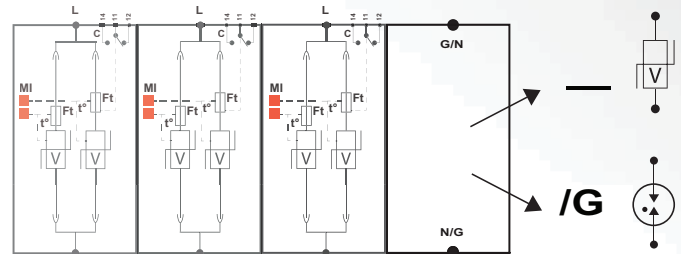
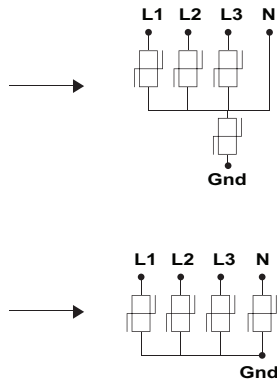
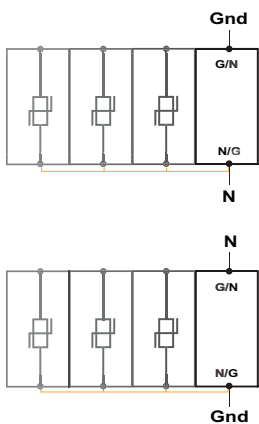


DS70U Range

**Imax
75 kA**



- **UL 1449 ed. 4 Open Type 1**
- **75kA I_{max} per mode**
- **In 20kA**
- **I_{imp} 6kA**
- **Easy to select in regards to power supply system**



| Description | DS72US-120S/G | DS73US-120T/G | DS74US-120Y/G | DS72US-230S/G | DS74US-230Y/G | DS74US-240Y/G | DS74US-240D/G | DS74US-277Y/G |
|--------------------------------------|--------------------------------|-----------------|-----------------------|--|-----------------------|-----------------------|-----------------------|----------------------------------|
| Product Part Number | 32273255 | 32273355 | 32163455 | 32193255 | 321934551 | 321934552 | 32173455 | 32143455 |
| System voltage | 120 | 120-240 | 120-208 | 230 | 230-400 | 240-415 | 240 | 277-480 |
| System | 2W+G (Single) | 3W+G (Split Ph) | 4W+G (Wye) | 2W+G (Single) | 4W+G (Wye) | 4W+G (Wye) | 3W+G (Delta) | 4W+G (Wye) |
| Maximum Operating Voltage | MCOV [V] | | | | | | | |
| | L- G | 255 | 255 | 320 | 320 | 320 | 275 | 420 |
| | L- N | 210 | 210 | 320 | 320 | 320 | - | 420 |
| | N- G | 255 | 255 | 255 | 255 | 255 | - | 320 |
| | L- L | - | 420 | 300 | - | 640 | 640 | 550 |
| Operating Current | I _c | mA | | None | | | | |
| Follow current | I _f | A | | None | | | | |
| Short Circuit Current Rating | SCCR | kA | 200 | 200 | 200 | 200 | 200 | 200 |
| Maximum Leakage Current | I _{pe} | mA | | None | | | | |
| Maximum Recommended fuse | Rating, Type | | | 200A, Class J | | | | |
| Frequency | f | Hz | | 50 - 60 | | | | |
| Nominal discharge current | I _n (8/20) | kA | 20 | 20 | 20 | 20 | 20 | 20 |
| Maximum Discharge Current | I _{max} (8/20 kA) | L- G | 75 | 75 | 75 | 75 | 75 | 75 |
| | | N- G | 100 | 100 | 100 | 100 | - | - |
| Impulse Discharge Current per phase | I _{imp} (10 / 350) | kA | 6 | 6 | 6 | 6 | 6 | 6 |
| Total Maximal Discharge Current | I _{total} (8 / 20) | kA | 100 | 100 | 100 | 100 | 100 | 100 |
| Total Maximal Discharge Current | I _{total} (10 / 350) | kA | 15 | 15 | 15 | 15 | 15 | 15 |
| Let through Voltage | U _{res} (V) at 20kA | L- G | 1200 | 1200 | 1200 | 1300 | 1300 | 1200 |
| | | L- N | 1100 | 1100 | 900 | 1300 | 1300 | - |
| | | N- G | 1200 | 1200 | 1200 | 1200 | 1200 | - |
| | | L- L | - | 2000 | 1800 | - | 2600 | 2400 |
| Voltage Protection Rating | VPR [V] | L- G | 1500 | 1500 | 1500 | 1100 | 1100 | 1000 |
| | | L- N | 800 | 800 | 700 | 1000 | 1000 | - |
| | | N- G | 1200 | 1200 | 1200 | 1100 | 1100 | - |
| | | L- L | - | 1200 | 1000 | - | 1800 | 1500 |
| Number of poles | | | 2 | 3 | 4 | 2 | 4 | 4 |
| Shipping Dimension | | Inches | 4 x 2.8 x 1.61 | 4 x 2.8 x 2.25 | 4 x 2.8 x 3.05 | 4 x 2.8 x 1.61 | 4 x 2.8 x 3.05 | 4 x 2.8 x 3.05 |
| Shipping Weight | | Oz | 9.6 | 14.4 | 17.3 | 9.6 | 17.5 | 17.5 |
| Standard's Compliance or recognition | UL1449 ed4 IEC 61643-11 ed2 | File: E326289 | Open Type 1 Type 2 | Open Type 1 Type 2 | Open Type 1 Type 2 | Open Type 1 Type 2 | Open Type 1 Type 2 | Open Type 1 Type 2 |
| Visual disconnection indicator | | | | | | | | 2 mechanical indicators per pole |
| Remote signalization | | | | 1 NO - NC dry contact switch per poles (Optional accessory to reduce to 1 per product) | | | | |
| Wiring type | | | | Screw terminal | | | | |
| Wire Minimum and maximum dimension | | AWG # | | 13 - 2 (4 if stranded wire) | | | | |
| Operating Temperature | | °F | | -40 +185 | | | | |
| Housing - Enclosure material | | | | Plastic UL 94 rated V0 | | | | |
| Mounting type | | | | DIN RAIL (Omega type) | | | | |
| Environmental rating | | IP | | IP20 | | | | |
| | | Nema | | NEMA 2 | | | | |
| Location Installation | | | | Indoor | | | | |

