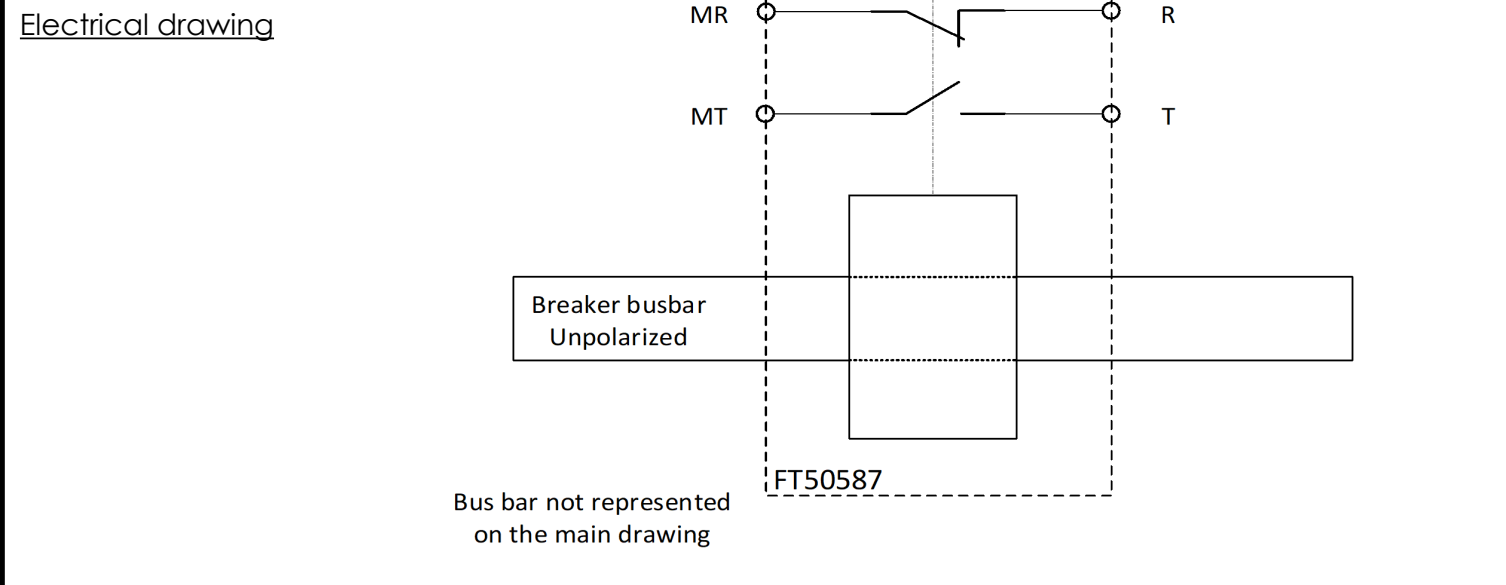
