

Connected products

Acti9 MCBs - RCDs - SPDs

		
	MCBs	RCDs
Description	Our new high performance modular system for final distribution, provides unmatched performance when it comes to installation simplification and speed, space saving as well as ease of maintenance and upgrading. The new Acti9™ iC40 system is fully-fledged member of the Acti9 Family and offers multiple benefits for those who design, build, operate, and maintain electrical panels for final distribution.	In coordination with Acti9 and Multi9 MCBs, this RCCB will also give you additional protection against any direct contact
Characteristics	- The new Acti9 iC40 system is fully-fledged member of the Acti9 Family and offers multiple benefits for those who design, build, operate, and maintain electrical panels for final distribution. Redefine standards of Efficiency, Visibility, Connectivity with the new Acti9 iC40 system. - Acti9 iC40 is an extensive range of DIN rail mounted, phase-neutral miniature circuit breakers, specifically designed to connect every type of protection device under the same comb busbar, no matter the number of poles. The new system offers exclusive features to provide absolute protection to circuits against short-circuit currents and overload currents in your electrical installation . - Suitable for isolation in compliance with IEC/EN 60898-1 and/or IEC/EN 60947-2 - Available in 1P+N, 3P and 3P+N for circuits up to 40 A - Breaking capacity at 4500 A, 6000 A and 10 000 A - Wide range of tripping curves available: B, C and D - Class 2 insulation for optimal protection of operators and unqualified persons. - Wide range of operating temperatures: -25 / +70°C - Sharing same key features with Acti9 iC60 in regards to aesthetics , form-factor , range of auxiliaries - VisiTrip offers a visible fault indicator for fast and optimized on-site servicing - VisiSafe offers a visible green strip with reinforced insulation for maintenance in better safety conditions - Environmentally friendly with 100% recyclable and recoverable materials.	- Achieve full coordination with Acti9 and Multi9 MCBs with DIN rail RCCB you can rely on. Providing better continuity of service as well as offering a complete environmentally friendly option, the DIN rail RCCB will also give you additional protection against any direct contact. Complete with VisiSafe, which helps to ensure the ultimate in safety for both operation and maintenance work - Complete with VisiSafe, which helps to ensure the ultimate in safety for both operation and maintenance work - Class-2 insulation: ensures continuous protection for both operators and unqualified personnel - Complete with VisiTrip: detects faulty outgoers quickly and reduces intervention time - Fully immune earth leakage protection: provides better continuity of service, especially with the new SI type (Super immune) which has been designed with polluted environments and networks in mind - The optional electrical auxiliaries and mounting accessories are consistent with those offered on Acti 9 iC60 miniature circuit breakers (MCBs) - Nominal current: 1 to 100 A - SI (Super immune), AC, A 30 mA sensitivity: provides additional protection against direct contact (in accordance with IEC 60364) 100 mA, 300 mA, 500 mA sensitivities: provide additional protection against fire and indirect contact (in accordance with IEC 60364) - Selective version: ensures correct discrimination between different residual current circuit breakers as well as the tripping of the device closest to the fault - Coordination with Acti 9 and Multi 9 MCBs - Fully compliant with standard IEC EN 61008-1 - Certified by national official authorities - Ideally suited to isolation in full accordance with industrial standard IEC/ EN 60947-2 - Operating voltage: up to 400 V AC - Insulation voltage: 500 V AC - Optional auxiliaries available: indication of state and tripping, shunt tripping, undervoltage tripping, overvoltage tripping.
Functions	- MCBs - Protection against Overload and Short-Circuit - Acti9 iC40 system is dedicated to the Small, Medium and large buildings applications	- Designed for industrial and commercial buildings - Prevent electrocution (in accordance with installation standard IEC 60364 and national standards) - Reduce fire hazards by cutting down current leakage into building electrical installations.
Connectivity	Connectable with suitable auxiliaries Offers a wide range of electrical auxiliaries: remote indication of Acti9 iC60 status and several tripping actuators: shunt trip, undervoltage trip, overvoltage trip.	Connectable with suitable auxiliaries
Benefits	- Maintain and upgrade easily your final distribution panels that have been perfectly designed and built. - Perfectly match of the layout of the electrical diagram - Enhanced reliability and simplification of cabling - Simplication of Installation and speed, space saving as well as ease of maintenance and upgrading Combined reliability, protection and ease of use for new and retrofit electrical installations - Option to add auxiliaries for remote monitoring and control - Option to add residual current device (Vigi) for earth leakage protection	- Complete with VisiTrip and VisiSafe, the DIN rail RCCB provide greater continuity of service as well as enhanced protection to both industrial and commercial buildings. - Greater continuity of service with VisiTrip - Greater electrical immunity with SI type (Super immune) - Easy-to-understand part numbers make choosing options simple and straightforward - Easy to install with quick, ergonomic and secure IP20B terminal shutters - Fully robust connections which provide twice the standard tightening torque - Environmentally friendly: made from 100% recyclable and recoverable materials.
Product references	Acti9 Ic40, Acti9 iDPN, Acti9 iC60, Acti9 C120, Acti9 NG125	Acti9 Vigi Ic40, Vigi for Acti Ic60, Vigi for Acti9 C120, Vigi for Acti9 NG125, Acti9 iDPN Vigi, Acti9 iCV40, Acti9 iC60

