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### General Purpose Fuses

#### KLPC Series CLASS L
KLPC series POWR-PRO fuses provide ideal overcurrent protection for service switches, switchboard mains and feeders, bolted pressure contact switches, motor control centers, transformers, power circuit protection, and other applications requiring 200 - 6000 amperes.

- **Voltage Rating:**
  - 600 VAC / 480 VDC
- **Interruption Rating:**
  - 300,000 AC / 20,000 DC amperes
- **Ampere Range:**
  - 200 - 6000 amperes
- **Time Delay**

#### CCMR Series Class CC/CD
The CCMR series POWR-PRO CC fuses are true dual element, time-delay fuses specifically engineered for space-saving motor branch circuit protection. These fuses are recommended for motor circuits up to 40 HP and for general purpose circuits up to 60 amps.

- **Voltage Rating:**
  - 600 VAC (contact factory for DC voltages)
- **Interruption Rating:**
  - 300,000 AC amperes
- **Ampere Range:**
  - CC 2/10 - 30A
  - CD 20/35 - 60A
- **Time Delay**

#### LLSRK_ID Series CLASS RK1
Littelfuse LLSRK_ID series fuse is the most advanced Class RK1 fuse available today providing unparalleled performance and protection to modern circuits. The patented Indicator technology provides instant identification of a blown fuse greatly enhancing system uptime, while the precision formed short circuit elements virtually eliminate damage to components from unexpected electrical faults.

- **Voltage Rating:**
  - 600 VAC / 300 VDC
- **Interruption Rating:**
  - 200,000 AC amperes
  - 300,000 AC amperes (Littelfuse self certified)
  - 20,000 DC amperes
- **Ampere Range:**
  - 1/10 - 600 amperes
- **Time Delay**

#### LLNRK / LLSRK Series CLASS RK1
Littelfuse LLNRK and LLSRK series POWR-PRO fuses provide superior overload and short circuit protection for general purpose (service entrance, main, feeder, and branch) circuits and for circuits with high inrush currents (motors, transformers, and solenoids).

- **Voltage Rating:**
  - 250 VAC / 125 VDC (LLNRK)
  - 600 VAC / 300 VDC (LLSRK)
- **Interruption Rating:**
  - 300,000 AC / 20,000 DC amperes
- **Ampere Range:**
  - 1/10 - 600 amperes
- **Time Delay**

#### JTD_ID Series CLASS J
The Littelfuse JTD Indicator fuse provides visual indication when the fuse has blown and maximum protection in a compact package. Ideal for use with motors, transformers, solenoids, and general purpose circuits with limited space.

- **Voltage Rating:**
  - 600 VAC (contact factory for DC voltages)
- **Interruption Rating:**
  - 300,000 AC amperes (Littelfuse self-certified)
- **Ampere Range:**
  - 8/10 - 600 amperes
- **Time Delay**

#### LDC Series CLASS L
LDC series fuses are the first UL Listed 600 volts AC and DC Class L fuse. They are recommended for UPS protection, DC distribution, DC variable speed drives, crane rail circuits and other large DC equipment, mass transit systems, and general purpose main, feeder, and branch circuits.

- **Voltage Rating:**
  - 600 VAC / 600 VDC
- **Interruption Rating:**
  - 200,000 AC / 50,000 DC amperes
- **Ampere Range:**
  - 150 - 2000 amperes
- **Time Delay**
General Purpose Fuses

KLLU Series CLASS L

The general purpose KLLU Class L fuse provides high quality protection at a slightly lower cost than the POWR-PRO KLPC version. These fuses are recommended for use in service switches, switchboard mains and feeders, bolted pressure contact switches, motor control center mains, and large motor branch circuits.

- **Voltage Rating:**
  600 VAC (contact factory for DC voltages)
- **Interrupting Rating:**
  200,000 AC amperes
- **Ampere Range:**
  601 - 4000 amperes
- **Time Delay**

**Approvals:**

Sample part #: KLLU-1000

KLLU replaces competitor’s: KLU, A4BT

KLDR/KLKR Series CLASS CC

Three types of Class CC fuses provide protection for a variety of components. The KLDR series fuses are designed to withstand the high magnetizing inrush of transformers. The KLKR series fuses are used to protect equipment requiring fast response to faults. (Refer to the POWR-PRO section for information on the CCMR series motor protection fuses).

- **Voltage Rating:**
  600 VAC / 300 VDC
- **Interrupting Rating:**
  200,000 AC / 20,000 DC amperes
- **Ampere Range:**
  1/10 - 30 amperes
- **Time Delay**
  • Fast Acting

**Approvals:**

Sample part #: KLKR-10

KLKR replaces competitor’s: ATMR, HCLR
KLDR replaces competitor’s: ATQR, HCTR

KLNR/KLSR Series CLASS RK1

The KLNR/KLSR series Class RK1 fuses are extremely current limiting and provide fast-acting overload and short-circuit protection. They are recommended for use with resistance heaters, lighting circuits, and other non-inductive loads up to 600 amperes.

- **Voltage Rating:**
  250 VAC / 125 VDC (KLNR)
  600 VAC (KLSR) (contact factory for DC voltages)
- **Interrupting Rating:**
  200,000 AC / 20,000 DC amperes
- **Ampere Range:**
  1 - 600 amperes
- **Fast Acting**

**Approvals:**

Sample part #: KLNR-200

KLNR replaces competitor’s: KTNR, A2KR
KLSR replaces competitor’s: KTSR, A6KR

JLS Series CLASS J

JLS series fuses provide space-saving, fast-acting protection for non-inductive loads. The fuse characteristics are similar to the KLNR/KLSR series RK1 fuses, but are much smaller in size. They are also recommended for use with resistance heaters, lighting circuits, and other non-inductive loads up to 600 amperes.

- **Voltage Rating:**
  600 VAC
- **Interrupting Rating:**
  200,000 amperes
- **Ampere Range:**
  1 - 600 amperes
- **Fast Acting**

**Approvals:**

Sample part #: JLS-200

JLS replaces competitor’s: JKS, A4J

FLNR_ID/FLSR_ID Series CLASS RK5

The Littelfuse FLNR_ID and FLSR_ID Indicator fuses provide visual indication when the fuse has blown, reducing down time and increasing safety. Ideal for use with all general-purpose circuits, motors, transformers, solenoids, fluorescent lighting, and all system components with high inrush currents.

- **Voltage Rating:**
  250 VAC / 250 VDC (FLNR_ID)
  600 VAC / 300 VDC (FLSR_ID)
- **Interrupting Rating:**
  200,000 AC / 20,000 DC amperes
- **Ampere Range:**
  1 - 600 amperes
- **Fast Acting**

**Approvals:**

Sample part #: FLSR-200ID

FLNR_ID replaces competitor’s: FRNR, TRNR
FLSR_ID replaces competitor’s: FRSR, TRS

JLLN/JLLS POWER-T Series CLASS T

POWR-GARD Products space saving POWER-T fuses provide fast-acting overload and short circuit protection for non-inductive circuits. These fuses are recommended to protect individual electric services and meters, main switch meter stacks, and similar equipment.

- **Voltage Rating:**
  300 VAC / 125 VDC (JLLN)
  600 VAC / 300 VDC* (JLLS)
- **Interrupting Rating:**
  200,000 AC / 20,000 DC amperes
- **Ampere Range:**
  1 - 1200 amperes
- **Fast Acting**

**Approvals:**

Sample part #: JLLN-100

JLLS-035

JLLN replaces competitor’s: A3T, TJN
JLLS replaces competitor’s: A6T, TJS

For technical information on any of the products in this short form catalogue
Please visit www.fusetek.com

Approvals:
General Purpose Fuses

**NLN/NLS Series CLASS K5**

NLN and NLS series fuses provide low cost protection for general purpose feeder and branch circuits.

- **Voltage Rating:**
  - 250 VAC / 250 VDC (NLN)
  - 600 VAC (contact factory for DC voltages (NLS))
- **Interrupting Rating:**
  - 50,000 AC amperes (contact factory for DC amps)
- **Ampere Range:**
  - 1 - 600 amperes
- **One-Time Fuse**

**Approvals:**

- UL

**Sample part #:** NLS-125

NLN replaces competitor's: NON, OT
NLS replaces competitor's: NOS, OTS

**SLC Series CLASS G**

The unique design of Littelfuse's compact SLC series Class G fuses provide size rejection to insure correct fuse replacement. These low-cost, space-saving fuses are recommended for use with both non-inductive and inductive loads with limited inrush currents.

- **Voltage Rating:**
  - 600 VAC (1/2–20A), 480 VAC (25–60A)
- **Interrupting Rating:**
  - 100,000 AC amperes
- **Ampere Range:**
  - 1/2 - 60 amperes
- **Medium Time Delay**

**Approvals:**

- UL

**Sample part #:** SLC-10

SLC replaces competitor's: SC, AG

**PLUG Fuses Normal Blow & “P” Rated**

**GP** – For general purpose circuit protection.
**TD** – Medium time-delay fuses. Recommended for general purpose branch-circuit protection.

- **Voltage Rating:**
  - 125 VAC
- **Ampere Range:**
  - 15, 20, 25, 30 amperes
- **Time Delay or Medium Time Delay**

**Approvals:**

- UL

**Sample part #:** GP-15, TD-15

**IDSR Indicator™ Series CLASS RK5**

The Littelfuse IDSR Indicator fuse was designed specifically for DC applications. It offers 600 volt AC/DC rating along with visual blown fuse indication. Ideal for use with general purpose circuits, motors, transformers, solenoids, fluorescent lighting, and all system components with high inrush currents.

