

POWR-GARD® Fuse Datasheet

CYLINDRICAL FUSES

500 Volts • 0.5–100 A



Description

Littelfuse fast acting (gL-gG) fuses are used for the protection of cables against short-circuits. Time-lag (aM) fuses are used for protection of motors.

Specifications

Standards

10x38 mm: IEC 60269
14x51 mm / 22x58mm: IEC 269-2-1

Ordering Information

| BASE PART NUMBER | SIZE (mm) | CURRENT RANGE | VOLTAGE (AC) | INTERRUPTING RATING |
|------------------|-----------|-----------------|--------------|---------------------|
| CY10X38 | 10 X 38 | 0.5-16 A | 500 V | 120 kA |
| | | 20-25 A (aM) | 400 V | 120 kA |
| | | 20-25 A (gL-gG) | 500 V | 120 kA |
| CY14X51 | 14 X 51 | 32 A | 400 V | 120 kA |
| | | 2-25 A | 690 V | 80 kA |
| | | 32-40 A | 500 V | 120 kA |
| CY22X58 | 22 X 58 | 50 A | 400 V | 120 kA |
| | | 16-63 A | 690 V | 80 kA |
| | | 80-100 A | 500 V | 120 kA |

| AMPERAGE | gL-gG ORDERING NUMBERS | | | aM ORDERING NUMBERS | | |
|----------|------------------------|------------|-------------|---------------------|------------|-------------|
| | 10 X 38 | 14 X 51 | 22 X 58 | 10 X 38 | 14 X 51 | 22 X 58 |
| 0.5 | CY10X38G05 | — | — | CY10X38M05 | — | — |
| 1 | CY10X38G1 | — | — | CY10X38M1 | — | — |
| 2 | CY10X38G2 | CY14X51G2 | — | CY10X38M2 | CY14X51M2 | — |
| 4 | CY10X38G4 | CY14X51G4 | — | CY10X38M4 | CY14X51M4 | — |
| 6 | CY10X38G6 | CY14X51G6 | — | CY10X38M6 | CY14X51M6 | — |
| 8 | CY10X38G8 | CY14X51G8 | — | CY10X38M8 | CY14X51M8 | — |
| 10 | CY10X38G10 | CY14X51G10 | — | CY10X38M10 | CY14X51M10 | — |
| 12 | CY10X38G12 | CY14X51G12 | — | CY10X38M12 | CY14X51M12 | — |
| 16 | CY10X38G16 | CY14X51G16 | CY22X58G16 | CY10X38M16 | CY14X51M16 | CY22X58M16 |
| 20 | CY10X38G20 | CY14X51G20 | CY22X58G20 | CY10X38M20 | CY14X51M20 | CY22X58M20 |
| 25 | CY10X38G25 | CY14X51G25 | CY22X58G25 | CY10X38M25 | CY14X51M25 | CY22X58M25 |
| 32 | CY10X38G32 | CY14X51G32 | CY22X58G32 | CY10X38M32 | CY14X51M32 | CY22X58M32 |
| 40 | — | CY14X51G40 | CY22X58G40 | — | CY14X51M40 | CY22X58M40 |
| 50 | — | CY14X51G50 | CY22X58G50 | — | CY14X51M50 | CY22X58M50 |
| 63 | — | — | CY22X58G63 | — | — | CY22X58M63 |
| 80 | — | — | CY22X58G80 | — | — | CY22X58M80 |
| 100 | — | — | CY22X58G100 | — | — | CY22X58M100 |

Dimensions

| FUSE SIZE | DIMENSIONS mm | |
|-----------|---------------|----|
| | A | B |
| 10 X 38 | 10 | 38 |
| 14 X 51 | 14 | 51 |
| 22 X 58 | 22 | 58 |



Web Resources

For additional product information
Fuses: littelfuse.com/cy
Fuse Holders: littelfuse.com/lfpsm
littelfuse.com/cyh

Fuse Holders

| AMP RATING | POLES | SIZE | CATALOG / ORDERING # | TERMINAL TYPE | DIN RAIL MOUNT | WIRE RANGE |
|------------|-------|---------|----------------------|----------------|----------------|---------------|
| 30 A | 1 | 10 X 38 | LPSM0001Z | Pressure Plate | • | #8 – #14 AWG |
| 30 A | 2 | 10 X 38 | LPSM0002Z | Pressure Plate | • | #8 – #14 AWG |
| 30 A | 3 | 10 X 38 | LPSM0003Z | Pressure Plate | • | #8 – #14 AWG |
| 30 A | 4 | 10 X 38 | LPSM0004Z | Pressure Plate | • | #8 – #14 AWG |
| 30 A | 1 | 10 X 38 | LPSM0001ZXID* | Pressure Plate | • | #8 – #14 AWG |
| 30 A | 2 | 10 X 38 | LPSM0002ZXID* | Pressure Plate | • | #8 – #14 AWG |
| 30 A | 3 | 10 X 38 | LPSM0003ZXID* | Pressure Plate | • | #8 – #14 AWG |
| 30 A | 4 | 10 X 38 | LPSM0004ZXID* | Pressure Plate | • | #8 – #14 AWG |
| 50 A | 1 | 14 X 51 | CYH14511 | Pressure Plate | • | #2 – #14 AWG |
| 50 A | 2 | 14 X 51 | CYH14512 | Pressure Plate | • | #2 – #14 AWG |
| 50 A | 3 | 14 X 51 | CYH14513 | Pressure Plate | • | #2 – #14 AWG |
| 100 A | 1 | 22 X 58 | CYH22581 | Pressure Plate | • | 1/0 – #10 AWG |
| 100 A | 2 | 22 X 58 | CYH22582 | Pressure Plate | • | 1/0 – #10 AWG |
| 100 A | 3 | 22 X 58 | CYH22583 | Pressure Plate | • | 1/0 – #10 AWG |

* Indicating

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