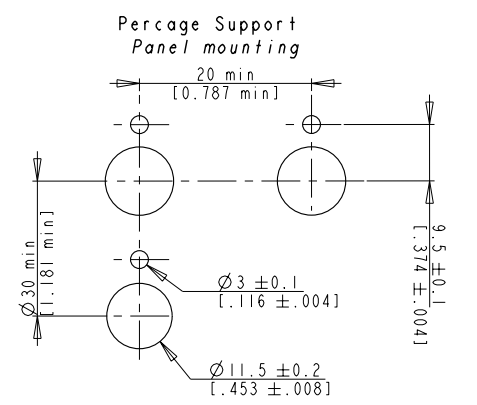


ECHELLE 1/1

Couple de serrage/Tightening torque :

Ecrou canon/Threaded Barrel :
Recommande/Recommended : 4,0 +-0,25 N.m (5,0 N.m max)

Vis de connection/terminal screw :
Recommande/Recommended : 1,6 +-0,1 N.m (2,0 N.m max)



B	Modified by F_VILLE 08/06/2015	
	Verified by D_MEUX 08/06/2015	
Authorized by F_SALA 16/10/2017		
Toler. gene. lin ± 0.2 mm		<p>This document is the property of Crouzet-Automatismes. It's contents cannot be reproduced or divulged without the company's written approval. The product data and specifications found on this document do not constitute any contractual obligation. Crouzet-Automatismes and its subsidiaries reserve the right to modify the specifications. All rights of reproduction, modification, reprinting, and translation reserved for all countries</p>
Toler. gene. Ang ± 3 degrees		
CROUZET	General Raw surface Ra ✓	Scale 3/2
2. rue du Dr ABEL BP 59. 26902. Valence CEDEX 9 France	Customer: Designation/FR: DISJONCTEUR THERMIQUE UNIPOLAIRE PUSH PULL MS3320 HAUTE VIB Designation/GB: SINGLE POLE THERMAL CIRCUIT BREAKER PUSH PULL MS3320 HIGH VIB	Customer Ref.: PFT001:<C>;<M>
Request: C.CT.DEF.01759.FR	Design by F_VILLE 13/11/2014 Verif. by D_MEUX 13/11/2014	Department CT
NATO code: FA0X2	Authorized by	Index B Format A3 Folio 1/2
DATA SHEET		
FT844002_001FR		

Caracteristiques suivant / Features according to : AS33201 and MS3320

- Masse / Weight : 20g max
- Tension d'utilisation / Operating voltage : 28VDC - 115VAC 360-900Hz
- Temperature d'utilisation / Operational temperature limits : - 55 °C - +121 °C
- Endurance electromecanique / Electromechanical endurance : 5000 cycles a vide + 2500 cycles en charge (resistif-inductif cosfi 0.7)
5000 without a load + 2500 cycles loaded (resistive-inductive power factor 0.7)
- Vibration sinus / Sinusoidale vibration : 15 g-PK condition B suivant MIL STD-202 methode 204D
15 g-PK condition B according to MIL STD-202 method 204D
- Vibration aléatoire / Random vibration : 16.9l Grms condition E suivant MIL STD-202 methode 214A
16.9l Grms condition E according to MIL STD-202 method 214A
- Choc mecanique / Mechanical shock : 75 g 6msec 3 demi-sinusoidale 6 directions
75 g 6msec 3 half-sine 6 directions
- Corrosion / Corrosion : 48 heures brouillard salin
Salt spray 48 hours
- Pouvoir de coupure / Breaking capacity : 2000A RMS @ 115V-400Hz *voir note 1
6000A @ 28VDC *see note 1
- Chute de tension / Voltage drop

Calibre Rating	Volts
1A	1.10V max
2A	0.5V max
2 1/2A	0.6V max
3A	0.35V max
5A	0.25V max
7 1/2A	0.20V max
10A	0.20V max
15A	0.15V max
20A	0.15V max
25A	0.15V max
30A	0.15V max



- Reference Produit / Product reference

Calibre Rating	Reference produit / Product reference
1A	84-400-248
2A	84-400-249
2.5A	84-400-250
3A	84-400-251
5A	84-400-252
7.5A	84-400-253
10A	84-400-254
15A	84-400-255
20A	84-400-256
25A	84-400-257
30A	84-400-258

Marquage produit / Marking product :