Acti9 SPDs

		SPDs
Description	Acti9 iPRF1, PRD1 Type 1 Surge arresters protect the electrical equipment against direct lightning strikes. The installation of Type 1 or Type 1+2 Surge Protection Devices is compulsory whenever there is a lightning rod.	Type 3 SPDs are at last level of power distribution, close to sensitive loads incase the subdistribution-panel with Type2 SPD is more than 10m away
Characteristics	Type: 1/ 1+2 - These Surge arresters are available either as monobloc or with pluggable cartridges. - These ranges cover all the different earthing system: multiple-pole or single-pole devices to be assembled. - They come with output contacts for remote transfer of end-of-life information (for Acti9 SmartLink or other input/output devices). - Acti9 iPRF1 12.5r and Acti9 PRD1 25r are also Type 2 rated (8/20 µs) to protect the electrical equipment by finely clipping the voltage surge - They are suitable for 230/400 V 50/60 Hz networks, with earthing system TT, TN-S, TN-C - Acti9 PRD1 Master is also suitable for 440 V IT earthing system. - Type 2 - With fixed and withdrawable surge arresters available, the Type 2 integrated surge arresters combine full protection, flexibility, and ease of installation. Designed for industrial and commercial buildings. - Maximum discharge current: 8 to 65 kA - Fully integrated disconnecter for short-circuit current withstand, Isc up to 25 kA (IEC 61643-11, version 2005): Acti9 Quick PF, Acti9 Quick PRD ranges - Surge arrester/disconnector combinations certified for short-circuit current withstand, Isc up to 50 kA (IEC 61643-11, version 2005): Acti9 PF and Acti9 PRD ranges - Maximum steady state voltage: Uc = 260, 440 VAC - Suitable for any earthing system: TT, TN-S, TN-C and IT - Choice of fixed or withdrawable surge arresters - Multiple-pole or single-pole products to be assembled - Contacts for the remote transfer of end-of-life information. - These Acti9 iQuick-PF, iActi9 Quick-PRD ranges have the following exclusive features: "F" within iQuick-PF means Monobloc Surge arrester	Type 3 - Designed to work with multiple digital networks, the easy-to-install Surge Protection Devices provide much needed protection to electrical distribution switchboards from lightning strikes. "Acti9 iPRC - Provides protection to both analogue and digital series-mounted telephone line d1. Fully compatible with XDSL (including ADSL). max: 18 kA Uc max. = 185 VDC and 130 VAC, with Imax. 450 mA." "Acti9 iPRI 48 V: Fully flexible, can be used on any DC or AC low current line: supply, analogue signals, binary state of the sensors, digital data and more Ensures the protection of 4 lines with a common 0 V or 2 electrically independent lines Imax: 10 kA Uc max: 53 VDC and 37 VAC with Imax. 300 mA." "Acti9 iPRE for Ethernet RJ45 sockets: Acti9 iPRE RJ45 is suitable for category 5 & 6 Ethernet cabling system, high speed data networks up to 250 MHz. Acti9 iPRE is delivered with an earthing cable which provides protective grounding in computer room Acti9 iPRE is DIN rail mounted RJ45 system-specific connection Imax: 10 kA Uc max: 6.5 VDC."
Functions	"D" within iQuick-PRD refers to Withdrawable cartridges - Integrated backup protection for short-circuit current withstand, Isc up to 25 kA (IEC/EN 61643-11:2011) - Maximum discharge current from 8 kA to 65 kA	Saves sensitive devices from surge in an event of lightning strike or transient overvoltage
Connectivity	- Maximum continuous operating voltage, Uc = 264 V, 350 V (Acti9 iQuick-PRD) - Suitable for the following earthing system: TT, TN-S, TN-C - Multiple-pole or single-pole products to be assembled - Contacts for the remote transfer of end-of-life information.	
Benefits	- Certified coordination with disconnection circuit breakers - Robust, strong and reliable connections - Provides a complete solution for remotely monitoring protection status - Integrated disconnecter provides straightforward installation of Quick ranges. - Lighting protection has never been simpler	- Saves sensitive device from surge in an event of lightning strike or transient overvoltage - Experience hassle-free installation on digital networks with our surge protection devices. Perfect for a wide range of electrical distribution switchboards, they will provide complete equipment protection from lightning strikes. - Easy to install in a wide range of electrical distribution switchboards.
Product references	Acti9 iPRF1, PRD1, Acti9 iPRD, Acti9 iQuick, iQuick PRD,	Acti9 iPRC, iPRL , iPRE