

PUSH-PUSH & FLYING LEADS VERSION

SINGLE POLE SMALL MODEL CIRCUIT BREAKER

Read also p. 48



REFERENCES

Rating	Faston	Flying leads
1 A	84 405 001	
1.5 A		84 405 040
2 A	84 405 002	
2.5 A	84 405 012	
3 A	84 405 003	
5 A	84 405 005	84 405 045
7.5 A	84 405 007	
10 A	84 405 010	
15 A	84 405 015	
20 A	84 405 020	
25 A	84 405 025	

Mounting hardware

	Faston terminal	Barrel nut M12-100 + 500mm flying leads
White	•	•

Button color

White	•	•
-------	---	---

Conformity standard

Air 6 625-403	•	•
GAM TI-II-40	•	•
EN 3773-3774*	•	•

* our equipment complies with EN standards

Mass / MTBF / Technical file

Weight	< 15	< 25
MTBF FH (Typical)	> 3.6 M	> 3.6 M
Technical file		SP 4397 & SP 9925

GENERAL CHARACTERISTICS

Electrical	28 VDC	115 VAC (400 Hz)	115 VAC 60 Hz-230 VAC 50 Hz
Breaking current 1CO + 2OCO	3000 A	1500 A	
Dielectric	1500 V	1500 V	
Endurance cycles	5000	5000	
Insulation resistance	above 100 MΩ	above 100 MΩ	CONTACT Crouzet
Working life (endurance) at 5° RC	1000 cycles	1000 cycles	
Auxiliary contact current	0.1..0.2 A	0.1..0.2 A	
Voltage drop compliance	EN2495/2995/MS3320/AS33201	EN2495/2995/MS3320/AS33201	

Mechanical

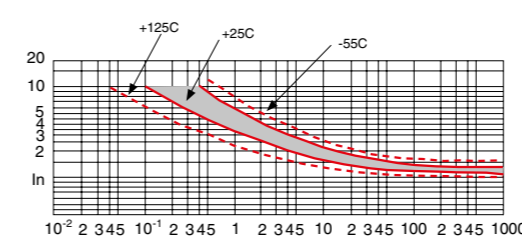
Operating force		
Endurance	no load	40 000 cycles
	on resistive load	40 000 cycles
Tightening torque (barrel nut)	recommended: 4 N.m ; Max.: 5 N.m	
Tightening torque (terminal screw)	1.7 N.m ±0.1	

Environmental

Salt spray	48h	5% NaCl
Humidity: Test b	RTCA DO160	10 cycles
Operating temperature	-60°C +125°C	
Acceleration	up to 20 g	
Shock	up to 50 g (11 ms)	
Vibration (sinusoidal)		10 g-PK from 10 to 2000 Hz
Vibration (random at RC)		up to 9.26 Grms from 10 to 2000 Hz

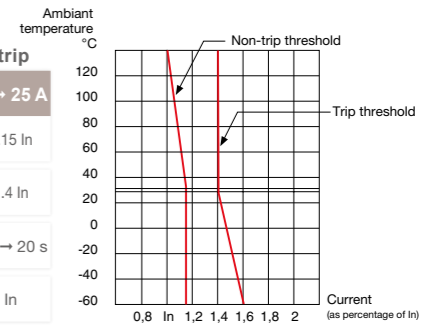
CURVES

Trip times envelope for temperature from -55°C to 125°C (direct overload)

