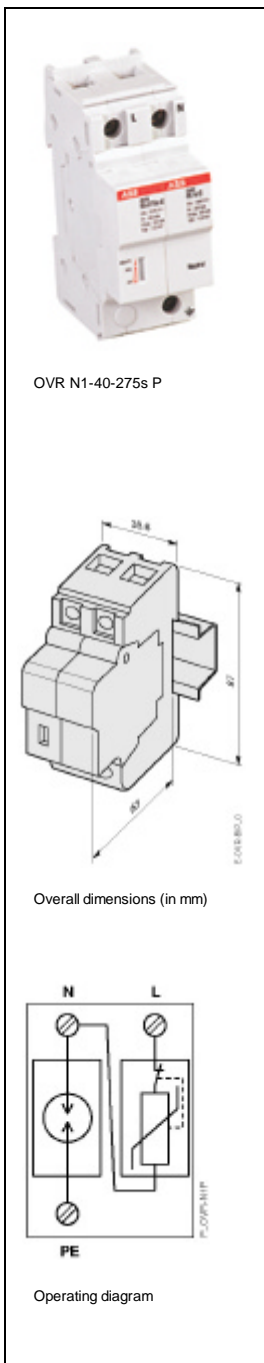




# OVR N1-40-275s P

Order code : 2CTB 8138 52 R 08 00



## Pluggable Unit

### Electrical characteristics

| Types of networks   |    | TNS - TT              |
|---|----|-----------------------|
| Modes of protection   |    | common + differential |
| Number of poles   |    | 2                     |
| Type / test class   |    | T2 / II               |
| Type of current   |    | A.C.                  |
| Nominal voltage Un  | V  | 230                   |
| Max. cont. operating voltage U <sub>c</sub> (L-N / L-PE / N-PE)               | V  | 275 / 440 / 255       |
| Voltage protection level U <sub>p</sub> at I <sub>n</sub> (L-N / L-PE / N-PE) | kV | 1.2 / 1.2 / 1.2       |
| Nominal discharge current I <sub>n</sub> (8/20)                               | kA | 15                    |
| Maximal discharge current I <sub>max</sub> (8/20)                             | kA | 40                    |
| TOV withstand U <sub>t</sub> (5s.) (L-N / L-PE)                               | V  | 340 / 440             |
| Follow current I <sub>f</sub>   | A  | None                  |
| Operating current I <sub>c</sub>  | mA | < 1                   |
| Short circuit withstand I <sub>cc</sub>                                       | kA | 25                    |
| Degree of protection  |    | IP 203                |
| Disconnecter  |    |                       |
| gG - gL fuse  | A  | 32                    |
| curve C circuit breaker   | A  | 25 to 50              |

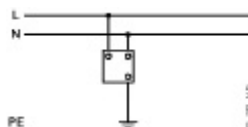
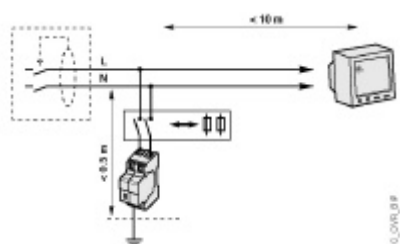
### Mechanical characteristics

|                                 |                 |            |
|---------------------------------|-----------------|------------|
| Wire range L/N                  |                 |            |
| solid wire                      | mm <sup>2</sup> | 2.5 ... 25 |
| stranded wire                   | mm <sup>2</sup> | 2.5 ... 16 |
| Stripping length L/N            | mm              | 12.5       |
| Tightening torque L/N           | Nm              | 2          |
| Wire range PE                   |                 |            |
| solid wire                      | mm <sup>2</sup> | 2.5 ... 50 |
| stranded wire                   | mm <sup>2</sup> | 2.5 ... 35 |
| Stripping length PE             | mm              | 12.5       |
| Tightening torque PE            | Nm              | 2          |
| Integrated thermal disconnecter |                 | Yes        |
| State indicator                 |                 | Yes        |
| Compatibility with OVR Sign     |                 | Yes        |
| Safety reserve                  |                 | Yes        |
| TS remote indicator             |                 | No         |

### Miscellaneous characteristics

|                                    |    |                           |
|------------------------------------|----|---------------------------|
| Stocking temperature               | °C | -40 to +80                |
| Operating temperature              | °C | -40 to +80                |
| Maximal altitude                   | m  | 2000                      |
| Weight                             | g  | 220                       |
| Material of Housing                |    | PC grey RAL 7032          |
| Fire resistance according to UL 94 |    | V2                        |
| Reference standards                |    | IEC 61643-1 / EN 61643-11 |
| Certifications                     |    | cULus - GOST - SABS       |

## Wiring schematics



TT - TNS