- **Voltage Rating:**
  - 600 VAC / 600 VDC
- **Interrupting Rating:**
  - 300,000 AC / 20,000 DC amperes
- **Ampere Range:**
  - 1/10 - 600 amperes
- **Time Delay**

**Approvals:**

- UL

**Sample part #:** IDSR-126

IDSR replaces competitor's: FRSR, TRS

**Form II Class C, CA/CB**

Form II class C, CA/CB Series fuses are a British dimension current limiting HRC fuse with very compact dimensions. They are used for a wide variety of control applications where excellent current limitation and compact dimensions are required. 'C' Series fuses can be used on any 600Vac or less circuit.

- **Voltage Rating:**
  - 600VAC
- **Interrupting Rating:**
  - 200kA @ 600VAC
- **Ampere Range:**
  - 2 - 600 amperes

**Approvals:**

- UL

**Sample part #:** CIA-015

**Red Spot Fuse Holders**

‘Red Spot’ fuse holders are fully shrouded fuse holder designed to accept standard Class C or CA type fuses. The fuses bolt into the handle, which serves as an insertion and withdraw tool, as well as covering all live parts when the fuse is being installed or withdrawn.

- **Voltage Rating:**
  - 600VAC
- **Ratings:**
  - 20,30,60,100,200,400A
- **Connection:**
  - Front, Front/Back, Back

**Approvals:**

- UL

**Sample part #:** CIA-015

- For technical information on any of the products in this short form catalogue
  Please visit www.fusetek.com
Midget Fuses

Littelfuse offers several series of midget fuses that provide supplementary protection in such applications as: control circuits, street lighting, computers, DC circuits, solenoids, small motors, and transformers. Available in fast-acting and time-delay versions in a variety of voltage, ampere, and interrupting ratings.

- Voltage Rating: 32 - 1000 VAC
- Interrupting Rating: 10,000 - 200,000 AC amperes (10,000 DC amp fuse available)
- Ampere Range: 1/10 - 30 amperes
- Time Delay: FLA, FLM, FLQ, KLQ
- Fast Acting: BLF, BLN, BLS, FLU, KLK, KLKD

Sample part #: KLK-15

Approvals: 

Selected Electronic Fuses:

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<thead>
<tr>
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<th>Type</th>
<th>Voltage Rating</th>
<th>Ampere Range</th>
<th>Time Delay</th>
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<td>32 VAC</td>
<td>1/100 - 10 amps</td>
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<tr>
<td>313/315</td>
<td>3AG</td>
<td>32 VAC</td>
<td>1/100 - 8 amps</td>
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<tr>
<td>313/315</td>
<td>SLO-BLO®</td>
<td>32 VAC</td>
<td>1/100 - 10 amps</td>
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<tr>
<td>313 Indicator</td>
<td>3AG</td>
<td>32 VAC</td>
<td>1/100 - 8 amps</td>
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<td>314/324</td>
<td>3AB</td>
<td>32 VAC</td>
<td>1/100 - 10 amps</td>
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<td>326/325</td>
<td>3AB</td>
<td>32 VAC</td>
<td>1/100 - 10 amps</td>
<td></td>
</tr>
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</table>

Sample part number: 0313010.vxid

Electronic Fuses

Littelfuse supplies numerous Slo-Blo®, fast-acting, and indicating fuses, used in a variety of electrical, electronic, and communications equipment to provide superior protection.

Cartridge Type: 312, 313, 215, 216, 217, 218, 314, 326

Axial Lead Type: 318, 315, 324, 325

- Voltage Rating: 32 - 250 VAC
- Interrupting Rating: 35 - 10,000 amperes
- Ampere Range: 1/100 - 30 amperes
- Slo-Blo®: 313, 315, 325, 326, 215, 218,
- Fast Acting: 312, 318, 314, 324, 216, 217
- Indication: 313_ID, 2AG, 229.S

Approvals: 

Fuse Holders & Blocks

Fuse Blocks

Fuse blocks are available for Class H/K5, Class R, Class J, Class T, Class G, Class CC, Midget. Integral blown fuse indication.

- Voltage Rating: 250 & 600VAC
- Ampere Range: 30 - 600A

Approvals: 

Fuse Block Covers

Improves safety to personnel by minimizing contact with energized parts. Available for Class H/R, J, CD, CC, T and Midget style fuses up to 100 amps.

Approvals: 

For technical information on any of the products in this short form catalogue
Please visit www.fusetek.com
Fuse Holders & Bloks

POWR-SAFE “Dead Front” Holders
Littelfuse POWR-SAFE holders provide optimum protection to personnel. These DIN-Rail mountable holders are available in indicating and non-indicating versions for Class CC, Midget,

- Voltage Rating: 600VAC
- Amp Rating: 30A, 200A, 400A
- Poles: 1, 2, 3
- Approvals: 

Sample part #: Midget - LPSM001Z
Class CC - LPSC002ZID

POWR-BLOKS
POWR-BLOKS power distribution blocks offer a safe, convenient way of splicing cables, providing a fixed junction tap-off point or splitting primary power into secondary circuits. Lx2xxx-DIN series offers integral DIN-Rail mount and an optional hinged safety cover.

- Voltage Rating: 600VAC
- Material: Phenolic rated at 150°C and Thermoplastic rated at 125°C (LD1400 and LS1300 series only)
- Approvals:

Sample part #: Class J 30A 31932.000
Class J 60A 31923.000

Refer to LD or LFD in the Littelfuse Powr-Gard catalogue

Class J 30 & 60Amp Holders
Class J 30 & 60Amp holders provide optimum protection to personnel. These DIN-Rail mountable holders are available in indicating and non-indicating versions.

- Voltage Rating: 600VAC
- Amp Rating: 30, 60A
- Poles: 1, 2, 3
- Approvals: 

Sample part #: Class J 30A 31284.000
Class J 60A 31800.000

With Indication
Sample part #: Class J 30A 31932.000
Class J 60A 31923.000

Class J 100, 200 & 400Amp Blocks
POWR-BLOKS Global Distribution Blocks add safety and mounting versatility to our distribution block solutions. The Global Distribution Blocks are IP20 finger safe to reduce the risk of contact and eliminates the need for block or panel covers.

- Voltage Rating: 600VAC
- Amp Rating: 80 - 310A
- Poles: 1, 2, 3
- Approvals: 

Sample part #: Class J 100A 33306.000
Class J 200A 33307.000
Class J 400A 33308.000

GDB Distribution Block Finger Safe
POWR-BLOKS Modular-designed Semiconductor fuse blocks are designed to accommodate a wide range of Semiconductor fuses, with a maximum diameter of 3". This modular design greatly reduces inventory requirements. They are sold in pairs.

LSCR001 - 600VAC for use up to 400Amp
LSCR002 - 600VAC for use up to 800Amp

Class J 100, 200 & 400Amp Blocks
- Voltage Rating: 600VAC
- Amp Rating: 30A, 60A, 100A, 200A, 400A
- Poles: 1, 2, 3

Sample part #: Class J 30A 31284.000
Class J 60A 31800.000
Class J 100A 33306.000
Class J 200A 33307.000
Class J 400A 33308.000

For technical information on any of the products in this short form catalogue
Please visit www.fusetek.com
Panel Mounted Fuseholders

- **571 series / 572 Snap mount**
  - Panel mount fuseholders are available for Midget or Class CC fuses.
  - Voltage Rating: 600 volts
  - Ampere Rating: 30 amperes
  - Approval: UL

We can supply panel mount fuse holders for 2AG, 3AG & 5x20mm fuses. Refer to 345 series.

Sample part # M 571-007

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**Fuse Holders - Reducers - Pullers - Clamps**

**Class CC & Midget Fuse Holder**

- **Fuse Types:** Class CC & Midget
- **Voltage Rating:** 600V (CSA/UL) 1000VDC - Solar
- **Ampere Rating:** 30A
- **Poles:** 1, 2, 3
- **SCCR:** Class CC - 200kA Midget - 50kA with KLK fuse
- **Terminal Style:** Box Connector
- **Wire size:** 1 wire #18-#4 AWG or 2 wires #18-#6 AWG

Sample part # Class CC: 31298.000
Sample part # Midget: 31110.000
Sample part # Midget Non-Indicating: 31110.000
Sample part # Midget Indicating: 31130.000

**Approvals:** UL

**In-Line Watertight Fuseholders**

**LEB/LEC, LEX/LEY & LET series**

- Littelfuse's 600 volt in-line watertight fuse holders are available in both break-away and non-breakaway styles, single and double pole versions, allowing maximum flexibility for any application. Designed for use with Class CC and Midget style fuses up to 30 amps. Single pole solid neutral holders are also available.

- **Voltage Rating:** 600VAC
- **Amp Rating:** up to 30A,
- **Interrupting Rating:** 200kA (with Class CC fuse)

**Approvals:** UL

**LHFB001 Inline Fuse Holder**

- The Littelfuse LHFB waterproof inline fuse holder is ideal for harsh environments. The easy to assemble one-piece molded thermoplastic body is a bright green color for high visibility. The LHFB holder accepts #12 to #18 gauge wire and features the voltage and amperage rating molded into the body, along with a wire strip gauge. Withstands solvents and vibration, for use with 1/4” x 1-1/4” fuses.

