



-SYMC-

Single Phase SoftStarter

An innovative Single Phase Softstarter that limits peak energy demand !



Heat pumps
Refrigerating chambers



Designed for single phase motor with starting capacitor (e.g. compressor for heat pumps or refrigerating chamber)

Single phase SoftStarter

Get the starting current of your motors under control !

celduc® relais presents its new single phase SoftStarter featuring innovative technology that **smoothly starts up motors**, improving in this way the life time of mechanical elements of the system (no shock). It **reduces** as well **starting current** in order to limit peak energy demand.

► Thyristor based softstarter : efficiency & performances

Our single phase Softstarter is based on back to back thyristor using TMS² technology with a very long life time.

► Diagnostic information

-Abnormal motor current or mains voltage
-Internal Bypass malfunction
-Green LED used for both control status and alarm indications. Different flashing sequences show the types of failure (see data sheet).

► Starting current limited to 45A

In domestic applications this softstarter avoids financial penalties from electricity board and allows, in France, to be in compliance with NFC15-100 regarding starting current limitation.

► Made in France and designed in compliance with IEC60947-4-2.



Main features

| Part Number | SYMC0001 |
|---|---|
| Ramp time | < 0,6s |
| Bypass (no need of heatsink) | YES |
| Max. nominal current | 32A |
| Number of starts per hour | 15 max. |
| LED visualisation | 1 green LED for fault and supply |
| Fault status output | YES (NC and NO switches) |
| Over-current protection | YES |
| Time between 2 starts | 2 minutes |
| Switching technology for capacitors and motor | Solid State technology with longer life time |
| Starting and running capacitor | Not supplied - external (possibility of replacement). Dedicated connections |
| Dimensions in mm | 120 x 100 x 45,7 |
| Mounting | -Din-Rail (adaptor included) -Screws |

- Designed for single phase motor with starting capacitor (e.g. compressor for heat pumps or refrigerating chamber).
- Our new SoftStarter is complying with European standards regarding inrush current reduction.

An innovative Single Phase Softstarter that limits peak energy demand !

Our distributor



5, rue Ampère - BP 30004 - 42290 SORBIERS - FRANCE

Tel : +33(0)4 77 53 90 20 - Fax : +33 (0)4 77 53 85 51

Tel export : +33(0)4 77 53 90 21

celduc-relais@celduc.com



www.celduc-relais.com