

Disc brakes

Technical data and dimensions

Electrical power supply AC32-50 CP 700V

Compact power supply operating on alternating two-phase mains.
 For disc brakes Stromag France
 With 50 V coil.
 type : 4CA - 3WD - 3CA - 2CA
 Polycarbonate case

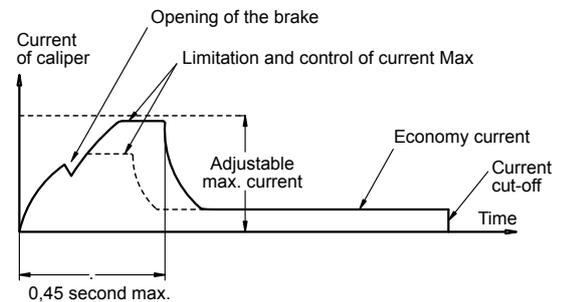
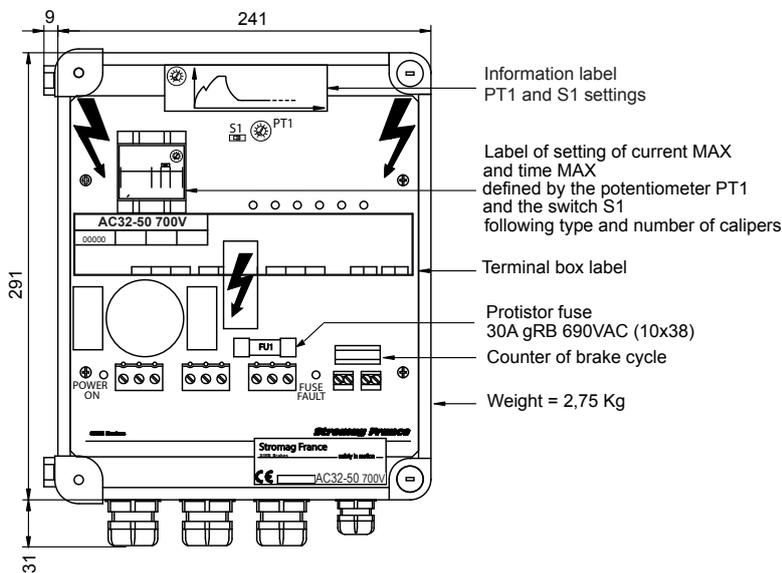
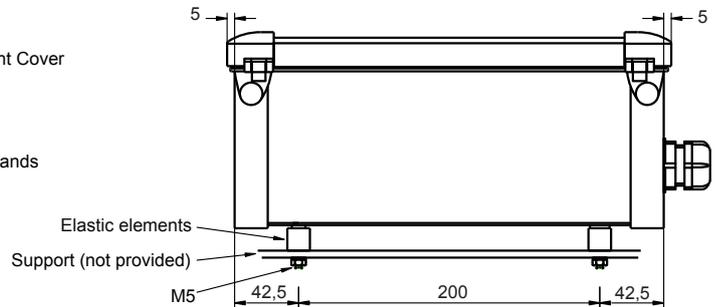
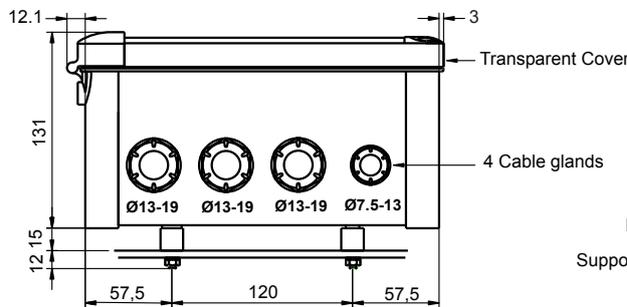
Electrical Data :
 Two-phase mains AC
 525 to 690V AC \pm 10% 50/60Hz

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)