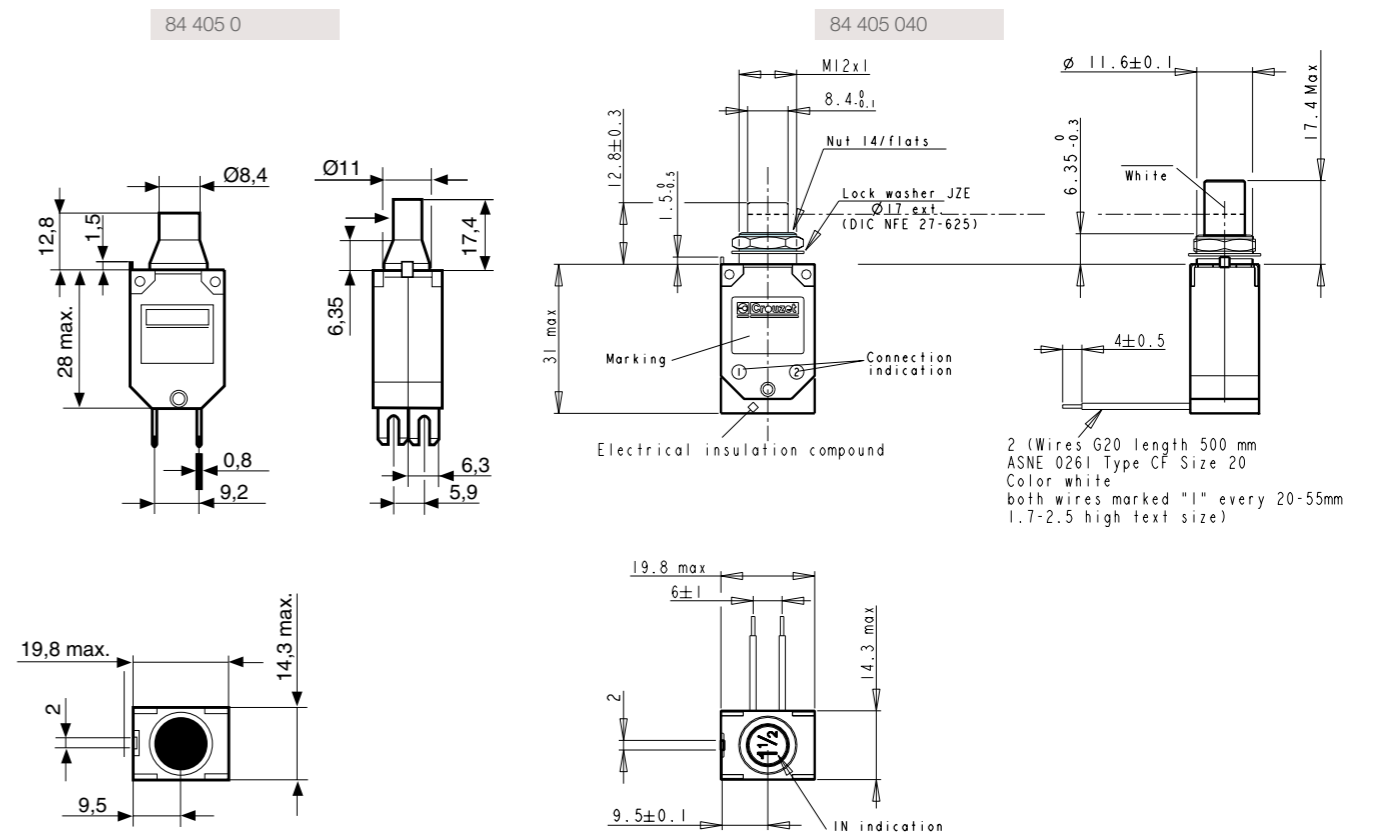


Maximum and minimum limit of ultimate trip

Rating	1 → 3 A	5 → 25 A	5 → 25 A
Non tripping point at 25°C	1.15 In	1.15 In	1.15 In
Tripping point at 25°C	1.4 In	1.4 In	1.4 In
Tripping time at 2° RC	2 s → 15 s	4 s → 16 s	6 s → 20 s
Non tripping point at 125°C	In	In	In

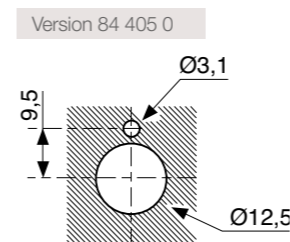


DIMENSIONS



PANEL CUTOUT RECOMMENDATION

Thickness 1.6 mm → 3 mm



Version 84 405 04X