- **Voltage Rating:** 32V
- **Ampere:** 30A

**Approvals:** UL

**Fuse Reducers**

- Fuse reducers allow smaller size fuses to be installed in existing fuse clips. For use with 250 & 600V Class H/R and J class fuses.
  - Simple installation
  - Reduces inventory requirements
  - Silver brazed joints for maximum strength

**Approvals:** UL

**POWR-JAW Clip Clamps**

- For improving contact between fuse and clips. Clip clamps minimize poor clip contact due to loss of spring force.

**Approvals:** UL

**Fuse Pullers**

- For safe fuse installation and removal. Available in 3 sizes and ergonomically designed for comfort.

**Approvals:** UL

For technical information on any of the products in this short form catalogue
Please visit www.fusetek.com
Littelfuse Special Purpose fuses are designed for specialty applications. They provide protection to lighting systems, battery operated equipment, and service entrance conductors. Available in a wide range of voltage and ampere ratings to accommodate a variety of applications.

### Automotive Fuses
- **Voltage Rating:** 32V AC/DC
- **Ampere Range:** 1 - 500 amperes
- **Slo-Blo:** MAXI™ (299 series), MEGA®, MIDI®
- **Fast Acting:** ATO® (257 series) MINI® (297 series)

### Lighting Fuses
#### LGR series fuses
- **Fast-Acting**
  - 300 VAC
  - 1/2 - 15 amps
  - 10,000 AIR

#### LMF series fuses
- **Time-Delay**
  - 300 VAC
  - 3/10 - 10 amps
  - 10,000 AIR

### Multimeter Fuses
- **Voltage Rating:** 1000VAC
- **Interrupting Rating:**
  - FLU.440 10kA
  - FLU 011 20kA
- **Ampere Range:**
  - FLU44 - 1Amp
  - FLU11 - 15Amp

### Daito fuses
- Daito fuses are frequently used in machine tools, CNC and robotic equipment, telecommunications and equipment from Fanuc, Yaskawa, Toshiba and NEC.
- They are AC/DC rated fuses with an integral alarm contact that is closed on fuse operation, signalling that the fuse has operated. They are a unique size and cannot be interchanged with other fuse types.

#### Fuse Types:
- MP, SMP/SDP,G,P3,P4, P4H,P4L,SP3,SP4,HP

#### Voltage Rating:
- 60 - 250VAC/DC

#### Ampere Rating:
- 0.32A - 15A

#### Interrupting Rating:
- Up to 10kAIR

### Approvals:
- UL
- E MARK
- CNS
- 1000VAC/DC UL

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**Sample part number:** MIN-25

**Approvals:**
- UL

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**Sample part number:** FLU44

**Approvals:**
- UL

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**Sample part number:** 7017240

**Approvals:**
- UL

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For technical information on any of the products in this short form catalogue
Please visit www.fusetek.com
Telecomm Fuses

Specifically designed for use with Telecommunications circuits. Littelfuse products provide reliable protection to sensitive DC power distribution systems. The compact design and multiple mounting configurations allow flexibility for the designer.

TFCF 600V Capacitor fuses
TFCF fuses are current limiting fuses designed for the unit fusing of 600v (or less) capacitors. They are threaded for M12 metric capacitor bushings, but may be adapted to other thread patterns with the adapters shown below.

Voltage Rating: 600VAC
Ampere Rating: 10, 15, 20, 25, 30, 35, 40, 50, 60, 70, 80, 90, 100, 125, 150, 175, 200A
Interrupting Rating: 200kA
Approval: 
Sample part # TFCF-125

Metric/UNC Adapters
Material - unplated free cutting brass

<table>
<thead>
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<th>Stud</th>
<th>Receptacle</th>
<th>P/N</th>
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<td>3/8-16unc</td>
<td>M12</td>
<td>S38-R12</td>
<td></td>
</tr>
<tr>
<td>1/2-13unc</td>
<td>M12</td>
<td>S13-R12</td>
<td></td>
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<tr>
<td>1/2-13unc</td>
<td>M16</td>
<td>S13-R16</td>
<td></td>
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<tr>
<td>M12</td>
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<td>S12-R38</td>
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<td>M16</td>
<td>1/2-13unc</td>
<td>S16-R13</td>
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</tr>
<tr>
<td>M10</td>
<td>M12</td>
<td>S10-R12</td>
<td></td>
</tr>
</tbody>
</table>

TCCF 2.4/4.8kV Capacitor fuses
TCCF fuses are current-limiting, partial range fuse designed for the individual unit fusing of three phase capacitors in metal enclosed equipments. They are non-indicating and non-disconnecting.

- Direct stud-mounting on 1/2-13 capacitor studs eliminates separate holder.
- replaces Westinghouse, GE and some McGraw fuses
- Adapters are available below to convert to other stud threads

Voltage Rating: 2.4kV: 100A & 125A
4.8kV: 25A - 75A
Ampere Rating: 25, 50, 75, 100, 125
IR Rating: 50kA
Sample part # TCCF-125

SIBA Capacitor fuses
Siba capacitor fuses offer increased voltage and amp ratings for larger capacitor applications. They feature ceramic bodies and higher interrupting ratings. Imperial UNC thread pattern is standard. Metric styles also available.

Voltage Rating: 4.8kV, & 7.2kV, 15.5kV
Ampere Rating: 6.3A - 200Amp
Interrupting Rating: 63kA

Approvals: 

70 series alarm fuses
70 VDC
125 VAC, 300 VDC
100ma - 10 amps
1000 amps I.R.

481 series alarm fuses
125V AC/DC
18/100 - 20 amps
1000 amps I.R.

LTDF series disconnect switches
60-145 VDC
1 - 1200 amps

For technical information on any of the products in this short form catalogue
Please visit www.fusetek.com
Littelfuse Semiconductor fuses are very fast acting fuses designed specifically for the protection of diodes, thyristors, triacs, and other solid-state power semiconductor devices. These fuses are used in power electronic applications including variable speed drives, power rectifiers, UPS systems, and DC power supplies. They can be used wherever extremely fast-acting, current-limiting fuses are needed to provide superior protection against the potentially damaging effects of short circuit currents.

The extensive line of Littelfuse Semiconductor fuses includes the traditional round body fuses, enhanced state-of-the-art round body fuses, and North American style square body fuses. Available ratings range from 150 to 1300 volts up to 6000 amps.

- Voltage Rating: 150-1300 VAC, 150-1000VDC
- Interrupting Rating: 100,000-200,000 AC amperes
- Ampere Range: 1 - 6000 amperes

Sample part number: LA50QS250-4

<table>
<thead>
<tr>
<th>Series</th>
<th>Voltage Rating</th>
<th>Interrupting Rating</th>
<th>Ampere Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA15QS Series</td>
<td>150V AC/DC</td>
<td>100,000 amperes</td>
<td>1 - 6000 amperes</td>
</tr>
<tr>
<td>LA30QS Series</td>
<td>300V AC/DC</td>
<td>200,000 amperes</td>
<td>35 - 4500 amperes</td>
</tr>
<tr>
<td>LA50QS Series</td>
<td>500V AC/DC</td>
<td>200,000 amperes</td>
<td>35 - 1200 amperes</td>
</tr>
<tr>
<td>LA60Q Series</td>
<td>600 VAC</td>
<td>200,000 amperes</td>
<td>5 - 40 amperes</td>
</tr>
<tr>
<td>LA60X Series</td>
<td>600 VAC</td>
<td>100,000 amperes</td>
<td>70 - 2000 amperes</td>
</tr>
<tr>
<td>LA70QS Series</td>
<td>700V AC/DC</td>
<td>200,000 amperes</td>
<td>35 - 800 amperes</td>
</tr>
<tr>
<td>LA70QS French Cylindrical Series</td>
<td>690 VAC/700 VDC</td>
<td>200,000 amperes</td>
<td>1 - 6000 amperes</td>
</tr>
<tr>
<td>LA10P Series</td>
<td>1000 VAC/750 VDC</td>
<td>100,000 amperes</td>
<td>15 - 1000 amperes</td>
</tr>
<tr>
<td>LA120X Series</td>
<td>1200 VAC/1000 VDC</td>
<td>100,000 amperes</td>
<td>1/2 - 30 amperes</td>
</tr>
<tr>
<td>LA070URD Series</td>
<td>700V AC/DC</td>
<td>200,000 amperes</td>
<td>40 - 2500 amperes</td>
</tr>
<tr>
<td>LA130URD Series</td>
<td>700V AC/DC</td>
<td>100,000 amperes</td>
<td>10 - 1200 amperes</td>
</tr>
<tr>
<td>LA15S Series</td>
<td>150V AC/DC (1-60A), 150 VAC</td>
<td>200,000 amperes</td>
<td>1 - 1000 amperes</td>
</tr>
<tr>
<td>LA25S Series</td>
<td>250V AC/DC (1-200A), 250 VAC (225-800A), 200 VDC (225-800A)</td>
<td>200,000 amperes</td>
<td>1 - 800 amperes</td>
</tr>
<tr>
<td>LA5S Series</td>
<td>500 VAC/450 VDC</td>
<td>200,000 amperes</td>
<td>10 - 1200 amperes</td>
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<tr>
<td>LA60S Series</td>
<td>600 VAC</td>
<td>200,000 amperes</td>
<td>1 - 800 amperes</td>
</tr>
<tr>
<td>LA70S Series</td>
<td>700V AC/650 VDC</td>
<td>200,000 amperes</td>
<td>10 - 1200 amperes</td>
</tr>
</tbody>
</table>

For technical information on any of the products in this short form catalogue, please visit www.fusetek.com
British semiconductor fuses (BS88)

These fuses are British dimension, ultra fast acting types for the protection of semiconductor devices such as diodes, rectifiers, SCR's, thyristors, soft starts or inverters.

