

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	10000	
Protection degree acc. To EN 60529	IP40 (housing)/IP20 (terminals)	
Operating temperature (with daily average $\leq +35\text{ }^{\circ}\text{C}$)	$-25 \dots +60\text{ }^{\circ}\text{C}$	
Storage temperature	$-40 \dots +70\text{ }^{\circ}\text{C}$	
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 $55^{\circ}\text{C}/90\text{-}96\%$ and $25^{\circ}\text{C}/95\text{-}100\%$	
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	20,4 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	15000		
Protection degree acc. To EN 60529	IP40 (housing)/IP20 (terminals)		
Operating temperature (with daily average $\leq +35^{\circ}\text{C}$)	$-25 \dots +60^{\circ}\text{C}$		
Storage temperature	$-40 \dots +70^{\circ}\text{C}$		
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 $55^{\circ}\text{C}/90\text{-}96\%$ and $25^{\circ}\text{C}/95\text{-}100\%$		
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		