

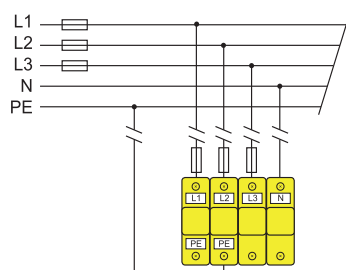
# Type 2 Surge Arrester For TNC-S and TN-S Installations



Fully Compliant to BSEN61643-11, BSEN623005 & BS7671



Part No. SY2C40X



|  |                  |  |
|--|------------------|--|
| Rated voltage (max. continuous voltage)            | $U_c$            | 275V~  |
| Nominal discharge current (8/20)                   | $I_n$            | 20kA   |
| Max. discharge current (8/20)                      | $I_{max}$        | 40kA   |
| Voltage protection level at $I_n$                  | $U_p$            | $\leq 1.25kV$  |
| Voltage protection level at 5kA                    | $U_p$            | $\leq 1.0kV$   |
| Response time                                      | $t_A$            | $\leq 25ns$  |
| Max. back up fuse / MCB                            |                  | 125A gL/gG   |
| Operating temperature range                        |                  | -40°C...+80°C  |
| Recommended cross-sectional area of cable          |                  | 2.5mm <sup>2</sup> ~ 25mm <sup>2</sup> solid/ 35mm <sup>2</sup> flexible |
| Enclosure material                                 |                  | Yellow thermoplastic, UL94-V0  |
| Dimension  |                  | 4 mods   |
| Certification                                      |                  | CE (LVD, EMC)  |
| Mounting on  |                  | 35mm DIN rail  |
| Type of remote signalling contact                  |                  | Switching contact  |
| Switching capacity                                 | $U_N$ /<br>$I_N$ | AC:250V/0.5A; DC:250V/0.1A;<br>150V/0.2A; 75V/0.5A                       |
| Cross-sectional area for remote signalling contact |                  | Max. 1.5mm <sup>2</sup> solid / flexible                                 |

- Type 2 Surge protection device
- Fully compliant to BSEN61643-11, BSEN62305 & BS7671
- Suitable for TNC-S and TN-S installations
- Protects sensitive electronic systems and end equipment
- Visual indication of status (Windows)
- Pluggable replacement modules
- Remote changeover contacts can be linked to BMS, buzzer, light etc
- Din rail mountable
- Connect in parallel, meaning no current limitations
- Recommended backup fuse / MCB 16-32A
- Can be supplied in a polycarbonate IP65 or metal housing at an additional cost
- Manufactured in Europe
- Competitively priced against other brands



SY2C40XENC



SY2C40XENCM