

Residual Current Devices (RCDs)



For Effective Protection against

- > Electrocution due to Direct and Indirect Contact & Earth leakages
- > Personal Protection - 30mA
- > Fire Protection - 100mA & 300mA

Key Benefits

- Widest range: Precise solution for all application
 - > Rating up to 125A
- Easy monitoring: Earth fault indication on front face
- Immunity against nuisance tripping
- **New SI RCDs** offers enhanced immunity to electrical disturbances and polluted & corrosive environments
- Easy Installation: bi-connect terminals
- Field fittable auxiliaries for advanced protection & monitoring
- Field fittable Comm ready auxiliary for remote monitoring of:
 - Status of RCD - ON / OFF / Trip
 - Number of ON / OFF operations
 - Number of tripping due to faults
 - Number of running hours



Green Products

100% Recyclable
and Recoverable
REACH and RoHS
compliant

Suitable for

**ComReady
Auxiliary**



Protection Devices

Residual Current Devices (RCDs)

xID & ID 125 RCCBs

IEC/EN 61008-1, IS-12640-1

Key Features

- Current Rating upto 125A
- **Class AC** - for normal installation
- **Class Si** - for electrically disturbed networks (with harmonics, pulsating DC components etc.) & for harsh environments (presence of corrosive atmosphere chemical gases etc)
- Front face trip on fault indication
- Finger-proof IP-20 terminals - ensures no accidental contact with live part
- Test button to check healthiness
- Intermediate auxiliary required for add-on protection and indication auxiliaries
- ID125 RCCBs are suitable for indication OFsp auxiliary only
- 4P RCCB is also suitable for 3phase 3 wire installation

Technical Data

Type	xID*#	xID#	ID 125
Class	AC	Si	AC/Si
Current Rating	25-80A	25-63A	125A
Sensitivity	30/100/300mA	30/300mA	30/100/300mA
Poles	2,4	2,4	2,4
Rated Voltage	230-415V	230-415V	230-400V
Terminal Capacity	Rigid - 35 sqmm	Rigid - 35 sqmm	Rigid - 50 sqmm
	Flexible - 25 sqmm	Flexible - 25 sqmm	Flexible - 35 sqmm
Impulse Withstand Voltage	6KV	6KV	6KV
Operating Temperature	-5 to 40°C	-25 to 40°C	-5 to 40°C



RCDs

xID & ID 125

Poles	Type	Rating (A)	References			Module Width
2P						
	AC	25	A9N16201	-	A9N16202	2
		40	A9N16204	A9N16205	A9N16206	2
		63	A9N16208	A9N16209	A9N16210	2
		80	A9N16212	A9N16213	A9N16214	2
		125	16966	-	16967	2
	SI	25	A9N16234	-	-	2
		40	A9N16237	-	-	2
		63	A9N16240	-	A9N16246	2
		125	16972	-	16973	2
4P						
	AC	25	A9N16251	-	A9N16252	4
		40	A9N16254	A9N16255	A9N16256	4
		63	A9N16258	A9N16259	A9N16260	4
		80	A9N16261	A9N16262	A9N16263	4
		125	16905	16906	16907	4
	SI	25	A9N16321	-	-	4
		40	A9N16324	-	-	4
		63	A9N16327	-	A9N16334	4
		125	16920	-	16921	4

*Contact Customer Care Centre for more details

Key Features

- Compact space saving design - 2Pole 2Module
- The DPN N Vigi residual current device provides complete protection for final circuits (against overcurrent and earth leakage faults)
The new SI RCCB offers perfect protection in installations disturbed by:
 - > extreme atmospheric conditions (humid, corrosive)
 - > any type of electrical impurity
- Avoids false insertion of cables and loose termination : Pull up terminals
- Immune to nuisance tripping due to Transient overvoltages

Technical Data

Type	AC	Si
Current Rating	6-40A	6-40A
Sensitivity	30/300mA	30/300mA
Poles	1P+N	1P+N
Curve	C	C
Rated Voltage	230-415V	230-415V
Terminal Capacity	Rigid upto 16 sq mm	Rigid upto 16 sq mm
	Flexible upto 10 sq mm	Flexible upto 10 sq mm
Impulse Withstand Voltage	4kV	4kV
Breaking Capacity	6kA	6kA
Limitation Class	3	3
Operating Temperature	-5 to 40°C	-25°C to +60°C



RCBO						
iDPN N Vigi						
Poles	Type	Rating (A)	References		Module Width	
			30mA	300mA		
			C Curve			
1P+N						
	AC	6A	A9N19661	A9N19681	2	
		10A	A9N19663	A9N19683	2	
		16A	A9N19665	A9N19685	2	
		20A	A9N19666	A9N19686	2	
		25A	A9N19667	A9N19687	2	
		32A	A9N19668	A9N19688	2	
	SI	40A	A9N19669	A9N19689	2	
		6A	A9N19631	A9N19641	2	
		10A	A9N19632	A9N19642	2	
		16A	A9N19634	A9N19644	2	
		20A	A9N19635	A9N19645	2	
		25A	A9N19636	A9N19646	2	
		32A	A9N19637	A9N19647	2	
		40A	A9N19638	A9N19648	2	

Protection Devices

Residual Current Devices (RCDs)

Vigi xC60 (add on RCD - AC Type)

IEC/EN 61009-1
30mA/300mA

Key Features

- Combined with xC60 circuit breaker, the Vigi xC60 provide: Protection against earth leakage, short circuit and Overload faults - add on block for xC60 MCB
- Fault tripping is indicated by a red mechanical indicator on the front face
- Combinations of Vigi xC60 + xC60 MCB - Flexibility to choose MCB (xC60 range) as per load requirement
- Field fittable auxiliaries available

Technical Data

	Vigi xC60	Vigi C120
Type	AC	AC/A/Si
Current Rating	25-63A	125A
Sensitivity	30/100/300mA	30/ 300/500/300[SI]/1000 mA[SI]
Poles	2,4	2P,3P,4P
Rated Voltage	230-400V	230-415V
Terminal Capacity	Rigid - 25A - 25 sq mm 63A - 35 sq mm	Rigid - 50 sq mm
	Flexible - 25A - 16 sq mm 63A - 25 sq mm	Flexible - 35 sq mm
Impulse Withstand Voltage	6KV	6KV
Operating Temperature	-5°C to +60°C	5°C to +60°C-AC 25°C to +60°C-Si



Add on RCD Block
Vigi xC60 & Vigi C120

Type AC	Sensitivity	References			Module Width
		30mA	100mA	300mA	
2P	25 A	A9N26581	A9N26582	A9N26583	1.5
	63 A	A9N26611	A9N26612	A9N26613	2
	125A	A9N18563		A9N18564	3.5
Module Width					
4P	25 A	A9N26595	A9N26596	A9N26597	3
	63 A	A9N26643	A9N26644	A9N26645	3.5
	125A	A9N18569		A9N18570	5