

# HDB3VR Electromagnetic Type Residual Current Switch

Standard: IEC/EN 61008-1

RCCB Type: A C, A

Sensitivity: 10, 30, 100, 300mA



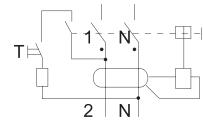
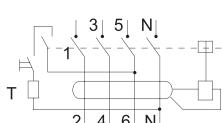
## Function

HDB3VR Electromagnetic Type Residual Current Switch combine the following functions:

- Protection for users against indirect contacts
- Additional protection for users against direct contacts (30mA)
- Protection for electrical installations against insulation faults ( fire hazard, etc)

## Order Information

Type	Width (In mod. of 9mm)	Rating (A)	Sensitivity (mA)	Reference	
				AC type	A type
2P	63AF	4	10	HDB3VR210LC	HDB3VR210LA
			30	HDB3VR210SC	HDB3VR210SA
			100	HDB3VR210YC	HDB3VR210YA
			300	HDB3VR210TC	HDB3VR210TA
		16	10	HDB3VR216LC	HDB3VR216LA
			30	HDB3VR216SC	HDB3VR216SA
			100	HDB3VR216YC	HDB3VR216YA
			300	HDB3VR216TC	HDB3VR216TA
		25	10	HDB3VR225LC	HDB3VR225LA
			30	HDB3VR225SC	HDB3VR225SA
			100	HDB3VR225YC	HDB3VR225YA
			300	HDB3VR225TC	HDB3VR225TA
		40	30	HDB3VR240SC	HDB3VR240SA
			100	HDB3VR240YC	HDB3VR240YA
			300	HDB3VR240TC	HDB3VR240TA
			63	HDB3VR263SC	HDB3VR263SA
		100	30	HDB3VR263YC	HDB3VR263YA
			100	HDB3VR263TC	HDB3VR263TA
			80	HDB3VR280SC	HDB3VR280SA
		100AF	100	HDB3VR280YC	HDB3VR280YA
			300	HDB3VR280TC	HDB3VR280TA
			100	HDB3VR2100SC	HDB3VR2100SA
			100	HDB3VR2100YC	HDB3VR2100YA
			300	HDB3VR2100TC	HDB3VR2100TA
4P	63AF	8	10	HDB3VR410LC	HDB3VR410LA
			30	HDB3VR410SC	HDB3VR410SA
			100	HDB3VR410YC	HDB3VR410YA
			300	HDB3VR410TC	HDB3VR410TA
		16	10	HDB3VR416LC	HDB3VR416LA
			30	HDB3VR416SC	HDB3VR416SA
			100	HDB3VR416YC	HDB3VR416YA
			300	HDB3VR416TC	HDB3VR416TA
		25	10	HDB3VR425LC	HDB3VR425LA
			30	HDB3VR425SC	HDB3VR425SA
			100	HDB3VR425YC	HDB3VR425YA
			300	HDB3VR425TC	HDB3VR425TA
		40	30	HDB3VR440SC	HDB3VR440SA
			100	HDB3VR440YC	HDB3VR440YA
			300	HDB3VR440TC	HDB3VR440TA
			63	HDB3VR463SC	HDB3VR463SA
		100	30	HDB3VR463YC	HDB3VR463YA
			100	HDB3VR463TC	HDB3VR463TA
			80	HDB3VR480SC	HDB3VR480SA
		100AF	100	HDB3VR480YC	HDB3VR480YA
			300	HDB3VR480TC	HDB3VR480TA
			100	HDB3VR4100SC	HDB3VR4100SA
			100	HDB3VR4100YC	HDB3VR4100YA
			300	HDB3VR4100TC	HDB3VR4100TA



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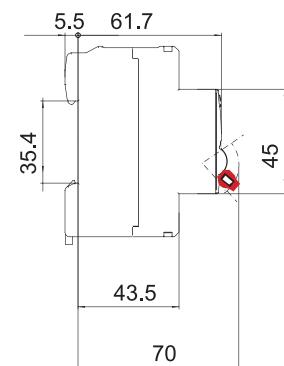
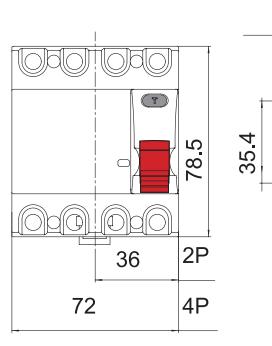
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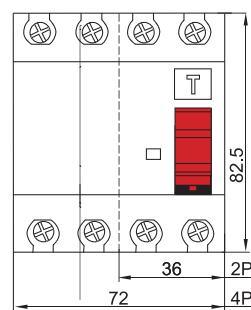
RCCB	HDB3VR Electromagnetic Type Residual Current Switch		
Electrical Features	Standard	IEC/EN 61008-1	
	Certification	TUV, CE, CB	
	Type	AC, A	
	Poles	2P, 4P	
	Rated Current In	10, 16, 25, 32, 40, 63, 80, 100A	
	Rated Voltage Ue	230/400V AC	
	Insulation Voltage Ui	500V	
Mechanical Features	Sensitivity	10, 30, 100, 300mA	
	Electrical Durability	1000 times	
	Mechanical Durability	2000 times	
	Overload or Short Circuit Protection	No	
	Tripping Indication	Instantaneous, rated residual operated current, unadjustable	
	Fault Current Indicator	Mechanical indication in the front	
	Protection Degree	2	
Connection	Tropicalization	Treatment 2	
	Ambient Temperature	-25°C~+40°C	
Installation	Up to 25mm <sup>2</sup> cables (In≤63A)	Up to 35mm <sup>2</sup> cables (In>63A)	
	Rate current(A)	Screw	Rated Torque (Nm) Limiting Torque (Nm)
	25-100	M5	2.0 4.5
Mounting	35mm Din-rail		

### Overall Dimensions

Unit: mm



HDB3VR-63



HDB3VR-100

