

Disc brakes

Technical data and dimensions

Electrical power supply AS100-50 CA

Compact power supply operating on alternating single or two-phase mains.
For disc brakes Stromag France
With 50 V coil.
type : OSA - OOSA
Steel case

Electrical Data :
Single or two-phase mains AC
230 to 500V AC \pm 10% 50/60Hz

Options:

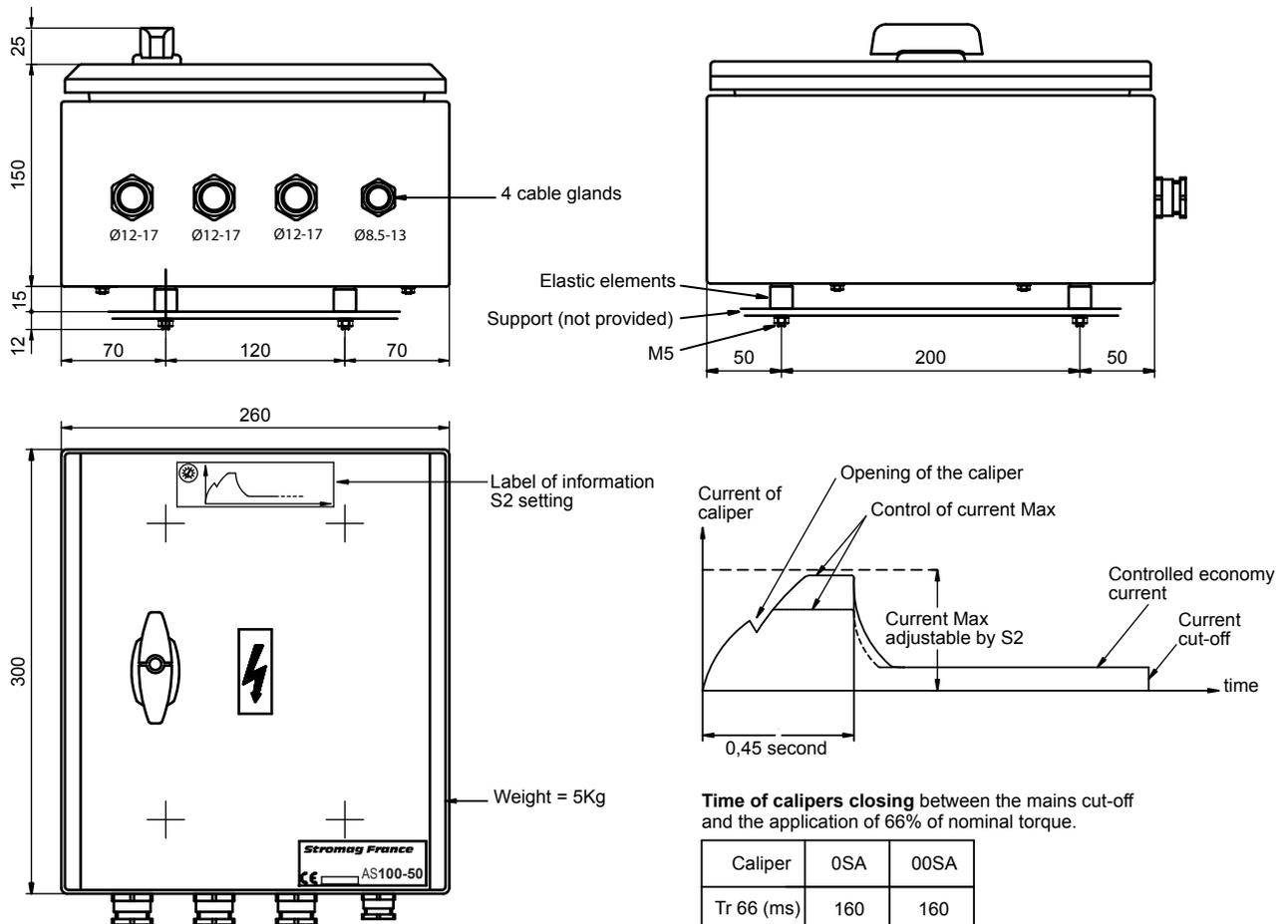
- Closure delay of the caliper
- Disengageable closure delay of the caliper (cannot be combined with anti-condensation)
- Anti-condensation kit
- Steel case IP66 IK08

Operating Conditions:

- Casing protection standard IP66 IK10
- Ambient temperature : -20°C to +60°C

EC marking of conformity :

- 2006/95/CE directive Low Voltage (standard EN60204-1)
- 2004/108/CE directive EMC (standards EN61000-6-2 and EN61000-6-4)



Time of calipers closing between the mains cut-off and the application of 66% of nominal torque.

Caliper	OSA	00SA
Tr 66 (ms)	160	160

Due to continuous development and improvement, all dimensions and characteristics are subject to change without notice.

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ELECTRICAL DANGER : THIS PRODUCT IS NOT INSULATED

Control and power electronic of power supply is not insulated and is under mains voltage. The power supply must be installed by qualified personnel, used to handle this equipment type and aware of risks inherent in their utilization.