- High interrupting rating 100 kA
- Voltage rating AC 240 V – AC 700 V
- Protection of Power Semiconductors according to IEC 60269-4
- Complies with BS 88 Standard
- with or without striker for microswitch operation.
- Class aR 5 A – 900 A according to IEC 60269-4

Cylindrical ultra-rapid

These fuses are available in 6 different sizes. They can be fitted with or without built-in striker pin for fuse blown indication or operation of microswitches.

- Approval:
- Standard: IEC 60269-1 and -4
- DIN VDE 0636-23
- UL 248-13
- Class: gR/aR/gRL
- Current ratings: 125 mA – 200 A
- Size and voltage rating:
  - 5 x 20 mm: AC 250 V
  - 6.35 x 32 mm: AC 500 – 1000 V
  - 10 x 38 mm: AC 600 – 1000 V
  - 14 x 51 mm: AC 500/600V – 690/700 V
  - 22 x 58 mm: AC 500/600 V – 690/700 V
  - 27 x 60 mm: AC 660 V – 1000 V
- Fuse-Bases / Fuse-Clips and Accessories are available

Metric Ferrule Fuses

Voltage Rating: 250, 380, 450, 500, 600, 660, 690, 700, 1000VAC
Ampere Rating: 0.032A - 100A
Speed: aM, FF, F, gL, gR, T
Sizes: 5x20mm, 6x32mm, 8x32mm, 10x38mm, 14x51mm, 22x58mm

Approvals:

Usually found in imported equipment. Available in the following characteristics;

- F = Fast - overload and short circuit.
- M = medium - overload and short circuit.
- FF = Ultrafast - short circuit only.
- gL = General purpose-overload and short circuit.
- aM = Motor circuit - short circuit only.
- gR = Ultrafast-overload and short circuit.
- gRL= Branch rated & short circuit.

Not all Ferrule fuses carry the CSA or cRU. For additional information see Fusetek Specialty Catalogue or visit www.fusetek.com

Eurofuses Bottle and NH

European fuses are used in imported equipment, or in projects destined overseas. Eurofuses are available in two broad categories - bottle fuses and square body fuses. Both categories have many different types within the group. All European fuses are current and energy limiting.

Operating classifications:

gL, gG, General purpose characteristic for distribution
aM Back up characteristic for motor circuits
gR Ultrafast characteristic for semiconductor circuits.

Voltage Rating: 380 - 690V
Ampere Rating: 2 - 750A
Interrupting Rating: 100 - 120kA
Speed: aR, gG, gR, gRL
Sizes: 00, 000, 1, 2, 3
Standards: IEC, CE

Eurofuses  Bottle and NH

European fuses are used in imported equipment, or in projects destined overseas. Eurofuses are available in two broad categories - bottle fuses and square body fuses. Both categories have many different types within the group. All European fuses are current and energy limiting.

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Interrupting Rating: 100 - 120kA
Speed: aR, gG, gR, gRL
Sizes: 00, 000, 1, 2, 3
Standards: IEC, CE

URS Square Body Rectifier Fuses

DIN 43625 fuses come in 5 case sizes - 000, 00, 1, 2, & 3. Within these case sizes - UR fuses come in two voltage ratings (700 & 1400Vac) and two fixing centers (80 and 110mm). These fuses can easily be fitted with a microswitch for remote annunciation, or may be used without this option.

Voltage Rating: 700 - 1400VAC
Ampere Rating: 50 - 3000A
Interrupting Rating: 200kA
Sizes: 1, 2, 3 and 4
Standards: UL

Matching fuse bases available
Solar

KLKD series
Fast-acting, high-interrupting capacity, current-limiting type fuse. Especially suited for DC control circuits and Solar string fusing.
- 600VAC/DC
- CSA/UL Approved
- 1 - 30A
- 50kAIR DC

Approvals: 

Sample part number: KLKD-15

SPF series
The SPF Solar Protection Fuse series has been specifically designed for the protection of photovoltaic (PV) systems. This family of Midget style fuses (10 x 38 mm) can safely protect PV modules and conductors from reverse overcurrent conditions.

Voltage Rating: 1000 VDC
Amperage Rating: 1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 20, 25, 30
Max. Interrupting Rating: 20 kA

Approvals: 

Sample part number: SPF030

SPFR series
The SPFR series was designed to meet the growing needs of the solar industry with higher amperage and voltage requirements. It was developed specifically for solar applications ranging from 250 A to 400 A.

Voltage Rating: 1000 VDC
Ampere Ratings: 250, 300, 350 and 400 A
Interrupting Rating: 10kA
Fuse Type: Fast-Acting

Approvals: 

Sample part number: SPFR-200

SPFJ series
The SPFJ series is the smallest 1000 VDC 70-450 A photovoltaic fuse available in the market. The SPFJ series is manufactured in Class J case sizes that allows for both fuse holder and busbar mounting configuration.

Voltage Rating: 1000 VDC
600 VAC (125-450 A)
Amperage Rating: 70, 80, 90, 100, 125, 160, 200, 250, 300, 350, 400, 450
Interrupting Rating AC: 200 kAIC (125-450 A)
DC: 70-200 A: 20 kAIC
250-400 A: 10 kAIC
450 A: 20 kAIC

Approvals: 

Sample part number: SPFJ100

LPHV Series
1000VDC POWR-SAFE “Dead Front” Holders
The LPHV midget fuse holder series is a touch-safe design providing protection to personnel when installing and removing fuses. The compact fuse holder mounts quickly onto 35 mm din rail decreasing panel layout and assembly time. It has been self-certified to stringent Littelfuse standards for applications upwards of 1000VDC when used with the Littelfuse SPF or FLU midget fuse series.

Voltage Rating: 1000 VDC
Amperage Rating: 30 amperes
Approval: Self-certified with SPF & FLU fuses
Approval: CSA/UL Listed

Sample part #: Midget - LPSM001Z
Class CC - LPSC0002ZID

Approvals: 

Sample part number: SPF030

For technical information on any of the products in this short form catalogue Please visit www.fusetek.com
Solar

**LFJ1000 Solar Series**

The LFJ1000 series fuse block is specifically designed for the Littelfuse SPFJ 1000 V Solar Fuse. It meets UL electrical requirements, is available in multiple amperages, and comes in a variety of fuse mounting and termination configurations; fuse clip to box lug, fuse stud to wire stud and fuse clip to wire stud.

**Voltage Ratings:** 1000 VDC  
**Ampere Ratings:** 200, 400, 450 A  
**Flammability Rating:** UL94 V-0  
**Termination Type:** Box Lug or Stud Mount

Sample part # 7017240-00.315

---

**5106304.DC 1000V 10mm x 38mm Fuse Holder**

- 30A / 1000VDC  
- Din-Rail mountable  
- Non Indicating  
- 1 & 2 Pole  
- Gangable

Sample part # 5019906-10

---

**Overview of standard PV products Available**

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>RATED VOLTAGE</th>
<th>RATED CURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>MM/SIZE</td>
<td>V</td>
<td>A</td>
</tr>
<tr>
<td>6.3 X 32</td>
<td>400VDC</td>
<td>6.3 - 20</td>
</tr>
<tr>
<td>10 X 38</td>
<td>1000VDC</td>
<td>0.5 - 20 **</td>
</tr>
<tr>
<td>14 X 51</td>
<td>1000VDC</td>
<td>10 - 25</td>
</tr>
<tr>
<td>10 X 51</td>
<td>1100VDC</td>
<td>6 - 20</td>
</tr>
<tr>
<td>10 X 85</td>
<td>1100VDC</td>
<td>2 - 20</td>
</tr>
<tr>
<td>NH1</td>
<td>1100VDC</td>
<td>50 - 200*</td>
</tr>
<tr>
<td>NH3</td>
<td>1100VDC</td>
<td>50 - 400</td>
</tr>
<tr>
<td>20 X 127</td>
<td>1500VDC</td>
<td>2 - 63</td>
</tr>
</tbody>
</table>

* UL pending  
** cUL rec.

For technical information on any of the products in this short form catalogue  
Please visit www.fusetek.com
The new AMBUS ® EasyLiner is a cost saving solution to building positive solar combiner assemblies. Fuse holders mount directly to busbar, insuring good connection, cool running and simplifies assembly up to 40 strings.

**Advantages**
- Time and cost savings
- Fuse holders mount directly to the busbar, simplifying system
- Minimizes assembly and wiring
- System uses standard bus bars, terminals and supports

Fuse holder part No.
- 31572 - mounts on 20x5/10mm
- 31570 - mounts on 30x5/10mm

**Voltage Rating:** 1000VDC  
**Ampere Rating:** 30A  
**Max Current:** 630A

---

**DC Isolator switches**

Our Solar Isolator range has been specifically developed as a True DC load-break switch for DC applications up to 1000VDC

**Voltage Rating:** 1000 VDC  
**Current:** 16A - 400A  
**Poles:** 2 - 8 poles  
**Mount:** Panel, Enclosed, Base mount, Door interlock  
**Lockable:** Yes  
**Approvals:** UL, IEC

Available in either Lever Actuator, Rotary Actuator.

