE		DÉSIGNATION DU PRODUIT/ PRODUCT DESIGNATION : Differential relay			
Marque déposée/ Brand name : TECHNO-ELEC - SERVO CONTACT				RÉFÉRENCE FICHE TECHNIQUE/ DATASHEET REFERENCE : FT52471		ECHELLE:1:2		FEUILLE 1 SUR 1	
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REVISIONS DESCRIPTION DATE APPROVED BY									