

Generalities				Reference standard		Electrical Characteristics			
Généralités				Normes références		Caractéristiques électriques			
Differential PM relay mounted on 35x5 busbars with a test coil, to apply the function QDI.				Title		Standard No.			
Main drawing				Electrical equipment : Traction network supply : Shock and vibration : Salt mist : Fire and smoke :		NF EN 60077/ IEC 60077 NF EN 50163 NF EN 61373 96h/ NF EN 60068-2-11 EN 45545			
				Main Characteristics		Further information			
				Caractéristiques principales		Informations complémentaires			
Electrical drawing				Main		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 ≤ 16.8 Vdc. FT52471-1 mark modification of Busbar diameter to 18mm.			
				Type of Relay : Type of current : Type of Housing : Auxiliary voltage : Weight :		Differential relay DC DIFF No 1.59Kg			
				Contacts		Number of Contacts : Contacts metallurgy : Contacts rating : Electrical lifetime : Contact resistance :			
				Environment		Dielectric strength checks			
				Operating temperature : Storing temperature : Mounting position :		Essais diélectriques			
				-50°C...+70°C -50°C...+85°C Any attitude		12 Kv Between primary and secondary 1.5 Kv Between each contact 12 Kv Between busbar A and busbar B 1.5 Kv Between contacts and test coil			
				Connections & marking		Operating function			
				Connections & gravage		Fonction opératoire			
				3 : N/O 4 : Ground N/O 1 : Ground N/C 2 : N/C TEST : Test coil unpolarized Product reference and serial number engraved on the top plate of the housing.					
				Caractéristiques Supplémentaires		Additional information			
				Fonction(s) client : QDI		N°(s) spécification : 4 RDSPG 074 A Symbole/ Article : N.A.			
		NOM	DATE	Entreprise/ Company : TECHNO-ELEC SAS Adresse/ Address : ZI de la castine, rue des sapins 54730 - GORCY - FRANCE		DÉSIGNATION DU PRODUIT/ PRODUCT DESIGNATION:			
AUTEUR. FT		Samuel Hadiouche	09/07/2019			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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A	Creation of technical specification (new format)	17/12/2019	Thibaud Colodie						
REVISION	DESCRIPTION	DATE	APPROVED BY						
REVISIONS									