**SolarCube**

The IMO Solar Cube is a PLC based controller for positioning & controlling solar tracking arrays. It has the flexibility to adapt to any installation and features integrated data logging capability for energy reporting.

- 3.5" Monochrome Touch Screen  
- 5 Pre-programmed function keys  
- Built-in sun positioning algorithm  
- 3D Compass input for accurate positioning.  
- Automatic location and clock updates with optional GPS module  
- MicroSD card for data logging  
- GPRS and Ethernet Remote Access options available  
- Single array & 4 array

Those are just some of the features of the SolarCube from IMO

**Approval:** UL, IEC

---

**Easyliner**

The new AMBUS ® EasyLiner is a cost saving solution to building positive solar combiner assemblies. Fuse holders mount directly to busbar, insuring good connection, cool running and simplifies assembly up to 40 strings.

**Advantages**
- Time and cost savings
- Fuse holders mount directly to the busbar, simplifying system
- Minimizes assembly and wiring
- System uses standard bus bars, terminals and supports

Fuse holder part No.
- 31572 - mounts on 20x5/10mm  
- 31570 - mounts on 30x5/10mm

**Voltage Rating:** 1000VDC  
**Ampere Rating:** 30A  
**Max Current:** 630A

---

For technical information on any of the products in this short form catalogue  
Please visit www.fusetek.com
High Voltage

HV DIN fuses.
A complete line of DIN HV fuses are partial-range high voltage current-limiting fuses for use in distribution circuits from 2.3 - 38kV.

- 3/7.2kV - 6.3 - 500A
- 6/12kV - 6.3 - 315A
- 10/17.5kV - 6.3 - 400A
- 20/27.6kV - 6.3 - 125A
- 20/36kV - 6.3 - 200A
- 38.5kV - 6.3 - 63A

Medium Voltage Fuses
Littelfuse Medium Voltage fuses are available with conventional ferrule type, clip lock and bolt-in mounting configurations for flexibility in a variety of applications.

E-Rated General Purpose Fuses
- 2.75kV - 10E - 450E
- 5.5kV - 10E - 600E
- 8.25kV - 10E - 400E
- 15.5kV - 10E - 300E
- 25.8kV - 15E - 100E
- 38.0kV - 3E - 80E

R-Rated Back-up Protection
- 2.75kV - 2R - 24R
- 5.5kV - 2R - 38R
- 8.25kV - 2R - 36R

Medium Voltage Fuses
Littelfuse Medium Voltage fuses are available with conventional ferrule type, clip lock and bolt-in mounting configurations for flexibility in a variety of applications.

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- 2.75kV - 10E - 450E
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- 15.5kV - 10E - 300E
- 25.8kV - 15E - 100E
- 38.0kV - 3E - 80E

R-Rated Back-up Protection
- 2.75kV - 2R - 24R
- 5.5kV - 2R - 38R
- 8.25kV - 2R - 36R

R-Rated Motor Fuses
R rated fuses are current and energy limiting fuses intended for the backup protection of medium voltage motor control. They are nonventing. They have integral striker/indicators and have standardized dimensions compatible with today’s 5.5kV motor control gear. They are fully interchangeable with other manufacturers’ fuses of the same type and rating.

R-Rated Back-up Protection
- 2.75kV - 2R - 24R
- 5.5kV - 2R - 38R
- 8.25kV - 2R - 36R

R-Rated Back-up Protection
- 2.75kV - 2R - 24R
- 5.5kV - 2R - 38R
- 8.25kV - 2R - 36R

PT FUSES
PT series fuses are current limiting, non-indicating, partial range HRC fuses available in a variety of voltage, amperage and interrupting ratings. FC & NPT series are North American dimensioned PT fuses and provide equals to Westinghouse and CGE. BPT series are British dimensioned PT fuses and offer equals to GEC, Brush, CCL, and EMP.

North American Dims
- Fuse Diameter: 13/16", 1", 1-9/16" & 2"
- Voltage Rating: 625VAC - 25.8kV
- Ampere Rating: 0.5E - 25E
- Interrupting Rating: 32kA - 40kA

Capacitor fuses
Capacitor fuses are current-limiting, partial range fuses designed for the individual unit fusing of three phase capacitors in metal enclosed equipment. They are non-indicating and non-disconnecting.

Voltage Rating: 4.8kV: 25A - 75A
2.4kV: 100A - 125A

Ampere Rating: 25, 50, 75, 100, 125A
m.b.c.: 200% of rating

Interrupting Rating: 50kA

Sample part number: TCCF-050

Note: Add “B” suffix for M12 Boss at one end & 1/2-13 boss at other end.

Other Capacitor fuses available from 7.2kV, 12kV, 13.8kV, 17.5kV & 25.8kV

Load-break switches & Grounding switches

LDTP Series
- Voltage Rating: 7.2kV, 17.5kV, 25.8kV, 38kV
- Rated Current: 400A & 600A
- For Fuse sizes: 192mm, 292mm, 442mm, 537mm
- Operator position: left or right
Available with or without Auxiliary contacts for control and signalization

DEP Series of grounding switches (3pole)
- Max voltage: 7.2kV, 17.5kV, 25.8kV, 38kV
- Short time Current: 25kA & 38.1kA
- Operator position: left or right
Available with or without Auxiliary contacts for control and signalization

For technical information on any of the products in this short form catalogue
Please visit www.fusetek.com

Sample part # 15E1C8.25

Sample part # MVR5/09R-DI

Sample part # FC467-1E
High Voltage Accessories

HV Bases

Medium voltage bases
Fusetek can supply single or 3 pole bases for most of the medium voltage fuses we supply.

Rated Voltage: 7.2 - 38kV

HV Microswitch 3100110

Need more than visual indication? Our remote mount microswitch is good for all systems up to 38kV. The insulated Bowden cable is actuated by the fuse striker which then actuates the microswitch at the other end. Includes mounting bracket at both ends.

EPOXY Insulators

We carry a range of epoxy resin insulators from 7.2kV to 38kV. Tapped brass inserts can accommodate a wide range of equipment.

<table>
<thead>
<tr>
<th>Part</th>
<th>Rated Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>DWA-07A</td>
<td>7.2kV</td>
</tr>
<tr>
<td>DWA-15A</td>
<td>17.5kV</td>
</tr>
<tr>
<td>DWA-20A</td>
<td>25.8kV</td>
</tr>
<tr>
<td>DWA-30A</td>
<td>38kV</td>
</tr>
</tbody>
</table>

DELLE Adapter Kits

Delle fuses are now obsolete, but there is a large installed base of fuses that need replacing. Our adapter kits replace the existing Delle live parts and convert the Delle fixing centers to accept a modern, easily obtainable DIN HV fuse.

- Direct bolt-on replacement.
- Upgrades to modern DIN fuses.
- High pressure clips, hardware and conversion plates

KF22-12 HV Indicator

Never have to open a live HV cabinet again to check for voltage! Bolt these line indicators onto any convenient live part and the high brightness LED cluster will flash to indicate presence of voltage.

Rated for 2.5kV - 38kV

Fuse Clips

We carry Fuse Clips to fit all our HV fuses. Always in stock

Size: 1” to 3” Reinforced spring clip
Size: 45mm Spring clip
Amp Rating: 60A, 200A, 400A, 600A, 1200A

For technical information on any of the products in this short form catalogue please visit www.fusetek.com
T1 & T1E Series Duct

- 4 Styles of Duct
- 35 duct sizes
- 40+ components & Accessories
- No cover charge. Each length comes with cover.
- 2 meter length invoiced at 6 feet. That's an extra 9% of duct free!
- Available in white, grey, blue and black

Approvals: CE, UL, RoHS

CL Wire Retainers

Retains wires during installation. Provides additional strain relief of fingers. Eliminates bulging against sidewall.

Cable Ties & Stickies

- MATERIAL: 6/6 Nylon
- COLOR: NATURAL - BLACK
- Length: 4.1" - 28"
- Tensile Strength(lbs): 18, 40, 50, 120
- Max. Bundle Dia.: 22 - 203mm

Cable mounts that STICK!

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Pack Qty*</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICM-75</td>
<td>100</td>
</tr>
<tr>
<td>ICM-100</td>
<td>100</td>
</tr>
</tbody>
</table>

Dinosaur Flexible Duct

Dinosaur Duct is a unique product offering from IBOCO that is a flexible, resilient and efficient harnessing solution to your bundling needs. For wiring to cabinet doors, from control panels and for electronic equipment.

Spiralite Wrap & Braiding

- Available in 4 sizes.
- Natural / White
- Polyethylene Natural (P)
- Polyethylene self extinguising (PA)
- Braided Sleeving available in 5 sizes.

ICB Enclosures

IBOCO Enclosures are an architecturally appealing enclosure designed for use as instrumentation housings, electrical junction boxes, terminal wiring boxes and as housings for electrical controls. The integral DIN rail makes mounting components a snap.

