

S3C-MOD Series

Technical features



S3C-MOD

	S3C-MOD24**	S3C-MOD230
Suitable for:	MCBs S200 and S300 series RCCBs F200 (up to 100A) and F200 B type (up to 63A) RCBOs DS201 Switch Disconnectors SD200	
Number of modules	1	
Operating voltage	24...48 V AC/DC -10% +10%	230-240 V AC -15% +10%
Minimum operating voltage	21,6 V AC/DC	110 V AC
Power consumption during operation	<28 VA	<30 VA
Power consumption at rest	<1 VA	<1,5 VA
Closing time	<1 s	
Opening time	<1 s	
Mechanical endurance	10.000	
Protection degree acc. To EN 60529	IP40 (housing)/IP20 (terminals)	
Operating temperature (with daily average $\leq +35\text{ }^{\circ}\text{C}$)	-25 ...+60 $^{\circ}\text{C}$	
Storage temperature	-40 ...+70 $^{\circ}\text{C}$	
Overvoltage category	III	
Pollution degree acc. to EN 60664	2	
Shock resistance acc. to IEC/EN 60068-2-27	25g, 2 shocks, 13ms	
Vibration resistance acc. to IEC/EN 60068-2-6	1g - 20 cycle at 5... 150 ...5 Hz	
Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	28 cycles with 55 $^{\circ}\text{C}$ /90-96% and 25 $^{\circ}\text{C}$ /95-100%	
Terminal type	plug-in	
Cross-section of conductors	0,2...2,5 mm ²	
Tightening torque	0,4 Nm	
Stripping length of the cable	5 mm	
Cable length of the control circuits	10 m	
Remote control: close contact*	Terminal 6	
Remote control: open contact	Terminal 5	
Auxiliary contact	Terminal 4	
Signal contact	Terminal 3	

* In case of MCB trip the remote control inputs are inhibited

** Coupling with S204 or SD204 allowed only in case of DC supply

F3C-AR Series

Technical features



F3C-AR

	F3C-AR24	F3C-AR230	F3C-AR230 D
Suitable for:	RCCBs F200 (up to 100A) and F200 B type (up to 63A)		
Number of modules	1		
Supply voltage	24...48 V AC/DC -10% +10%	230-240 V AC -15% +10%	230-240 V AC -15% +10%
Minimum operating voltage	21,6 V AC/DC	110 V AC	110 V AC
Number of automatic reclosing attempts	3		
Waiting time between auto-reset attempts	3 s	3 s	30 s
Power consumption during operation	<25 VA	<30 VA	<30 VA
Power consumption at rest	<1 VA	<1,5 VA	<1,5 VA
Closing time	<1 s		
Opening time	<1 s		
Mechanical endurance	15.000		
Protection degree acc. To EN 60529	IP40 (housing)/IP20 (terminals)		
Operating temperature (with daily average ≤ +35 °C)	-25 ...+60 °C		
Storage temperature	-40 ...+70 °C		
Overvoltage category	III		
Pollution degree acc. to EN 60664	2		
Shock resistance acc. to IEC/EN 60068-2-27	25g, 2 shocks, 13ms		
Vibration resistance acc. to IEC/EN 60068-2-6	1g - 20 cycle at 5... 150 ...5 Hz		
Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	28 cycles with 55°C/90-96% and 25°C/95-100%		
Terminal type	plug-in		
Cross-section of conductors	0,2...2,5 mm ²		
Tightening torque	0,4 Nm		
Stripping length of the cable	5 mm		
Cable length of the control circuits	10 m		
Remote control: close contact	Terminal 6		
Remote control: open contact	Terminal 5		
Auxiliary contact	Terminal 4		
Alarm contact	Terminal 3		

F3C-AR230 C Series

Technical features



F3C-AR230 C

	F3C-AR230 C 2/30	F3C-AR230 C 2/300	F3C-AR230 C 4/30	F3C-AR230 C 4/300
Suitable for:	RCCBs F200 (up to 100A), F200 B type (up to 63A) and VY (A, S, B type)			
	2P, 230 V, 30 mA	2P, 230 V, 300 mA	4P, 400 V, 30 mA	4P, 400 V, 300 mA
Number of modules	1,5			
Operating voltage	230-240 V AC (-15% +10%)			
Automatic reclosure after untimely tripping	Yes (up to 24 hours after the fault) System check: 1 st time: ≈ 3 seconds 2 nd time: ≈ 2 minutes 3 rd time: ≈ 5 minutes 4 th time to 48 th time: ≈ 30 minutes			
Rd0 (rated non operating resistance between live parts and earth)	8 kΩ	800Ω	8 kΩ	800Ω
Rd (rated operating resistance between live parts and earth)	22 kΩ	8 kΩ	22 kΩ	8 kΩ
Earthing system	TT-TN			
Standard:	IEC63024 EN 63024			
Earth leakage check	Yes			
Max number of consecutive automatic reclosure attempts	48			
Reset time for counter of automatic reclosing attempts	45s			
Power consumption during operation	<26 VA			
Power consumption at rest	<1,5 VA			
Closing time	<1 s			
Opening time	<1 s			
Protection degree acc. to EN 60529	IP40 (housing)/IP20 (terminals)			
Operating temperature	-25 ...+60 °C			
Storage temperature	-40 ...+70 °C			
Overvoltage category	III			
Pollution degree acc. to EN 60664	2			
Shock resistance acc. to IEC/EN 60068-2-27	25g, 2shocks, 13ms			
Vibration resistance acc. to IEC/EN 60068-2-6	1g - 20 cycle at 5... 150 ...5 Hz			
Environmental conditions (damp heat) acc. to IEC/ EN 60068-2-30	28 cycles with 55°C/90-96% and 25°C/95-100%			
Terminal type	plug-in			
Cross-section of conductors	0,2...2,5 mm ²			
Tightening torque	0,4 Nm			
Stripping length of the cable	5 mm			
Locked state	Terminal 3			