- 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



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

Caliper	4CA	3WD	3CA	2CA
Tr 66 (ms)	200	200	265	190

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		4CA	3WD	3CA	2CA	2CA + 20%
Maximum number of calipers		2	1	1	1	
Resistance at 20°C per caliper (Ω)		3.08	1.63	1.01	0.75	
Maximum number of actuations per hour and ambient temperature θ	θ ≤ 40°C	1000	60	1000	1000	600
	40°C < θ ≤ 60°C	600	60	600	600	300
Mains current absorbed per caliper	Max (A)	9	16	20	28.2	
	Economy (A)	1	1.5	2	3.3	
Maximum connecting cable return resistance between caliper and supply unit (Ω)		1	0.75	1	0.5	
Maximum connecting cable length (caliper-input) according to the cable section	2,5mm ² (m)	50	35	50	25	
	4mm ² (m)	80	60	80	40	
	6mm ² (m)	120	90	120	60	
	10mm ² (m)	205	155	205	100	
Protection to be provided in head of control contactor on mains input	Fuse aM (A)	6	4	6	8	
	Circuit-breaker curve C (A)	8	6	10	12	

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Compact power supply operating on alternating single or two-phase mains.
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With 50 V coil.
type : 4CA - 3WD - 3CA - 2CA
Polycarbonate case

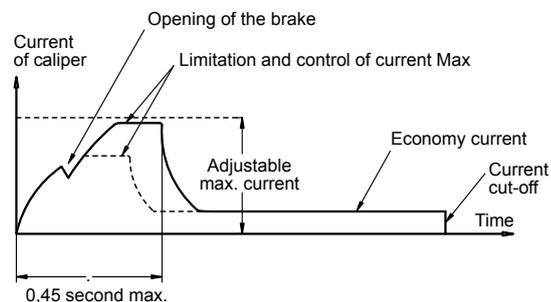
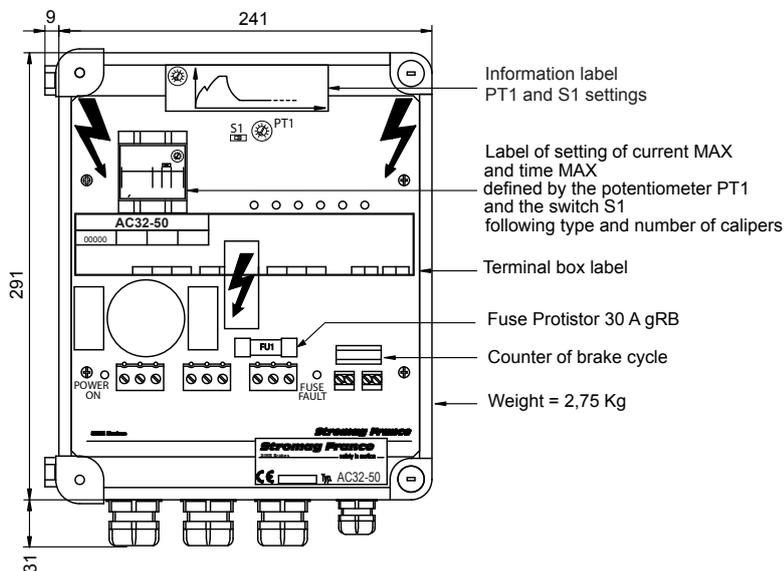
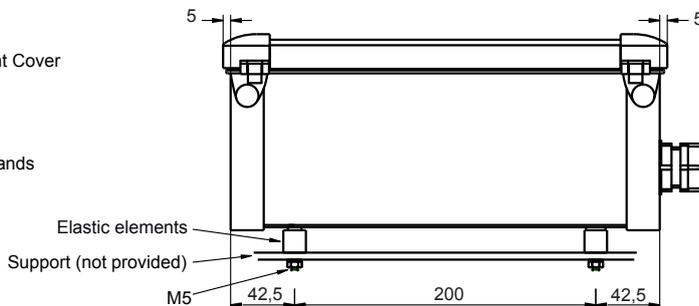
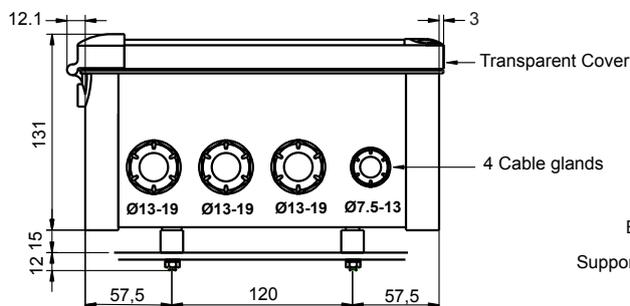
Electrical Data :
Single or two-phase mains AC
230 to 500V AC \pm 10% 50/60Hz

