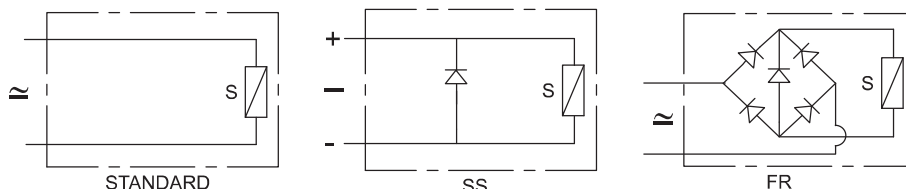


TERMINAL BOX (BCE) TYPE : 17

CIRCUIT DIAGRAM



FEATURES

- Designed for extreme environmental condition
- Large terminals for easy connection
- Constructed for lowest temperature rise thus longer life
- 'O' Energiser for higher magnetic linkage
- Wider voltage variation
- Bottom Cable entry to avoid rain or process fluid entering into the termination area.
- For ease of operation and maintenance LED can be provided to confirm availability of voltage to the coil terminals
- UL Listed, file number E342217
- Dual gasket for better weather proof protection

UL



SPECIFICATION

Size	II - 18 mm, III - 13 mm, III & IV - 14 mm
Voltage	6 V, 12 V, 24 V, 110 V, 120 V, 220 V, 256 V
Current	50 Hz, 60 Hz, DC, 50/ 60 Hz/ DC
Enclosure	Cable Entry M25 X 1.5, Adopted to M20 X 1.5 or 1/2" NPT
	Material Aluminum Cast colour Blue polyester powder coat, Stainless Steel Cast
Options	Surge Suppressor (SS), Fully Rectified (FR), Low Power (LW), Manual Reset (MR)
Power	Refer to table "Power" on page 428E
Insulation Class	Class H
Weather Protection	Type 3, 35, 4, 4X, 6, 6P
Approval	UL Listed
Voltage Variation	Refer to Voltage Variation table on page 428F
Duty Cycle	100% (ED)
Ambient Temperature	Power ≤ 20W, -60 °C to 100 °C, Power ≥ 20W, -60 °C to 75 °C

WEIGHT IN kg

Size	Al/ kg	SS/ kg
II	0.9	1.6
III	0.8	1.4

APPLICATION



TERMINAL BOX (BCE) TYPE : 17

POWER

Voltage	Solenoid		Power (VA)					
	Size	Core Dia	0.4②	1.8②	3.5	8	13	30
6	II	18				✓	▲	
	III	13	✓					
	III	14		✓	✓	▲		
	IV	14		✓				
12	II	18				✓	▲	✓
	III	13	✓					
	III	14		✓	✓	▲		
	IV	14		✓				
24	II	18				✓	▲	✓
	III	13	✓					
	III	14		✓	✓	▲		
	IV	14		✓				
110-120	II	18				✓	▲	✓
	III	13						
	III	14			✓	▲		
	IV	14						
220-240	II	18				✓	▲	✓
	III	14			✓	▲		
	IV	14						
256②	II	18				✓	▲	✓
	III	14				▲		
	IV	14						

