



V-CHECK RPT

**V-CHECK MR - Surge protection + POP + self reclose MCB in a single unit**

Combined transient and Power-frequency Overvoltage Protection (SPD+POP), complete with automatic reclosure (motorised MCB included) Type 2 / Class II, 15 kA (8/20 μs) surges with test button for POP.

With V-CHECK MR the installation is protected against transient voltage spikes and voltage increases which last for an indefinite period. Typically, the first is associated with lightning and the second with bad connections or faulty neutral in 3-phase installations.

- Automatic recloser - ideal for installation panels requiring continuity of service and for second homes

type	surge protection device		POP	MCB		general		
	I <sub>max</sub> L-N (kA)	U <sub>p</sub> L-N (kV)	U <sub>a</sub> (V)	C curve (In)	break capacity	poles	config.	mod. (18 mm)

**V-CHECK MR - Surge protection + POP + self reclose MCB in a single unit**

- Transient (*surge*) protection
- Power frequency Overvoltage Protection (POP)
- Overload and short circuit protection
- Self-reclose MCB (*automatically resets once fault is cleared*)

<b>V-Check 2MR-10</b>	15 kA	1.5 kV	>275 V	10A	6 kA	2	1ph+N	5
<b>V-Check 2MR-25</b>	15 kA	1.5 kV	>275 V	25A	6 kA	2	1ph+N	5
<b>V-Check 2MR-40</b>	15 kA	1.5 kV	>275 V	40A	6 kA	2	1ph+N	5
<b>V-Check 4MR-16</b>	20 kA	1.5 kV	>275 V	16A	10 kA	4	3ph+N	9
<b>V-Check 4MR-32</b>	20 kA	1.5 kV	>275 V	32A	10 kA	4	3ph+N	9
<b>V-Check 4MR-63</b>	20 kA	1.5 kV	>275 V	63A	10 kA	4	3ph+N	9

**V-Check RPT** - SPD+POP protection disconnecting the circuit via a circuit breaker + shunt trip.

**V-Check 4RPT** 40 kA 1.8 kV >275 V (*without MCB*) 4 3ph+N 4

**V-Check RC** - SPD+POP protection disconnecting the circuit via a contactor

**V-Check 4RC** 40 kA 1.8 kV >275 V (*without MCB*) 4 3ph+N 4

**G-Check earthing installation monitor**

G-CHECK is a device for continuous monitoring of earthing system installations in DIN rail format for panel installations. Complies with standard IEC 61010-1.

By calculating the loop resistance, **G-CHECK** checks the impedance of the actual path of an indirect contact leakage for detection of the following possible incidents, within the installation and in the transformation centre to which it is connected:

- Deterioration of earth connection due to ageing of earth rods or cable theft
- Breakage or bad connection of the neutral cable

Continuously monitoring the state of the earth connection with **G-CHECK**:

- Ensures proper operation of surge protection devices
- Ensures the protection of personnel against indirect contact
- Reduces cost of preventative maintenance

- Installed into panel, by connecting directly to earth and setting the loop resistance thresholds
- Alarm function activates if detected value exceeds a maximum preset by the user



G-CHECK 230

type	voltage	frequency	alarm activation value	max. measured value
<b>G-CHECK 230</b>	230 V	50/60 Hz	adjustable	500 ohms