- 4 pole to 54 poles
- Transparent Cover
- Optional lock
- Mount any standard DIN rail device
- IP65 / NEMA 4

Approvals: Pending

Unibox Enclosures

Unboxes are ideal for housing electronic and electro-mechanical components as well as terminal blocks and industrial equipment.

- IP65
- Manufactured in polycarbonate
- Plain side walls
- Colour RAL7035 v- light gray
- Pre moulded fixing points in base
- 14 sizes
- Back plate or DIN rail mount options.

Approvals: UL
**Panel Building Products**

**Thermal/Magnetic Circuit Breakers**

Their current limiting design and high interrupt/voltage ratings make them vastly superior to residential or ‘push-to-reset’ MCBs.

**JTECUL**
- Voltage Rating: 277/480VAC
- Amperage Rating: 0.5 - 63A
- Trip Curve: B, C, D
- Poles: 1, 2, 3

**JTEC489**
- Voltage Rating: 277/480VAC
- Amperage Rating: 0.5 - 63A
- Trip Curve: B, C, D & K
- Poles: 1, 2, 3
- Note: 35-63A 240VAC

**JTEC Accessories**
- Auxiliary Contacts
- Shunt trip
- Neutral pole
- Undervoltage release
- Safety lockout device
- Busbar
- Busbar connector terminal.
- Busbar cut end-cap.
- Front Mount Panel Adapter
- Panel mount adapter clip.

**BA9S LED’s**

BA9S LED’s are high brightness LED bulbs with industry standard BA9S bayonet bases. They will fit into any standard 22mm or 30mm pilot light that accepts BA9S bulbs. Their solid state design and long life makes incandescent bulbs a thing of the past.

LED BA9s are available in industry standard colors and voltage ratings and allows LED upgrade from the front of the panel without having to open the door.

**BCR-AX Adapter ring**

Going from 30mm to 22mm takes only a few seconds with the BCR-AX adapter ring.

- Steel plated backing ring with anti-rotation notch
- Fits panel thickness up to 14 gauge
- No tools required
- Available in black plastic.

**Busbar System**

The Wohner 60mm system is a modular busbar system that allows an unprecedented degree of design flexibility. The 60mm busbar centers allow large ampacities to be distributed in a very compact space while maintaining high short circuit current ratings (SCCRs).

- Voltage Rating: 600VAC (N.A.) 690VAC (IEC)
- Amp Rating: Busbar dependant 150 - 1800A in 7 sizes
- SCCR rating: Unprotected - 18-30kA
- MCB protected - 25-65kA
- Fuse protected - 100kA
- Touch Protection: IP20
- Approval:  

**LEDTEC 22mm Pilot Lights**

The last pilot light you will ever replace. 100,000 hours, super bright, power saving and immune to heat and vibration.

- Voltage rating: 12vac/dc, 24Vac/dc, 48Vac/dc, 110/120vac, 110/120vdc, 230Vac
- Colours: Red, Green, Amber, Blue, White
- Sample Part Number: LEDTEC R110/120Vac
- Catalogue number example: LEDTEC R 120Vac/dc

**JTEC489**
- Voltage Rating: 277/480VAC
- Amperage Rating: 0.5 - 63A
- Trip Curve: B, C, D & K
- Poles: 1, 2, 3

**Catalogue number example**

- BA9SLED Series
- 6Vac/dc 12Vac/dc 24Vac/dc 120Vac/dc 220Vac/dc
- R=Red  G=Green  A=Amber  B=Blue  W=White

**For technical information on any of the products in this short form catalogue please visit www.fusetek.com**
Contactor & Overloads

**MC Series**
- 10A - 1200A AC3 / 4kW - 680kW
- DIN-rail mounting up to AC3 74A
- Coils: 24, 120, 230, 240, 575V
- 50/60Hz
- DC coils available
- Miniature breaker available. Refer to MB series

**MCOR Series** Overload Relay (thermal)
- Temperature compensated
- Trip and alarm contacts
- Amp Range: 0.12 - 74A

**Starters**

**MU Manual Series**
- Amp Range: 0.16 - 25A
- Overload protection
- Short circuit protection
- Overload built in to start

**DOL Enclosed Magnetic Starter**
- up to 7.5kW
- IP65
- Start Stop buttons
- Pre-wired to accept overload

**DOL Type:** DOL_10 & DOL_18
**Standard Coils:** Same as MC series
**Ratings AC3 / 400V:** 10A(DOL_10) 18A(DOL_18)

**69 Series Isolators 600VAC**
- 3 and 4 pole
- Load break 20 - 125A
- Red/yellow or black handles
- 3 pad lock positions
- Lightweight ext. shafts 100-400mm
- Side mount auxiliary contacts

**Sockets**
IMO offers a comprehensive line of sockets. They are available in panel mount or DIN Rail Mount

<table>
<thead>
<tr>
<th>Socket Part</th>
<th>Relay</th>
<th>Rated VAC</th>
<th>Pins</th>
<th>Rated Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRR8</td>
<td>300</td>
<td>8</td>
<td>15A (per pole)</td>
<td></td>
</tr>
<tr>
<td>SRR11</td>
<td>300</td>
<td>11</td>
<td>15A (per pole)</td>
<td></td>
</tr>
<tr>
<td>SRN2-S</td>
<td>300</td>
<td>12</td>
<td>12A (per pole)</td>
<td></td>
</tr>
<tr>
<td>SRSI</td>
<td>250VAC</td>
<td>6A</td>
<td>6A (per pole)</td>
<td></td>
</tr>
</tbody>
</table>

**Approvals:** UL, CE

Industrial Power Relays
IMO offers a comprehensive industrial power relay line.

**RS Series - General Purpose**
**2PCO and 3PCO**
- Voltage Rating: 12, 24, 110 &230VAC
- Rated current: 10A
- Max. Switching: 250AC/30VDC

**HY Series - Miniature General Purpose**
**3PCO & 4PCO**
- Voltage Rating: 12, 24, 110 &230VAC, 12, 24, 48, 110VDC
- Rated current: 5A (4PCO) 7A Amp (2CPO & 3CPO) 2PCO,
- Max. Switching: 250AC/24DC

**Timers**
IMO’s comprehensive range of 22.5mm DIN Rail Timers and Panel/plug-in timers delivers up-to-the-minute technology. Ultra compact design makes installation easy, even in the tightest of panels.
- 48 DIN panel mount/plug in range
- 22.5mm DIN rail mount range
- On delay
- Off/true off delay
- Recycling
- Star delta
- Multifunction
- 12 - 240VAC/DC options

**Sockets**
 IMO offers a comprehensive line of sockets. They are available in panel mount or DIN Rail Mount

<table>
<thead>
<tr>
<th>Socket Part</th>
<th>Relay</th>
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<th>Rated Current</th>
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<tr>
<td>SRR8</td>
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<td>11</td>
<td>15A (per pole)</td>
<td></td>
</tr>
<tr>
<td>SRN2-S</td>
<td>300</td>
<td>12</td>
<td>12A (per pole)</td>
<td></td>
</tr>
<tr>
<td>SRSI</td>
<td>250VAC</td>
<td>6A</td>
<td>6A (per pole)</td>
<td></td>
</tr>
</tbody>
</table>

**Approvals:** UL, CE
Panel Building Products

Pilot devices & Push buttons and Cam switches

A full line of

- Push Buttons
- Emergency stop
- Cam switches
- Key operated rotary switches
- Illuminated push buttons
- Illuminated Operators
- Double push buttons
  - Contact blocks and lamp holders
- Label holder, legend plates, actuator caps
- 22mm

QB Photo-Electric Sensors

This miniature block sensor with diffuse, background suppression, retro reflective or through-beam capability is ideal for a wide range of industrial applications where space is at a premium.

- Thru Beam.
- Diffuse (with Background Suppression).
- Reflective photo-electric sensors.
- Simple push to teach with a variety of light sources (Laser, Infra-Red, Visible Red).
- Light ON/Dark ON selectable.

Proximity Switches

- Capacitive & Inductive
- Wide operating voltage 20-264VAC 50/60Hz
- LED operation indicator
- Shielded and unshielded models
- IP67 nickel-plated brass housing
- m8, m12, m18, m30
- m12 plug or integral cable

DIN Rail Terminals

IMO terminals are made of carefully selected standard materials. Insulating materials, clamping metals and conducting metals are subjected to strict quality control as required by stringent international standards.

- 2.5mm to 240mm
- polyamide 6.6 material
- -40c to +100C
- screw and screwless option
- 8 colour options

Limit Switches & Safety Limit switches

IMO Limit Switches and safety limit switches are being installed and used daily in every type of industrial machinery, in every type of weather condition and in many different industry sectors, including Wood, Metal, Plastic, Automotive, Packaging and Lifting.

Standard Heavy Duty Limit Switches FD/FP/FL
Compact Heavy Duty Limit Switches FM/FR/FZ/FX

Features common to both Standard and Heavy duty

- 10A 500VAC/600VDC rated
- Double-break contacts with electrically separate NO and NC circuits
- Wide range of actuators
- Single and triple cable entry models
- Removable contact block for ease of wiring
- Turret head position rotatable in 90 degree increments
- Metal or plastic housing options
- IP66 according

Rope Operated Stop Switches FD

Rope operated safety switches for the protection of exposed machinery.

