



# AT 167



**Electro-mechanical barrier**  
**- 230 V AC up to 5 m**  
**Intensive use.**



**AT 167: the perfect solution where speed and intensive use are specified.**

**Manual release lever system for operation in the event of a power failure.**

### TECHNICAL DETAILS

Motor (asynchronous three-phase/ single-phase/DC) connected directly to the non-reversible worm screw reduction gear; linkage system with roller bearings.

Mechanical lever limit switch, balancing spring complete with tie rod, sprocket chain adjustment.

Removable lever for emergency operation.

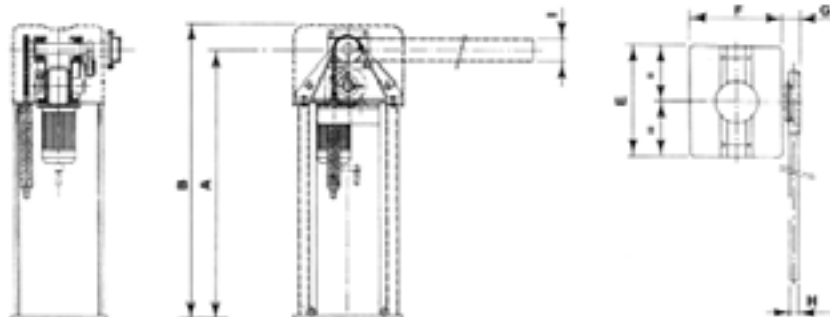
Self-supporting box and removable side hatches with key and removable cover.

TECHNICAL DATA	AT 167M	AT 167T
POWER SUPPLY	230 V 50 Hz single-phase	230/380 V 50 Hz three-phase
MOTOR POWER (KW)	0.15	0.18
ABSORPTION (A)	1.3	0.65*
SLOW REDUCER SHAFT SPEED (R.P.M.)	7.7	7.7
MAX. SLOW REDUCER SHAFT TORQUE (NM)	16	26
OPENING AND CLOSING TIME	9.5 sec	9.5 sec
MAX. BARRIER LENGTH	5	5
OPERATING TEMPERATURE	from -15° to +60° C	from -15° to +60° C
BOX DIMENSIONS	360x310x975 mm	360x310x975 mm
PROTECTION RATING	IP 54	IP 54

\* Absorption is for 380 V.



## INSTALLATION



DIMENSIONS	
POS.	AT 166/AT 167
A	900
B	975
E	370
F	310
G	60
H	25
I)	90

DESCRIPTION	Max. beam length	CODE
AT 167M Automatic electro-mechanical barrier. Power supply 220 V 50 Hz single-phase. Motor power 0.15 kW. Absorption 1.3 A.	5.0 m	6667100000001
AT 167T Automatic electro-mechanical barrier. Power supply 220/380 V 50 Hz three-phase. Motor power 0.18 kW. Absorption 0.65 A.	5.0 m	6667100000002

IDEAL INSTALLATION	CODE
AT 167M Automatic electro-mechanical barrier. Power supply 220 V 50 Hz single-phase. Motor power 0.15 kW. Absorption 1.3 A.	6667100000001
A88E electronic control unit	6630100000905
Pair of ER4N photocells	6635100000008
RG1 single-channel plug-in radio receiver	6620100030001
TG2M pocket mini two-channel transmitter	6620200000602
ASQ30 adjustable antenna for quartz units. External installation recess for wall-mounting (pack of 6)	6637100000008
PC12 key push-button	6606500000009
ET20 230 V flashing light	6610000040010
<b>Automation total</b>	
<b>BEAMS (90x25 profile)</b>	
Beam length 2.0 m	6607200000001
Beam length 2.5 m	6607200000002
Beam length 3.0 m	6607200000003
Beam length 3.5 m	6607200000004
Beam length 4.0 m	6607200000005
Beam length 4.5 m	6607200000006
Beam length 5.0 m	6607200000007

DESCRIPTION OF OPTIONAL ACCESSORIES	CODE
FC64 fork for AT 166-AT 167 beams	6602100000001
Swinging tip support	6602100000003
Vertical skirt module 69 cm high Number of vertical modules to be ordered: barrier length in metres x 2.	6600800000001
Horizontal skirt module 46 cm centre-to-centre. Number of horizontal modules to be ordered: number of vertical modules -1.	6600800000002

**NOTES:** For the electronic control units, see pages 78-81. - For the control and safety devices, see pages 82-85.  
For the other installation accessories, see pages 100-103. - For other types of product/product versions/configurations, see pages 106-109

