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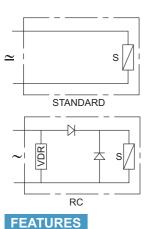
# **DIN PLUG IN SOLENOID TYPE : 22, 25**

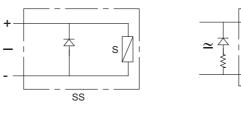
Designed for extreme environmental condition

'O' Energiser for higher magnetic linkage

Constructed for lowest temperature rise thus longer life

### **CIRCUIT DIAGRAM**









# DIN Plug supplied with Solenoid

Wider voltage variation

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#### SPECIFICATION

Size	I-14 mm, II-18 mm & III-14 mm, 13mm, IV-14mm		
Voltage	6 V, 12 V, 24 V, 48 V, 110 V, 220 V		
Current	50 Hz, 60 Hz, DC		
Enclosure	Cable Entry Pg 9 : As per DIN 43650 Type A & Type B		
	Material Moulded plastic, Steel Chrome plated		
Options	Surge Suppressor (SS), LED (LD), Low Power (LW), Rectified (RC)		
Power	Refer to table "Power" on page 425A		
Insulation Class	Class F, Optionally Class H (Standard for EU market)		
Weather Protection	IP65		
Approval	Indian, European, SIL		
Voltage Variation	Refer to Voltage Variation Table (on page 425B)		
Duty Cycle	100% (ED)		
Ambient Temperature	Class F, Power ≤ 13W, -25 °C to 75 °C		
	Class H, Power ≤ 13W, -25 °C to 100 °C, Power ≥ 13W, -25 °C to 75 °C		

#### WEIGHT IN kg

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Size	Moulded Plastic	Steel
I	0.2	
Ш		0.5
Ш		0.3



Specifications are subject to change without notice



Engineering For The Future

# DIN PLUG IN SOLENOID TYPE : 22, 25

## POWER

Voltage Solenoid		Power (VA)							
· ·	Size	Core Dia	0.42	1.8②	3.5	8	12	13	30②
6	I.	14							
	П	18				$\checkmark$			
	Ш	13	$\checkmark$						
	111	14		$\checkmark$	$\checkmark$				
	IV	14		$\checkmark$					
12	I	14							
	П	18				$\checkmark$			$\checkmark$
	111	13	$\checkmark$						
	III	14		$\checkmark$	$\checkmark$				
	IV	14		$\checkmark$					
24	I	14		$\checkmark$					
	П	18				$\checkmark$			$\checkmark$
	III	13	$\checkmark$						
	Ш	14		$\checkmark$	$\checkmark$				
	IV	14		$\checkmark$					
48	I	14							
	Ш	18							$\checkmark$
	111	14		$\checkmark$	$\checkmark$				
110-120	11	14							
	П	18				$\checkmark$			$\checkmark$
	Ш	14			$\checkmark$				
220-240	11	14							
	Ш	18				$\checkmark$			$\checkmark$
	111	14							
256②	Ш	18				$\checkmark$			$\checkmark$
	III	14							

▲ Standard

✓ Optional Available

① Select Current 50 Hz or 60 Hz

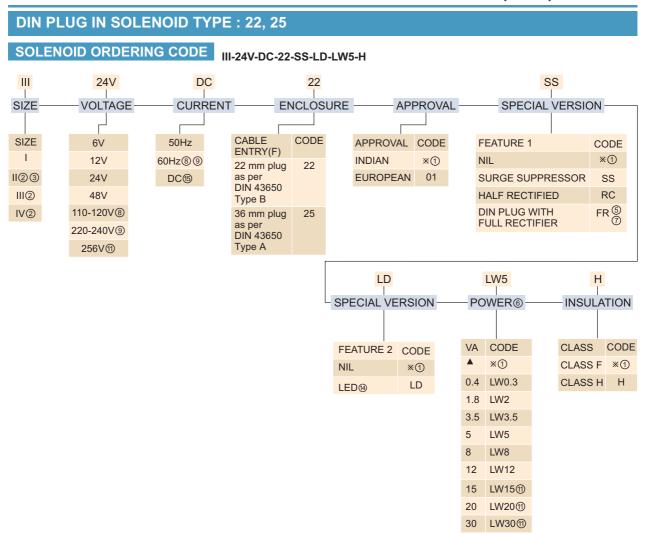
② Select Current DC

#### STANDARD POWER

Size	Current	Standard Power W, VA
1	AC	6, 12
	DC	8, 8
11	AC	13, 13
	DC	13, 13
111	AC	6, 12
	DC	8, 8

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#### NOTE : 1 Do not specify

- ② Select enclosure code 25
- ③ Current 50 Hz, 60 Hz, Select Special version RC
- (5) Select DC current coil to operate for 50 Hz or 60 Hz e.g. 110V DC-25-PR can be use for 110V 50 Hz or 120V, 60 Hz or DC
- 6 Refer Power table on page 425A
- ⑦ FR option will be available with coil type 25 only

#### VOLTAGE VARIATION (For Continuous Duty only)

Rated Voltage	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

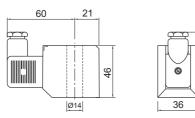
- $\circledast\,$  110-120V 50 Hz Solenoid can be used for 110V 50 Hz,120V 60 Hz
- 9 220-240V 50 Hz Solenoid can be used for 220-240V 50 Hz, 240V 60 Hz
- 1 Select Special version PR for current 50 Hz or 60 Hz
- Woltage 24, 110, 220V current 50 Hz, 60 Hz, DC, LED provided in DIN plug
- (5) 110-120V, 220-240V, current DC, size II, III



#### **DIN PLUG IN SOLENOID TYPE : 22, 25**

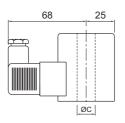
DIMENSION **SOLENOID TYPE : 22** 

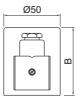
#### Plug as per DIN 43650 Type B





Plug as per DIN 43650 Type A





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SIZE	ØC	В
	13	43
- 11	18	60
IV	14	60
	14	43

#### OBSELETE PRODUCTS AND ITS INTERCHANGEABILITY



Replace with Solenoid code 22 or 25 along with Guide & Plunger Assembly



Replace with

Solenoid coil code 22

Specifications are subject to change without notice

425C

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