▲ Standard

✓ Optional Available

② Only for DC Current

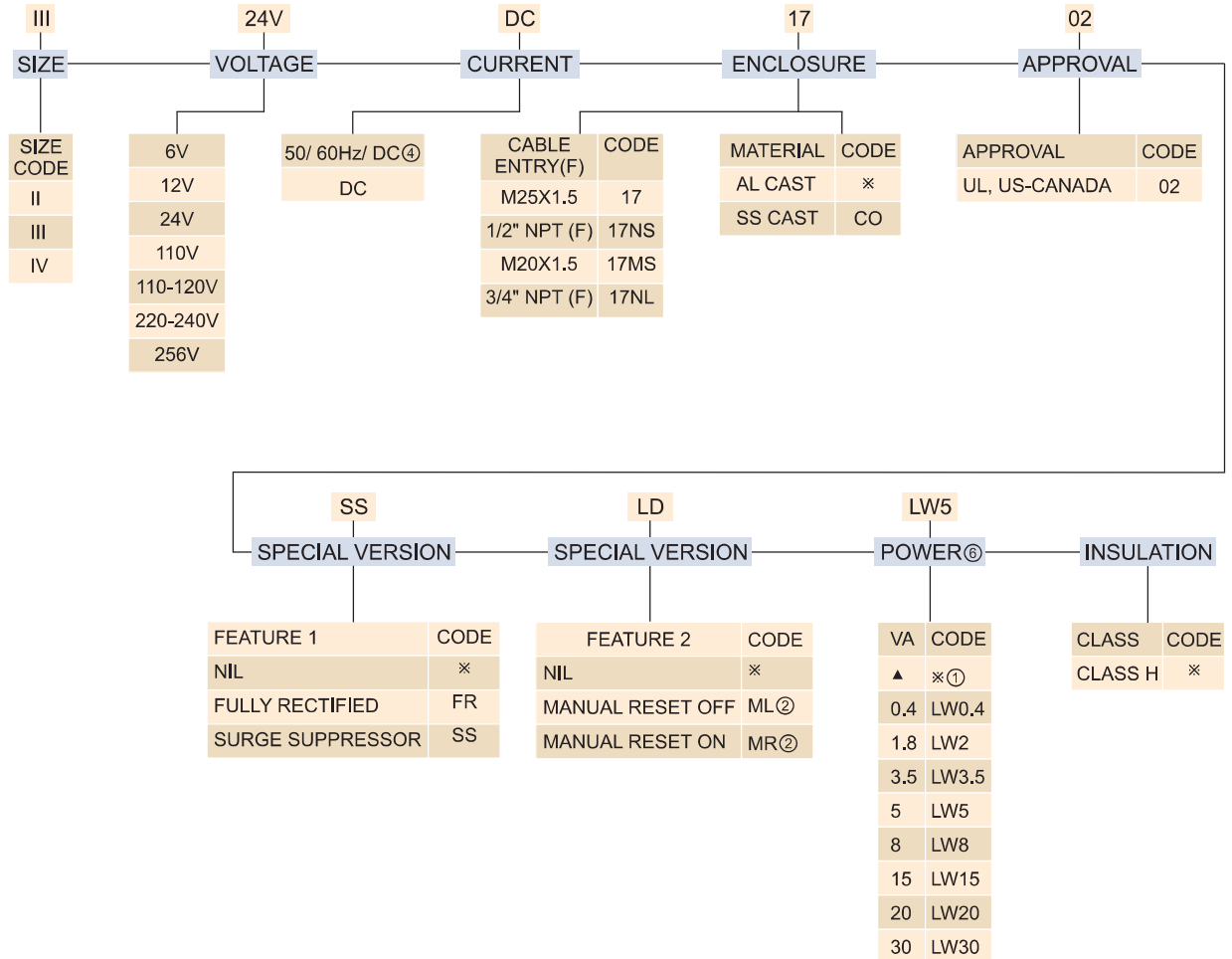
STANDARD POWER

Size	Current	Standard Power W, VA
I	AC	6, 12
	DC	8, 8
II	AC	13, 13
	DC	13, 13
III	AC	6, 12
	DC	8, 8

TERMINAL BOX (BCE) TYPE : 17

SOLENOID ORDERING CODE

III-24V-DC-17-CO-SS-LD-LW5-H-02



NOTE : ① Do not specify

② Available in size II and III select power standard voltage 24V, 110-120V, 220-240V

④ Select special version FR

⑥ Refer Power table on page 428E for size, Voltage and Power

⑧ 110-120V 50 Hz Solenoid can be used for 110V 50 Hz, 120V 60 Hz

⑨ 220-240V Solenoid can be used for 220-240V 50 Hz, 240V 60 Hz

VOLTAGE VARIATION (For Continuous Duty only)

Rated Volatge	Operating Voltage
6	4.8V to 7.2V
12	9.6V to 14.4V
24	19.2V to 28.8V
48	38.4V to 57.6V
110-120	88V to 132V
220-240	176V to 264V
256	192V to 280V

TERMINAL BOX (BCE) TYPE : 17

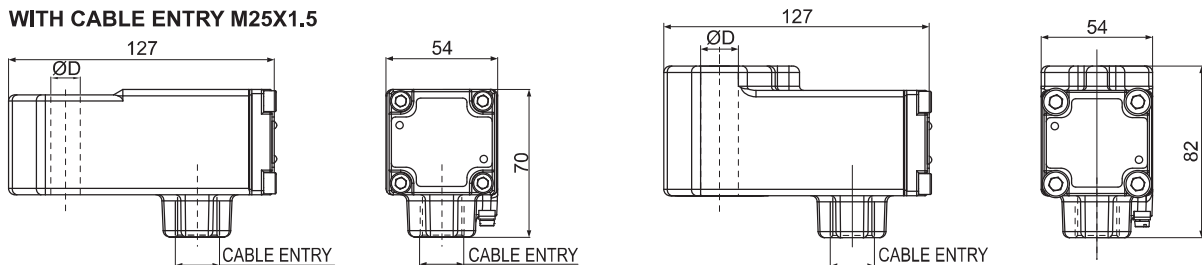
MARKING

ROTEX AUTOMATION LIMITED www.rotexautomation.com	
	TYPE 3, 3R, 3S, 4, 4X, 6 & 6P
MODEL : III-110-120V-50Hz-60Hz/DC-7-02-FR-LW5	
SR. NO. : 15100100 - 07/14-081	
Ambient Temperature -60 °C to 100 °C POWER ≤ 20W -60 °C to 70 °C > 20W POWER ≤ 30W	
DUTY CYCLE : CONTINUOUS	

DIMENSION

SOLENOID TYPE : 17

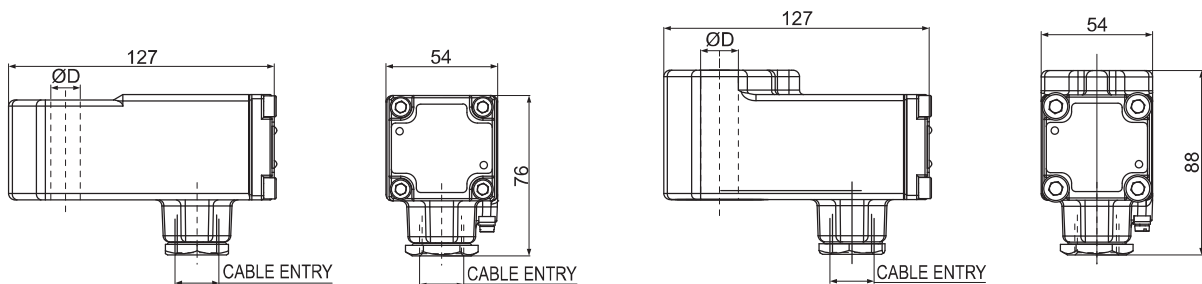
WITH CABLE ENTRY M25X1,5



	ØD
III	13
III	14

	ØD
II	18
IV	14

CABLE ENTRY M20X1,5, 1/2" NPT(F) (With Adopter)



	ØD
III	13
III	14

	ØD
II	18
IV	14

OBSELETE PRODUCTS AND ITS INTERCHANGEABILITY

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