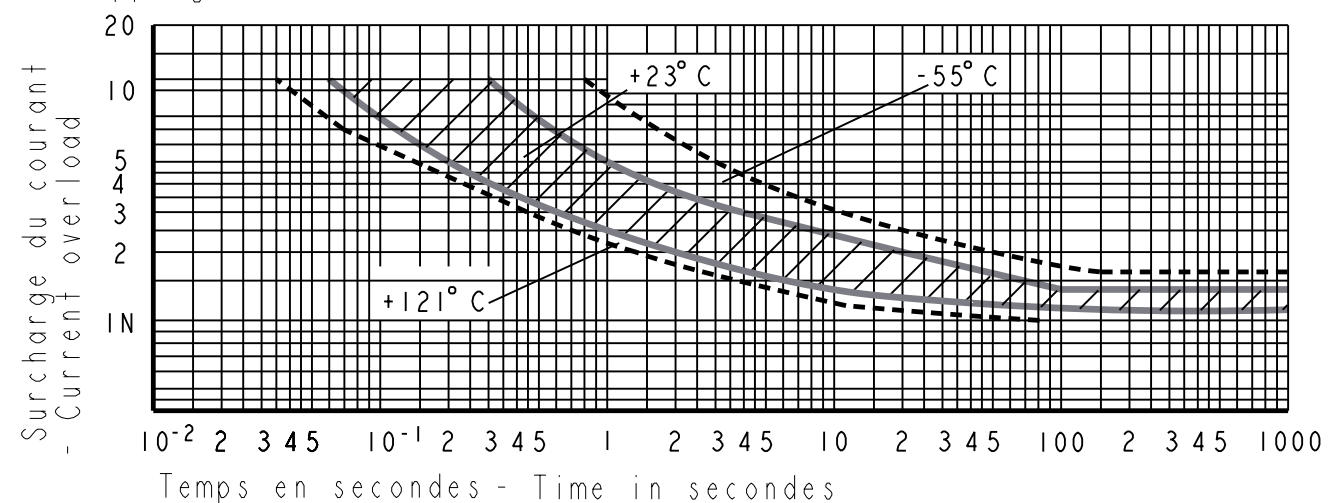
Reference -----> 84400251-3A
 Norme / Standard -----> MS3320-E3V
 Amendement / Amendment -----> AMDt:A

Date -----> YY-WW
 YY : Annee / Year (2 digits)
 WW : Semaine / Week (2 digits)

- Seuils et temps de declenchement :
 Thresholds and tripping time

Calibre rating	Temperature	Seuils declenchement non declenchement %In Trip and no trip thresholds %In		Temps de declenchement en seconde Tripping times in seconde		
		Declenchement Trip	Non declenchement Non trip	200 %In	500 %In	1000 %In
1A => 30A	- 55°C	160	115	35 max	2 max	0.4 max
1A => 30A	23 °C	138	115	1.5-40	0.15-3	0.035-0.8
1A => 25A	121 °C	138	100	1.5 min	0.2 min	0.04 min
30A	90°C	140	90	2 min	0.2 min	0.05 min

-Tripping curve



Documents associes / Associated documents	
Plan de marquage / Marking drawing	MA844002_001FR
Plan d'ensemble / Assembly drawing	EN844002_001FR

* Note 1 :
 Pour le calibre 30A, lors du test a 2000A et 6000A, l'ouverture permanente du disjoncteur (sans eclatement, de flammes ou fumees epaisses) est autorisee.
 For rating 30A, during the test at 2000A and 6000A, the permanent opening of the circuit breaker (without bursting, flames or thick smokes) is allowed

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	Toler. gene. Ang ± 3 degrees			Verified by	D_MEUX	08/06/2015
General Raw surface Ra ✓		Customer: 2, rue du Dr ABEL BP 59, 26902, Valence CEDEX 9 France		Customer Ref.:		
Request:		Designation/FR: DISJONCTEUR THERMIQUE UNIPOLAIRE PUSH PULL MS3320 HAUTE VIB Designation/GB: SINGLE POLE THERMAL CIRCUIT BREAKER PUSH PULL MS3320 HIGH VIB		PFT001:<C>;<M> Department CT		
C.CT.DEF.01759.FR		Designed by F_VILLE 13/11/2014 Verified by D_MEUX 13/11/2014		Index Format Folio B A3 2/2		
NATO code: FA0X2		Authorized by		DATA SHEET FT844002_001FR		