

Undervoltage release – YU

The undervoltage release opens the circuit-breaker when there is a significant voltage drop or power failure. It can be used for safe remote tripping, for locking on closing or to control the voltage in the primary and secondary circuits. The power supply for the release is therefore obtained on the supply side of the circuit-breaker or from an independent source.
Circuit-breaker closing is permitted only when the release is powered.

General characteristics

Power supply (Un)	**AC**	**DC**
24V	•	•
30V	•	•
48V	•	•
60V	•	•
110V...120V	•	•
220V...240V	•	•
240V...250V	•	-
380V...400V	•	-
415V...440V	•	-
480V...500V	•	-
Operating limits (IEC60947-2 standards)	70%...110% Un	
Inrush power (Ps)	300VA	300W
Continuous power (Pc)	3.5VA	3.5W
Opening time (YU)		
E1.2	30 ms	
E2.2 ... E6.2	50 ms	

Electrical diagram reference: figure 73

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Accessories
Electrical accessories



First and second opening release - YO

Size	Type	Code
E1.2..E6.2	YO E1.2..E6.2 24V AC/DC	1SDA073668R1
E1.2..E6.2	YO E1.2..E6.2 30V AC/DC	1SDA073669R1
E1.2..E6.2	YO E1.2..E6.2 48V AC/DC	1SDA073670R1
E1.2..E6.2	YO E1.2..E6.2 60V AC/DC	1SDA073671R1
E1.2..E6.2	YO E1.2..E6.2 110-120V AC/DC	1SDA073672R1
E1.2..E6.2	YO E1.2..E6.2 120-127V AC/DC	1SDA073673R1
E1.2..E6.2	YO E1.2..E6.2 220-240V AC/DC	1SDA073674R1
E1.2..E6.2	YO E1.2..E6.2 240-250V AC/DC	1SDA073675R1
E1.2..E6.2	YO E1.2..E6.2 380-400V AC	1SDA073677R1
E1.2..E6.2	YO E1.2..E6.2 415-440V AC	1SDA073678R1
E1.2..E6.2	YO E1.2..E6.2 480-500V AC	1SDA073679R1

First and second closing release- YC

Size	Type	Code
E1.2..E6.2	YC E1.2..E6.2 24V AC/DC	1SDA073681R1
E1.2..E6.2	YC E1.2..E6.2 30V AC/DC	1SDA073682R1
E1.2..E6.2	YC E1.2..E6.2 48V AC/DC	1SDA073683R1
E1.2..E6.2	YC E1.2..E6.2 60V AC/DC	1SDA073684R1
E1.2..E6.2	YC E1.2..E6.2 110-120V AC/DC	1SDA073685R1
E1.2..E6.2	YC E1.2..E6.2 120-127V AC/DC	1SDA073686R1
E1.2..E6.2	YC E1.2..E6.2 220-240V AC/DC	1SDA073687R1
E1.2..E6.2	YC E1.2..E6.2 240-250V AC/DC	1SDA073688R1
E1.2..E6.2	YC E1.2..E6.2 380-400V AC	1SDA073690R1
E1.2..E6.2	YC E1.2..E6.2 415-440V AC	1SDA073691R1
E1.2..E6.2	YC E1.2..E6.2 480-500V AC	1SDA073692R1

YO/YC test unit

Size	Type	Code
E1.2...E6.2	YO/YC test unit E1.2...E6.2	1SDA073707R1

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Size	Type	Code
E1.2..E6.2	YU E1.2..E6.2 24V AC/DC	1SDA073694R1
E1.2..E6.2	YU E1.2..E6.2 30V AC/DC	1SDA073695R1
E1.2..E6.2	YU E1.2..E6.2 48V AC/DC	1SDA073696R1
E1.2..E6.2	YU E1.2..E6.2 60V AC/DC	1SDA073697R1
E1.2..E6.2	YU E1.2..E6.2 110-120V AC/DC	1SDA073698R1
E1.2..E6.2	YU E1.2..E6.2 120-127V AC/DC	1SDA073699R1
E1.2..E6.2	YU E1.2..E6.2 220-240V AC/DC	1SDA073700R1
E1.2..E6.2	YU E1.2..E6.2 240-250V AC/DC	1SDA073701R1
E1.2..E6.2	YU E1.2..E6.2 380-400V AC	1SDA073703R1
E1.2..E6.2	YU E1.2..E6.2 415-440V AC	1SDA073704R1
E1.2..E6.2	YU E1.2..E6.2 480-500V AC	1SDA073705R1

Electronic time-delay device for undervoltage release - UVD

Size	Type	Code
E1.2...E6.2	24...30V DC	1SDA074623R1
E1.2...E6.2	48V AC/DC	1SDA074624R1
E1.2...E6.2	60V AC/DC	1SDA074625R1
E1.2...E6.2	110...127V AC/DC	1SDA074626R1
E1.2...E6.2	220...250V AC/DC	1SDA074627R1

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