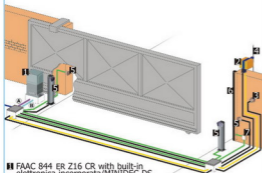


FAAC 844 ER

for sliding gates with max weight of 1.800 kg

INSTALLATION LAY-OUT

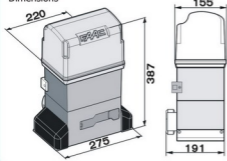


- FAAC 844 ER Z16 CR with built-in electronica incorporata/MINIDEC DS
- FAAC LIGHT
- FAAC T10
- FAAC PLUS 433 E
- FAAC FOTOSWITCH
- CN 60 E SAFETY EDGE
- JUNCTION BOX

Low voltgae cabling	Power cabling (230V)
(A) { 4 cables 3x0,5 3 cables 2x0,5	(B) { 1 cable 2x1,5+T 1 cable 2x1,5

Note: cable diameters in mm'

Dimensions



Technical specifications of 844 ER	ER Z16	R	R CAT	R RF
Power supply	230 V~ (+6% -10%) 50 (60) Hz			
Absorbed power	650W			
Absorbed current	3,5 A			
Traction and thrust force	0-110 daN (Z16)			
Motor rotation speed	1.400 rpm			
Reduction ratio	1:30			
Operating ambient temperature	-20°C + 55°C			
Weight with oil	14,5 kg			
Protection class	IP 44			
Type of oil	FAAC OIL XD 220			
Gate speed	9,5 m/min (Z16)			
Thermal protection on motor winding	120°C			
Electric motor	Single-phase, bi-directional			
Limit-switch	Inductive			
Clutch	Twin-disk in oil-bath			

Specifications	780 D control board (included into 844 ER Z16 model)	578 D control board (for far applications)
Transformer	Faston connection to the PCB	Integrated
Power supply	230 Vac (+6%-10%) 50 Hz	
Absorbed power	10 W	
Motor max. load	1000 W	
Accessories max. load	0,5 A	
Operating ambient temperature	-20gC +55gC	
Fuses	2	
Function logics	Automatic/"Stepped" automatic/ Semi-automatic/"Stepped" semiautomatic/Safety/Semi-automatic B/Dead-man C	
Work time	Programmable (from 0 to 4 min)	
Pause time	Programmable (from 0 to 4 min)	
Thrust force	Adjustable over 50 levels	
Terminal board inputs	Open - Partially Open - Opening safety devices - Closing safety devices - Stop - Edge - Power supply	Open - Partially Open - Opening safety devices - Closing safety devices - Stop - Edge - Power supply + earth - Opening and closing travel limit/Encoder
On-connector inputs	Opening and closing travel-limit/Encoder	/
Terminal board outputs	Flashing lamp/Motor/ 24Vdc power supply to accessories/ 24Vdc indicator-light-Op./cl. Electric lock	
Rapid connector	Plug-in receiver - Decoding card	
Programming	Nr. 3 keys(+, -, F) and display, "basic" or "advanced" mode	
"Basic" mode programmable functions	Function logic - Pause time - Thrust force - Gate direction	
"Advanced" mode programmable functions	Thrust torque - Braking - Fail safe - Pre-flashing - Indicator-light/Timed output/ Op./cl. Electric lock - Opening and closing safety devices logic - Encoder - Pre and post limit switch activation slowdown - Partial opening - Time out - Cycle counter for maintenance request	
Status indication	Display	
Plastic enclosures compatibility	None E - L -LM Mod.	