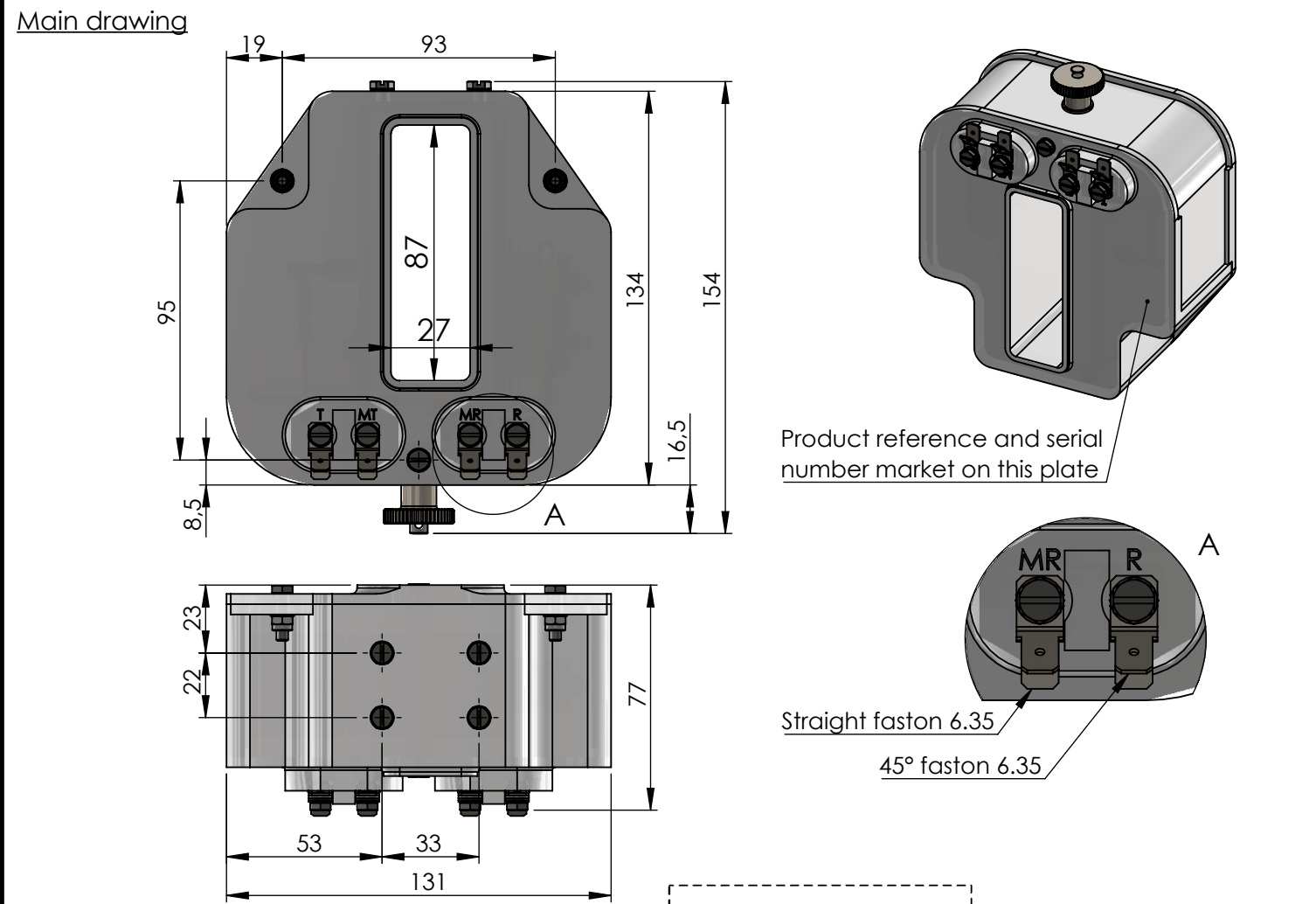