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Steel case

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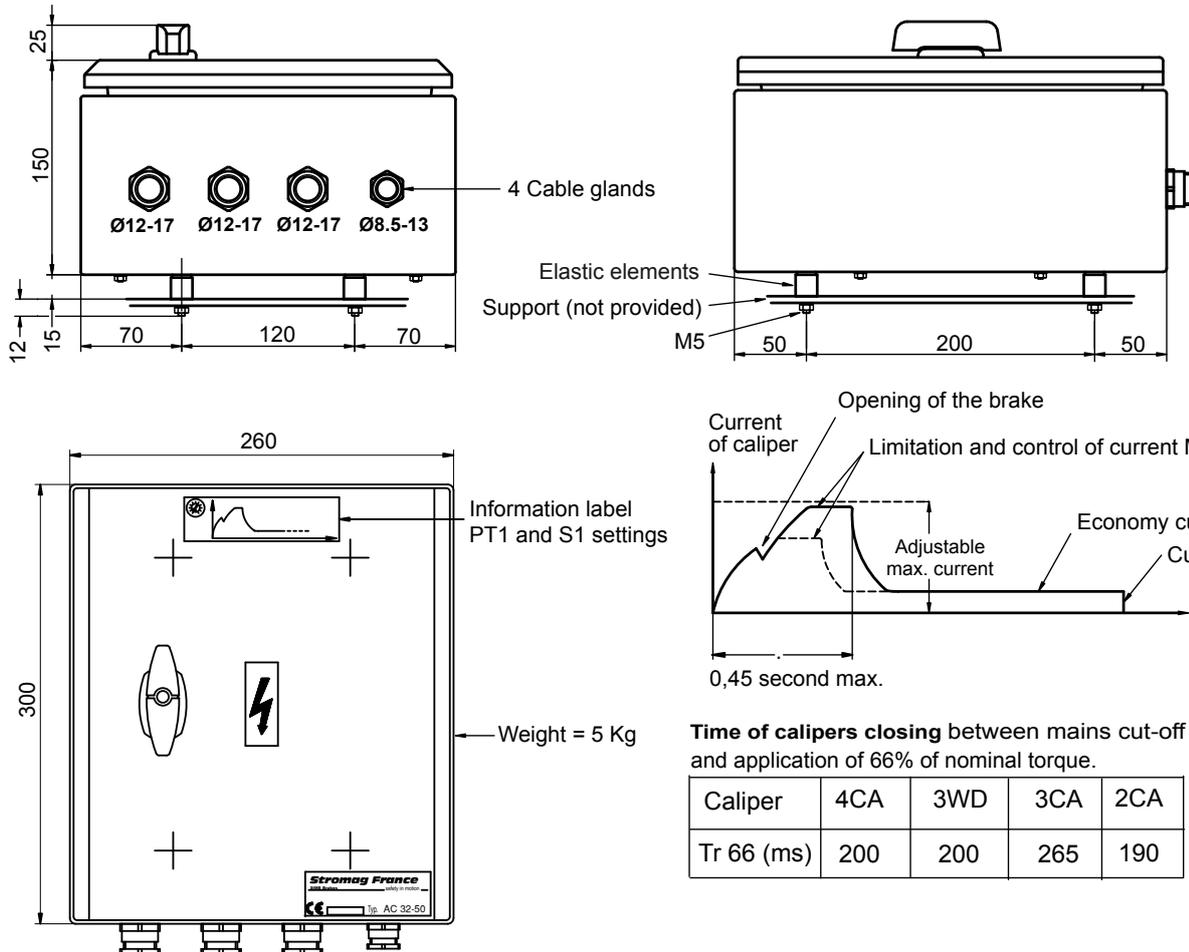
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