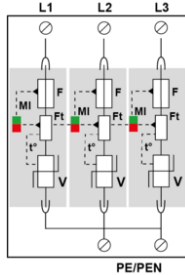
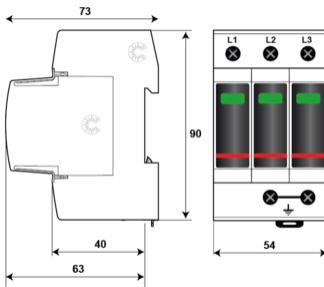


## DACF25-30-320



- Type 2 AC Multipolar surge protector
- In : 15 kA
- I<sub>max</sub> total : 75 kA
- Internal Fuse
- Pluggable module for each phase
- Remote signaling
- NF EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



V: High-energy varistor  
Ft: Thermal fuse  
F: Overcurrent protection (fuse)  
t\*: Thermal disconnection system  
MI: Disconnection indicator

### Electrical Characteristics

|                                                                                                          |                              |
|----------------------------------------------------------------------------------------------------------|------------------------------|
| SPD type                                                                                                 | 2                            |
| Network                                                                                                  | 230/400 V 3-phase            |
| AC system                                                                                                | TNC                          |
| Max. AC operating voltage                                                                                | U <sub>c</sub> 320 Vac       |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection                              | UT 335 Vac withstand         |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT 440 Vac disconnection     |
| Residual Current Leakage current to Ground                                                               | I <sub>pe</sub> < 1 mA       |
| Follow current                                                                                           | I <sub>f</sub> None          |
| Nominal discharge current 15 x 8/20 μs impulses                                                          | I <sub>n</sub> 15 kA         |
| Max. discharge current max. withstand @ 8/20 μs by pole                                                  | I <sub>max</sub> 25 kA       |
| Total Maximum discharge current max. total withstand @ 8/20 μs                                           | I <sub>max</sub> Total 75 kA |
| Connection mode(s)                                                                                       | L/PE                         |
| Protection level L/PE @ I <sub>n</sub> (8/20 μs)                                                         | U <sub>p</sub> L/PE 1.5 kV   |
| Residual voltage L/PE at 5 kA @ 5 kA (8/20 μs)                                                           | U <sub>p</sub> -5kA 1.2 kV   |
| Admissible short-circuit current                                                                         | I <sub>scr</sub> 100 000 A   |

### Mechanical Characteristics

|                                           |                                                                     |
|-------------------------------------------|---------------------------------------------------------------------|
| Technology                                | MOV                                                                 |
| SPD configuration                         | 3-phase                                                             |
| Connection to Network                     | By screw terminals: 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> rigid) |
| Format                                    | Plug-in modular box                                                 |
| Mounting                                  | Symmetrical rail 35 mm (EN 60715)                                   |
| Housing material                          | Thermoplastic UL94 V-0                                              |
| Operating temperature                     | T <sub>u</sub> -40/+85°C                                            |
| Protection rating                         | IP20                                                                |
| Failsafe mode                             | Disconnection from AC network                                       |
| Disconnection indicator                   | 1 mechanical indicator by pole - Red/Green                          |
| Spare module(s)                           | MDACF25-320                                                         |
| Remote signaling of disconnection         | option DACF25S-30-320 : output on changeover contact                |
| Wiring for remote signaling               | 1.5 mm <sup>2</sup> max.                                            |
| Max. Voltage/Current for remote signaling | 250 V / 0.5 A (AC) / 30 V / 3 A (DC)                                |
| Dimensions                                | See diagram - 3 TE (EN43880)                                        |
| Weight                                    | 0.300 kg                                                            |

### Disconnectors

|                                   |                                                 |
|-----------------------------------|-------------------------------------------------|
| Thermal disconnector              | Internal                                        |
| Installation ground fault breaker | Type 'S' or delayed                             |
| Back-up protection device         | internal (equivalent AC rating : 40 A, gG Type) |

### Standards

|                      |                                          |
|----------------------|------------------------------------------|
| Standards compliance | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
|----------------------|------------------------------------------|

### Part number

821410313