Généralités
 GMH current relay for the Q / DJ function. Application for: locomotive BB 25176 to 195, BB 7200, BB 22200, BB 1700, BB 10003, BB 36000; TGV-PSE; Rame Inter-connections Z2N; Z 7300; Z 9500; TAV RENFE.



Generality

Normes références	
Entitled	Standard
Electrical equipment :	NF EN 60077/ IEC 60077
Traction network supply :	NF EN 50163
Shock and vibration :	NF EN 61373
Salt mist :	96h/ NF EN 60068-2-11
Fire and smoke :	N.A.

Reference standard

Caractéristiques électriques	
Circuit primaire/ Primary circuit	
Rep 101 : Locos BB 7200-BB 22000	Rep 107 : BB10003 proto
Nominal current : 5000 Adc	Nominal current : 5000 Adc
Pick up Value : 8000 Adc +800 +0	Pick up Value : 6500 Adc ±320
Drop out Value : Power off	Drop out Value : Power off
Rep 102 : Locos BB 25176 à 25195	Rep 108 : TAV RENFE
Nominal current : 3000 Adc	Nominal current : /
Pick up Value : 5000 Adc +500 +0	Pick up Value : 4500 Adc +200 +0
Drop out Value : Power off	Drop out Value : Power off

Main Characteristics

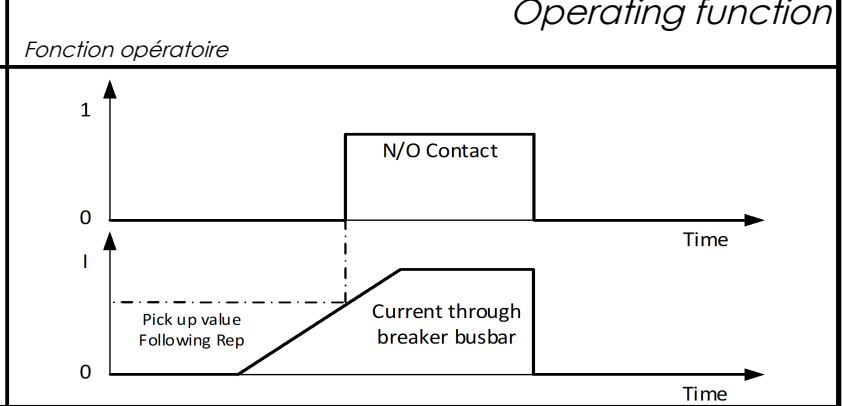
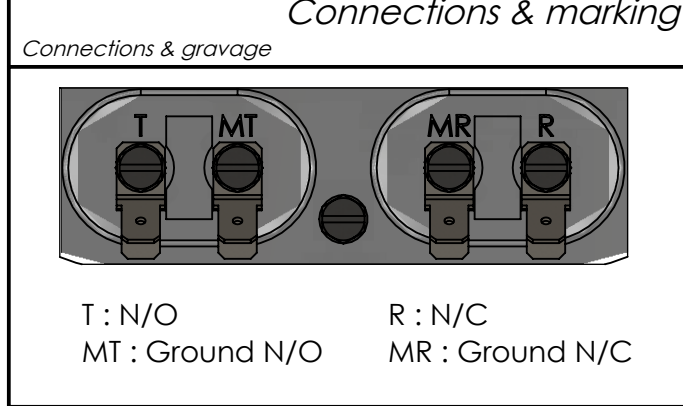
Caractéristiques principales	
Main	
Type of Relay :	Current relay
Type of current :	DC
Type of Housing :	Other specific
Auxiliary voltage :	No
Weight :	0.77 Kgs
Contacts	
Number of Contacts :	1 N/O - 1 N/C
Contacts metalurgy :	Ag/ Pd
Contacts rating :	90 VDC - 0.3 A - L/R=30 ms
Electrical lifetime :	> 10 ⁶ Operations
Contact resistance :	< 20 mOhms
Environment	
Operating temperature :	-25°C...+70°C
Storing temperature :	-40°C...+85°C
Mounting position :	Any attitude

Electrical Characteristics

Rep 103 : TGV PSE	Rep 109 : BB 36000 HRKS 3kV
Nominal current : 2000 Adc	Nominal current : /
Pick up Value : 2625 Adc ±125	Pick up Value : 1800 Adc ±100
Drop out Value : Power off	Drop out Value : Power off
Rep 104 : Interconnexion Z2N	Rep 110 : T.M.S.G HRKS 1.5kV
Nominal current : /	Nominal current : /
Pick up Value : 2200 Adc +200 +0	Pick up Value : 3500 Adc ±150
Drop out Value : Power off	Drop out Value : Power off
Rep 105 : Automoteur Z7300 Z9500	Rep 111 : BB36000 HRKS 3kV
Nominal current : /	Nominal current : /
Pick up Value : 1600 Adc +200 +0	Pick up Value : 10000 Adc ±1000
Drop out Value : Power off	Drop out Value : Power off
Rep 106 : SOLAC BB1700	Rep 112 : BB36000 2eme marché
Nominal current : /	Nominal current : /
Pick up Value : 8000 Adc +800 +0	Pick up Value : 3500 Adc ±400
Drop out Value : Power off	Drop out Value : Power off

Dielectric strength checks

Essais diélectriques		Kv - 50 Hz
10 Kv	Between DJ Busbar and contact	
1.5 Kv	Between each contact	



Additional information

Caractéristiques Supplémentaires	
Fonction(s) client : Q/DJ	N°(s) spécification : N.A.
Symbole SNCF : 0.823.2356	

W	Modification N°00797	27/05/1999	
REVISION	DESCRIPTION	DATE	APPROVED BY
	21602	Drawing type	N° SNCF
	10-5009-172	Outline drawing	10-5008-470
		N° MANUFACTURER	JS 3-601094

TECHNO-ELEC

Entreprise/ Company : TECHNO-ELEC SAS
 Adresse/ Address : ZI de la castine, rue des sapins 54730 - GORCY - FRANCE

DÉSIGNATION DU PRODUIT/ PRODUCT DESIGNATION: **Maximum direct current relay for circuit breaker overload**

Marque déposée/ Brand name : TECHNO-ELEC - SERVO CONTACT

RÉFÉRENCE FICHE TECHNIQUE/ DATASHEET REFERENCE: **FT50587**

ECHELLE:1:2 FEUILLE 1 SUR 1

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