- Lockout mechanism isolates safety contacts until manually reset
- 12 and 35 meter rope length models
- Indicator of correct rope tension
- Fail-safe in the event of slack or broken wire rope
- Heavy duty die-cast metal alloy housing
- Single and triple conduit entry models
- IP66

Micro Switches MK Series

General purpose microswitches for heavier duty applications.

- High precision snap action mechanism
- 16A 250V AC resistive rating (Ith)
- Wide range of actuator styles
- Screw terminals with self lifting plate
- 10 million mechanical operation cycles
- Protection degree IP20, IP40 or IP65
- Versions with positive opening
- Mechanically interchangeable with previous products (see cross reference section)

IMO terminals are made of carefully selected standard materials. Insulating materials, clamping metals and conducting metals are subjected to strict quality control as required by stringent international standards.

For technical information on any of the products in this short form catalogue
Please visit www.fusetek.com
DPS Power Supplies
IMO's DPS range of AC/DC Din Rail mountable power supplies have been designed especially for the Control & Automation Market. Offering the benefits of slim lines, universal input, AC/DC operation and the security of a 3 year warranty.

- High efficiency
- Short circuit protection
- Internal input filtering
- PFC function available
- Parallel function available

Universal input voltage range:
85V - 265VAC
Standard output:
24VDC
Available versions:
5V, 12V and 48VDC

i3 Controllers
IMO's i3 line of controller offers a unique solution since it is both a PLC and HMI combined in one device. It is also, small, very powerful and has many unique connectivity features. One such feature is the GRPS modem option, which is ideal for applications where the controller needs to be accessed remotely.

Available units:
- i3A - Mono 128 x 64
- i3B - Mono 160x128 touch screen
- i3C - Colour 320 x 240 touch screen
- i3C - Mini colour 320x240 touch screen
- i3D - Colour 640x480 touch screen
- i3H - Graphic based 800x600 touch screen
- All units come with free software and updates

iSmart Relays
Intelligent relays for precise controls
iSmart is a tiny intelligent relay / PLC having a 44 I/O point system that uses ladder graphic and FBD programs for applications in automation systems. iSmart can expand up to 3 groups of 4-input-4-outputs modules.

Multiple out puts
Max 200 ladder step instruction
Many built-in application instructions
- Timer
- Counter
- Analog comparison
- Upper and lower differentiation
- PWM function
- Datalink function
- Remote I/O
- HMI function

iDrive AC variable speed Drive
Low cost general purpose micro inverter

- Integrated EMC filter
- Basic & Advanced set-up parameters
- DIN rail mounting (IP20 models only)
- V/F and sensorless vector operating modes
- 8 preset frequencies
- PID control, with ‘sleep’ operation
- DC braking
- Thermostatic cooling fan
- PNP or NPN operation
- Remote keypad option
- PC and PDA set-up / test software

Single phase
1Ø, 110V / 50~60Hz, 0.2~0.75kW (¼~1HP)*
1Ø, 230V / 50~60Hz, 0.2~2.2kW (¼~3HP)

Jaguar VXG High performance Drive
3 Phase: 0.37-710kW (0.5-950HP)
With an ultra-fast CPU its reaction to sudden load changes response time is unsurpassed, and with up to 300% torque on tap the VXG has the power to drive even the most demanding of applications with ease whilst keeping cool and in control with its extensive parameter set and communication options.

- Integrated EMC Filter (EN61800-3 2004 cat C3)
- V/F, Torque Vector and closed loop control
- 200% starting torque between 0.3-5Hz
- Improved open-loop low-speed stability
- Safety input: digital input to enable/disable the IGBT devices of the inverter output stage
- Mechanical brake control output - torque generated
- PID thermistor input
- Encoder feedback (closed-loop) and shaft synchronizing options
- Internal brake chopper up to 22kW (30-110kW upon request)
All maintenance kits can be modified to suit your requirements. Every kit comes packed with all the right fuses so your never get caught short. Just give us a call or ask your Fusetek rep.

### P/N - MTCE-R250  Time Delay

<table>
<thead>
<tr>
<th>Class (RK5)</th>
<th>Description</th>
<th>Fuse Amps</th>
<th>Qty Ea.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLNR</td>
<td>250Vac T/D</td>
<td>5, 10, 15, 20, 25, 30A</td>
<td>5</td>
</tr>
<tr>
<td>FLNR-id</td>
<td>250Vac T/D</td>
<td>40, 50, 60A</td>
<td>5</td>
</tr>
<tr>
<td>FLNR-100id</td>
<td>250Vac T/D</td>
<td>100A</td>
<td>3</td>
</tr>
<tr>
<td>LRU-263R</td>
<td>Fuse Reducer</td>
<td>250Vac Class R 60-0Amp</td>
<td>1</td>
</tr>
<tr>
<td>LPFP</td>
<td>Fuse Puller 9/16&quot; - 1-9/32&quot; Dia.</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

* 5 - 30Amp are NON Indicating.

### P/N - MTCE-J  Time delay

<table>
<thead>
<tr>
<th>Class (J)</th>
<th>Description</th>
<th>Fuse Amps</th>
<th>Qty Ea.</th>
</tr>
</thead>
<tbody>
<tr>
<td>JTD-id</td>
<td>600Vac T/D</td>
<td>10, 15, 20, 30, 40, 50,60A</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>80, 100A</td>
<td>3</td>
</tr>
<tr>
<td>LRU63</td>
<td>Fuse Reducer</td>
<td>600Vac Class J 60-30A</td>
<td>3</td>
</tr>
<tr>
<td>LPFP</td>
<td>Fuse Puller 9/16&quot; - 1-9/32&quot; Dia.</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

### P/N - MTCE-BA9S

<table>
<thead>
<tr>
<th>BA9S</th>
<th>Description</th>
<th>Colour</th>
<th>Qty Ea.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA9SLED</td>
<td>120Vac/dc</td>
<td>R, G, A</td>
<td>10</td>
</tr>
<tr>
<td>BA9SLED</td>
<td>120Vac/dc</td>
<td>W, B</td>
<td>5</td>
</tr>
<tr>
<td>BA9SLED</td>
<td>24Vac/dc</td>
<td>R, G, A</td>
<td>10</td>
</tr>
<tr>
<td>BA9SLED</td>
<td>24Vac/dc</td>
<td>W, B</td>
<td>5</td>
</tr>
<tr>
<td>R=RED, W=White, B=Blue, G=Green, A=Amber</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### P/N - MTCE-GLASS

<table>
<thead>
<tr>
<th>1/4 X 1-1/4&quot;</th>
<th>Description</th>
<th>Fuse Amps</th>
<th>Qty Ea.</th>
</tr>
</thead>
<tbody>
<tr>
<td>312 (Glass)</td>
<td>250Vac Fast Acting</td>
<td>0.25, 0.5, 0.75, 1, 1.5, 2, 3, 4, 5, 6, 8, 10A</td>
<td>5</td>
</tr>
<tr>
<td>314 (Ceramic)</td>
<td>250Vac Fast Acting</td>
<td>15, 20, 30A</td>
<td>5</td>
</tr>
<tr>
<td>313 (Glass)</td>
<td>250Vac Slo-Blo</td>
<td>0.5, 0.75, 1, 1.5, 2, 3, 4, 5, 6.25, 8A</td>
<td>5</td>
</tr>
<tr>
<td>326 (Glass)</td>
<td>250Vac Slo-Blo</td>
<td>10, 15, 20, 25, 30A</td>
<td>5</td>
</tr>
<tr>
<td>5 x 20mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>217 (Glass)</td>
<td>250Vac Fast Acting</td>
<td>0.25, 0.5, 1, 1.6, 2, 2.5, 3.15, 4, 5, 6.3, 8, 10A</td>
<td>5</td>
</tr>
<tr>
<td>218 (Glass)</td>
<td>250Vac Slo-Blo</td>
<td>0.5, 1, 2, 3.15, 4, 5, 6.3, 10A</td>
<td>5</td>
</tr>
</tbody>
</table>

### Fuse Holders

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty Ea.</th>
</tr>
</thead>
<tbody>
<tr>
<td>345-3LF8 Straight 1/4&quot; Nema Q.C 3AB Panel Mount 250V / 20A</td>
<td>5</td>
</tr>
<tr>
<td>150-079 19' inline fuse holder for 1/4&quot; x 1.25&quot; 32 V/ 20A</td>
<td>2</td>
</tr>
<tr>
<td>150-274 1P,10A/32V for 5x20mm</td>
<td>2</td>
</tr>
<tr>
<td>354-901GY 1P, 30A/300V 1/4&quot;Nema for 1/4&quot;x1.1/4&quot;</td>
<td>5</td>
</tr>
<tr>
<td>097023 Fuse Puller 5x20mm, 1/4 - 1-1/4&quot; &amp; Auto fuse</td>
<td>1</td>
</tr>
</tbody>
</table>

Free Fuse Puller included in Kit

For technical information on any of the products in this short form catalogue
Please visit www.fusetek.com
Fiberglass Enclosures

Vynckier Fiberglass Enclosures

All fiberglass enclosures are:

- RAL 7035 FRP (fibre reinforced polyester) material is maintenance free, with excellent resistance to UV, corrosion and most chemicals.
- Use indoors or outdoors - temperature range from -50°C to 150°C. Momentary to 200°C
- Readily worked with standard tools, easy to handle and lighter than metallic enclosures.
- Windows, if required are made from 1/4" transparent Lexan polycarbonate.
- Total protection against electrical shock.
- Poured in place polyurethane gasket ensures high NEMA ratings.
- Custom CNC machining service available for all box series
- Global approvals

Application range:

- Chemical Processing
- Waste water treatment plants
- Marine installations
- Oil refinery
- Mining sites
- Pulp and Paper Mills
- Temporary connections
- Public utilities
- Electroplating plants
- Food processing plants
- Off Shore platforms
- Photovoltaic
- Sewage plants
- Ship yards
- Steel mills
- Breweries

VJ Series

- Standard JIC dimensions in 7 sizes from 6"x6" to 18"x16" with varying depths.
- Available in plain, raised, clear or windowed covers.
- Moulded-on mounting flanges.
- Stainless steel or non-metallic hinges.
- Moulded grid pattern on inner lid simplifies layout.
- Different cover closures available.

