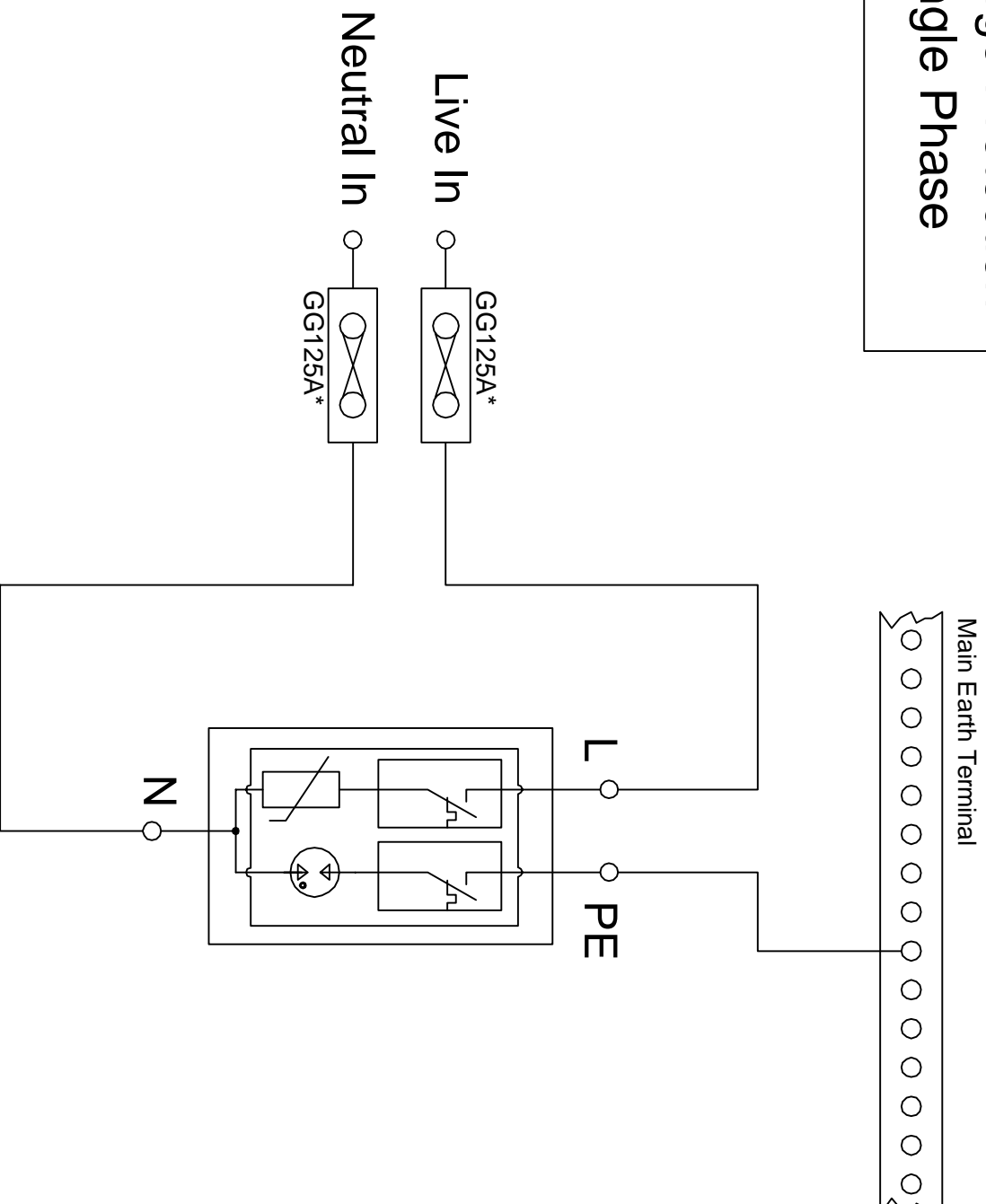


# Surge Protection Single Phase



\* Fuses can be omitted if incoming circuit breaker is not an Isolator and has a trip setting below 125A



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Surge Protection - Single Phase

Cabur ISPD275AC1PNPE

Revision History:

| Item Details: |                | DRAWING NR.: |        | SCALE:           |                 |
|---------------|----------------|--------------|--------|------------------|-----------------|
| Date:         | 20.04.2020     | H 044        | 2020   | NTS              | Sketch          |
| Drawn by:     | Ing. E. Scerri | Page:        | 1 of 1 | Revision Number: | Not Revised Yet |

## Legend:



## Cabur ISPD275AC1PNPE

### TECHNICAL DATA

|                                    |                       |                   |
|------------------------------------|-----------------------|-------------------|
| Test Class                         | II                    |                   |
| Earthing system                    | TN, IT, TT            |                   |
| Nominal voltage                    | Un (V)                | 220 - 230         |
| Max. continuous voltage            | Uc (V)                | 275               |
| Working frequency                  | f(Hz)                 | 50 - 60           |
| Max. Discharge current (8/20µs)    | I <sub>max</sub> (kA) | 40                |
| Nominal discharge current (8/20µs) | I <sub>n</sub> (kA)   | 20                |
| Voltage protection level at In     | Up (kV)               | 1.5               |
| Protection mode                    | L - N / N - PE        |                   |
| Isolation resistance               | Riso (MΩ)             | > 10 <sup>2</sup> |
| Response time                      | t <sub>ms</sub> (ms)  | ≤ 25              |
| Recommended back-up fuse           | I <sub>a</sub> (A)    | 125               |
| With internal protection fuse      | Yes                   |                   |
| Max. cables section                | S (mm <sup>2</sup> )  | 25                |
| Mounting                           | DIN                   | Yes               |
| Working temperature                | T (°C)                | -40...+85         |
| Protection degree                  | IP20                  |                   |
| Housing material                   | PP0                   |                   |
| Inflamability class                | UL94-V0               |                   |