

3

TECHNICAL CHARACTERISTICS

	Standards		
Electrical features	Type (wave form of the earth leakage sensed)		
	Poles		
	Rated current I_n		A
	Rated sensitivity Δn		A
	Rated voltage U_e		V
	Insulation voltage U_i		V
	Max. operating voltage of circuit test		V
	Min. operating voltage of circuit test		V
	Rated frequency		Hz
	Rated breaking capacity acc. to IEC/EN 61009	ultimate I_{cn}	A
	Rated breaking capacity acc. to IEC/EN 60947-2	ultimate I_{cu}	kA
	1P+N @230 VAC	service I_{cs}	kA
	Rated residual breaking capacity Δm		kA
	Rated impulse withstand voltage (1.2/50) U_{imp}		kV
	Dielectric test voltage at ind. freq. for 1 min.		kV
Thermomagnetic release characteristic	B: $3 I_n < I_m \leq 5 I_n$ C: $5 I_n \leq I_m \leq 10 I_n$ K: $10 I_n \leq I_m \leq 14 I_n$		
Surge current resistance (wave 8/20)		A	
Mechanical features	Toggle		
	Flag indicators		
	Electrical life		
	Mechanical life		
	Protection degree	housing terminals	
	Tropicalization acc. to IEC /EN 60068-2	constant climatic conditions variable climatic conditions	°C/RH °C/RH
	Reference temperature for setting of thermal element		°C
	Ambient temperature (with daily average $\leq +35$ °C)		°C
	Storage temperature		°C
	Installation	Terminal type	top bottom
Terminal size top/bottom for cables			mm ²
Terminal size top/bottom for busbar			mm ²
Tightening torque top/bottom			N*m
Mounting Connection			
Dimensions and weight	Dimensions (H x D x W)		mm
	Weight		g
Combination with auxiliary elements	Combinable with:	auxiliary contact signal contact shunt trip undervoltage release	

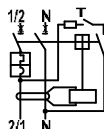


DS201 L			DS201			DS201 M		
IEC / EN 61009								
AC	A	APR	AC	A	APR	AC	A	APR
6 ≤ In ≤ 32			1P+N			4 ≤ In ≤ 40		
0.03-0.3	0.01-0.03-0.3	0.03	0.03-0.1-0.3-1	0.01-0.03-0.1-0.3	0.03-0.1-0.3	0.03-0.1-0.3	0.01-0.03-0.1-0.3	0.03-0.1-0.3
230-240			500			254		
110			50...60			10000		
4500			6000			10		
6			10			10		
4.5			6			7.5		
4.5			6			6		
4			4			4		
2.5			2.5			2.5		
■	■	■	■	■	■	■	■	■
250 (3000 for APR versions)								
black sealable in ON-OFF position								
differential trip indicator (blue)								
contact position indicator (green/red)								
10000								
20000								
IP4X								
IP2X								
23/83 - 40/93 - 55/20								
25/95 - 40/95								
30								
-25...+55								
-40...+70								
failsafe bi-directional cylinder-lift terminal at top and bottom (shock protected)								
failsafe bi-directional cylinder-lift terminal at top and bottom (shock protected)								
25/25								
10/10								
2.8								
on DIN rail EN 60715 (35 mm) by means of fast clip device								
from top and bottom								
85 x 69 x 35								
239								
yes								
yes								
yes								
yes								



Brochure:
DS201 - DS202C
New residual current circuit-breakers
with overcurrent protection (RCBOs)
 2CSC422004B0203

B



DS201 AC type, B characteristic

Function: protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contact and additional protection against direct contact ($\Delta n=30$ mA).

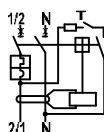
Application: residential, commercial, industrial.

Standard: IEC/EN 61009

Icn=6 kA

Number of poles	Rated residual current Δn mA	Rated current In A	Order details Type code	Order code	Bhn 8012542 EAN	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.	
1+N	30	6	DS201 B6 AC30	2CSR255040R1065	279709			0.240	5	
		10	DS201 B10 AC30	2CSR255040R1105	280309			0.240	5	
		13	DS201 B13 AC30	2CSR255040R1135	285205			0.240	5	
		16	DS201 B16 AC30	2CSR255040R1165	285304			0.240	5	
		20	DS201 B20 AC30	2CSR255040R1205	285403			0.240	5	
		25	DS201 B25 AC30	2CSR255040R1255	285502			0.240	5	
	100	30	6	DS201 B6 AC100	2CSR255040R2065	285809			0.240	5
			10	DS201 B10 AC100	2CSR255040R2105	285908			0.240	5
			13	DS201 B13 AC100	2CSR255040R2135	286004			0.240	5
			16	DS201 B16 AC100	2CSR255040R2165	286103			0.240	5
			20	DS201 B20 AC100	2CSR255040R2205	286202			0.240	5
			25	DS201 B25 AC100	2CSR255040R2255	286301			0.240	5
	300	30	32	DS201 B32 AC30	2CSR255040R1325	285601			0.240	5
			40	DS201 B40 AC30	2CSR255040R1405	285700			0.240	5
			6	DS201 B6 AC300	2CSR255040R3065	286608			0.240	5
			10	DS201 B10 AC300	2CSR255040R3105	286707			0.240	5
13			DS201 B13 AC300	2CSR255040R3135	293903			0.240	5	
16			DS201 B16 AC300	2CSR255040R3165	294009			0.240	5	
20			DS201 B20 AC300	2CSR255040R3205	294108			0.240	5	
25			DS201 B25 AC300	2CSR255040R3255	294207			0.240	5	
		32	DS201 B32 AC300	2CSR255040R3325	294306			0.240	5	
		40	DS201 B40 AC300	2CSR255040R3405	294405			0.240	5	

C



DS201 AC type, C characteristic

Function: protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contact and additional protection against direct contact ($\Delta n=30$ mA).

Application: residential, commercial, industrial.

Standard: IEC/EN 61009

Icn=6 kA

Number of poles	Rated residual current Δn mA	Rated current In A	Order details Type code	Order code	Bhn 8012542 EAN	Price 1 piece	Price group	Weight 1 piece kg	Pack unit pc.
1+N	30	6	DS201 C6 AC30	2CSR255040R1064	294504			0.240	5
		10	DS201 C10 AC30	2CSR255040R1104	294603			0.240	5
		13	DS201 C13 AC30	2CSR255040R1134	294702			0.240	5
		16	DS201 C16 AC30	2CSR255040R1164	294801			0.240	5
		20	DS201 C20 AC30	2CSR255040R1204	294900			0.240	5
		25	DS201 C25 AC30	2CSR255040R1254	295006			0.240	5
		32	DS201 C32 AC30	2CSR255040R1324	296003			0.240	5
		40	DS201 C40 AC30	2CSR255040R1404	296102			0.240	5