Caliper		OSA	OSA	OOSA
Maximum number of calipers		1	2	1
Resistance at 20°C per electromagnet Ω		1,01	1,01	1,01
Maximum number of actuations per hour and ambient temperature θ	$\theta \leq 60^\circ\text{C}$	100	100	100
Mains current absorbed	Max A	28	36	36
	Economy A	3,5	3,6	3,6
Maximum connecting cable return resistance between caliper and supply unit Ω		3,5	1	1
Maximum connecting cable length (caliper-input) according to the cable section	2,5 mm ² m	170	50	50
	4 mm ² m	275	80	80
	6 mm ² m	415	120	120
	10 mm ² m	715	205	205
Protection to be provided in head of control contactor on mains input	Fuse aM A	6	8	8
	Circuit-breaker curve C A	16	16	16

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Technical data and dimensions

Electrical power supply AS100-50 CP

Compact power supply operating on alternating single or two-phase mains.
For disc brakes Stromag France
With 50 V coil.
type : OSA - OOSA
Polycarbonate case

Electrical Data :
Single or two-phase mains AC
230 to 500V AC ± 10% 50/60Hz

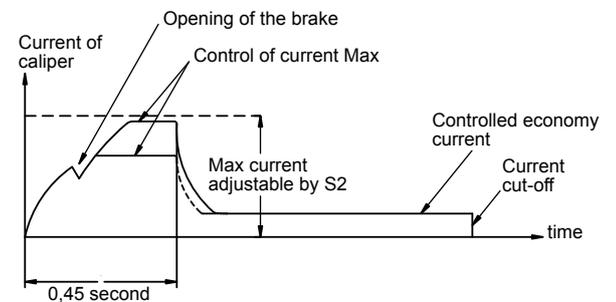
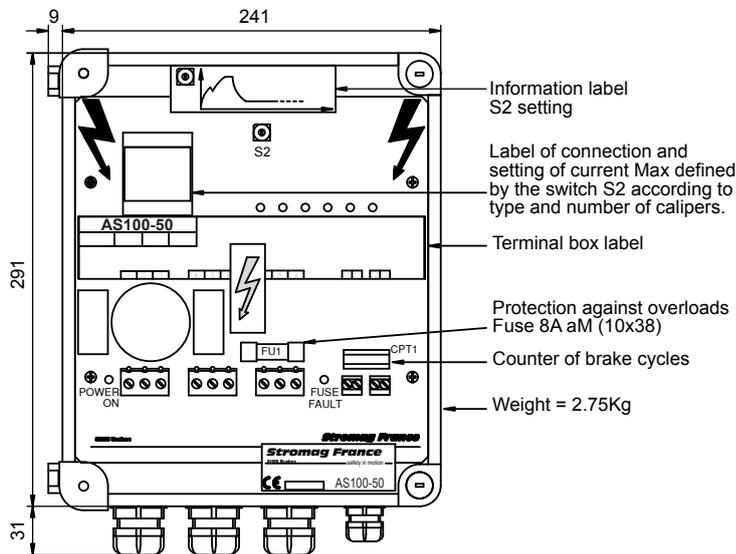
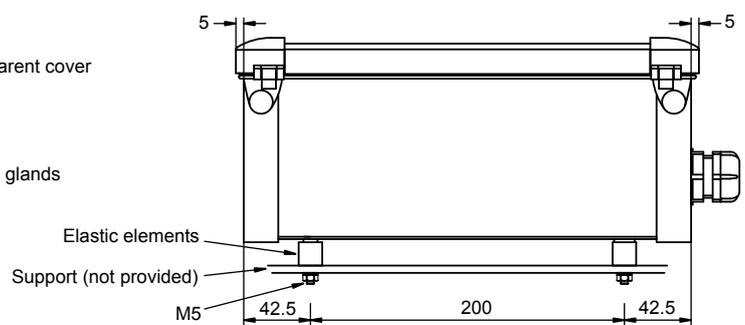
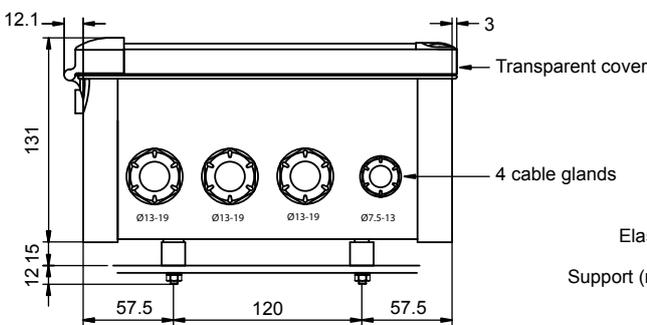
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- 2004/108/CE directive EMC (standards EN61000-6-2 and EN61000-6-4)

Options:

- Closure delay of the caliper
- Disengageable closure delay of the caliper (cannot be combined with anti-condensation)
- Anti-condensation kit
- Steel case IP66 IK10

Operating Conditions:

- Casing protection standard IP66 IK08
- Ambient temperature : -20°C to +60°C



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