



DATA SHEET FOR 1 MODULE RCBO

Catalogue Numbers: NHXSBS1C06, NHXSBS1C10, NHXSBS1C16, NHXSBS1C20, NHXSBS1C32, NHXSBS1C40 and NHXSBS1C50

Series	Residual current circuit breaker with over current protection
Poles	1P+ Solid Neutral
Rated current In	6A to 50A
Residual current	30 mA
Curve Characteristic	C (5-10 In)
Terminal capacity flexible/rigid cable	16-25 mm ²
Connection Torque	High torque performance 4,5 Nm
Tropicalisation according to IEC 60068-2-28/2-30	95%RV at 55°C
Electrical service life	20000/10000
Selectivity class	3
Nominal voltage Un	240 V
Approval/norm	BS EN 61009
Differential making and breaking capacity	$I(\Delta)_m = 10000A$
Short circuit capacity	$I_{nc} = 6000A$ at 230V
Series	Series AC
Nuisance Tripping Resistance	250A 8/20 μs
Ambient Temperature	-5 up to 55°C

- **Safe and reliable**
 - High degree of touch protection IP20
 - Safety terminals
 - Real contact position indicator
- **User friendly**
 - Easy DIN rail fixing and extraction
- **Multifunctional**
 - Common devices for all products
- **6kA Short circuit rating**
- **30mA Trip sensitivity for protection of personnel and property**
- **Push to test button**
- **Ratings from 6 to 50A**
- **Single pole switching**
- **Loss of Neutral Protection**