Applications:

- Chemical Processing
- Waste water treatment plants
- Marine installations
- Oil refinery
- Mining sites
- Pulp and Paper Mills
- Temporary connections
- Public utilities
- Electroplating plants
- Food processing plants
- Off Shore platforms
- Photovoltaic
- Sewage plants
- Ship yards
- Steel mills
- Breweries

ARIA Series

- UL types 3, 3R, 3S, 4, 4X, 12 and 13 per UL 508
- CSA types 2, 3, 3R, 3S, 4, 4X, 12 and 13
- Lloyd's Register of Shipping

Poly Safe (PS) Series

- 14 sizes from 20 x 20" to 50 x 40"
- Up to 3 depths using collar extensions
- Special coating to enhance resistance to UV radiation.
- Wall mounted or free standing
- Can be coupled horizontally or vertically with gasketed collars.
- 3 to 5 point door closure system ensures seal integrity

Applications:

- Chemical Processing
- Waste water treatment plants
- Marine installations
- Oil refinery
- Mining sites
- Pulp and Paper Mills
- Temporary connections
- Public utilities
- Electroplating plants
- Food processing plants
- Off Shore platforms
- Photovoltaic
- Sewage plants
- Ship yards
- Steel mills
- Breweries

For complete dimensions on all the enclosure series please visit www.fusetek.com
And download the Vynckier catalogue.
Polycarbonate Enclosures

VM Miniature Series

- 10 sizes from 5 x 3” to 7x7”
- Solid or clear covers
- Seamless polyurethane gasket
- Available with or without moulded knockouts.
- Full range of pushbutton stations available
- Can be customized with silk screening or moulded logo’s.

- Accessories – hinged window kits, DIN rail kit

**Approvals:**
- UL Listed Types 4, 4x, 3, 3R, 12 & 13
- CSA 4, 4x, 3, 3R, 12 & 13

**Rating(s):** IP66

**Applications**

- Ideal for automation and control applications in industry, machinery, tool-shop and OEM.
- Electronic applications in data and telecom industry.
- Also suitable for use as commercial and industrial distribution boxes.

VMS Series

- Modular dimensions in increments of 4”. Sizes from 12 x8” to 24 x 16”
- Covers transparent, opaque or DT cover, common design and depth
- No tool - removable side walls for easy wiring access.
- No tool coupling methods speeds assembly
- Adjustable back pan or DIN rail mount depths

- Accessories – Universal cable entry glands, DIN rail kits, depth extension collars

**Approvals**
- UL Listed Types: 2, 3, 3R, 3S, 5, 12 & 12K
- CSA Listed Types: 2, 3R, 5, 12 & 12

**Rating(s):** IP65

**Applications**

- Industry
- Public utilities
- Motor control centers
- Electronic instrumentation
- Low voltage distribution boards

Multibox Series

- 11 sizes from 2x2” to 14 x 10”
- Indoor or outdoor use.
- Available in Polycarbonate (PC) or Polystyrene (PS).
- PC temp range is -35C – 120°C. PS temp range is -40C -70°C
- Smooth sides or pre-moulded knockouts.
- Solid or clear cover versions.

- Accessories – hinge kits, backpans, mount brackets, air vents, List ratings and approvals

**Approvals**
- UL Listed Types 4X & 12 (Polycarbonate)
- NEMA 4X & 12 (Polystyrene)

**Rating(s):** IP66

**Applications**

- Automation and control applications in industry, machinery, toolshop and OEM.
- Electronic applications in data and telecom industry.
- As commercial and industrial power distribution boxes.

For complete dimensions on all the enclosure series please visit www.fusetek.com
And download the Vynckier catalogue
### Enclosure Sizes - Opaque listed only

#### VM Series

<table>
<thead>
<tr>
<th>Part</th>
<th>O/D Dims</th>
<th>I/D Dims</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMS1208</td>
<td>12.60 x 8.66 x 7.05 (320 x 220 x 179)</td>
<td>11.06 x 7.12 x 6.11 (281 x 181 x 155)</td>
</tr>
<tr>
<td>VMS1212</td>
<td>12.60 x 12.60 x 7.05 (320 x 320 x 179)</td>
<td>11.06 x 11.06 x 6.11 (281 x 281 x 155)</td>
</tr>
<tr>
<td>VMS1612</td>
<td>17.32 x 12.60 x 7.05 (440 x 320 x 179)</td>
<td>15.78 x 11.06 x 6.11 (401 x 281 x 155)</td>
</tr>
<tr>
<td>VM25412</td>
<td>25.2 x 12.60 x 7.05 (640 x 320 x 179)</td>
<td>23.66 x 11.06 x 6.11 (601 x 281 x 155)</td>
</tr>
<tr>
<td>VM25416</td>
<td>25.2 x 17.32 x 7.05 (640 x 440 x 179)</td>
<td>23.66 x 17.32 x 6.11 (601 x 401 x 155)</td>
</tr>
<tr>
<td>VM2820</td>
<td>28.94 x 21.06 x 10.63 (735 x 535 x 270)</td>
<td>26.57 x 18.50 x 10.39 (675 x 470 x 264)</td>
</tr>
<tr>
<td>AN3325</td>
<td>32.87 x 25.00 x 11.81 (835 x 635 x 300)</td>
<td>30.78 x 22.44 x 11.57 (775 x 570 x 294)</td>
</tr>
<tr>
<td>AN4032</td>
<td>40.75 x 32.87 x 11.81 (1035 x 835 x 300)</td>
<td>39.16 x 30.28 x 11.57 (975 x 770 x 294)</td>
</tr>
<tr>
<td>AN4032FPHA</td>
<td>40.75 x 32.87 x 11.81 (1035 x 835 x 300)</td>
<td>39.16 x 30.28 x 11.57 (975 x 770 x 294)</td>
</tr>
<tr>
<td>AN4032HPLA</td>
<td>40.75 x 32.87 x 11.81 (1035 x 835 x 300)</td>
<td>39.16 x 30.28 x 11.57 (975 x 770 x 294)</td>
</tr>
<tr>
<td>AN4032PL</td>
<td>40.75 x 32.87 x 11.81 (1035 x 835 x 300)</td>
<td>39.16 x 30.28 x 11.57 (975 x 770 x 294)</td>
</tr>
<tr>
<td>AN4032PLFPHA</td>
<td>40.75 x 32.87 x 11.81 (1035 x 835 x 300)</td>
<td>39.16 x 30.28 x 11.57 (975 x 770 x 294)</td>
</tr>
</tbody>
</table>

#### VJ Series

<table>
<thead>
<tr>
<th>Part</th>
<th>O/D Dims</th>
<th>I/D Dims</th>
</tr>
</thead>
<tbody>
<tr>
<td>VJ1614W</td>
<td>17.31 x 15.31 x 6.67 (440 x 389 x 169)</td>
<td>16 x 14 x 6.41 (406 x 356 x 163)</td>
</tr>
<tr>
<td>VJ1616W</td>
<td>19.31 x 17.31 x 9.58 (490 x 440 x 243)</td>
<td>18 x 16 x 9.33 (457 x 406 x 237)</td>
</tr>
</tbody>
</table>

#### ARIA Series

<table>
<thead>
<tr>
<th>Part</th>
<th>O/D Dims</th>
<th>I/D Dims</th>
</tr>
</thead>
<tbody>
<tr>
<td>AN1208</td>
<td>12.40 x 8.64 x 6.69 (315 x 215 x 170)</td>
<td>10.82 x 6.69 x 6.38 (275 x 170 x 162)</td>
</tr>
<tr>
<td>AN1612</td>
<td>16.34 x 12.40 x 6.69 (415 x 315 x 170)</td>
<td>14.83 x 10.63 x 6.38 (375 x 270 x 162)</td>
</tr>
</tbody>
</table>

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For complete dimensions on all the enclosure series please visit [www.fusetek.com](http://www.fusetek.com) and download the Vynckier catalogue.
### Enclosure Sizes - Opaque listed only

#### MultiBox Series

<table>
<thead>
<tr>
<th>Part</th>
<th>O/D Size</th>
<th>I/D Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>MB252502PC</td>
<td>3.22 x 2.32 x 1.77</td>
<td>(59 x 59 x 45)</td>
</tr>
<tr>
<td>MB252502PS</td>
<td>3.22 x 2.32 x 1.77</td>
<td>(59 x 59 x 45)</td>
</tr>
<tr>
<td>MB252503PC</td>
<td>3.22 x 2.32 x 1.77</td>
<td>(59 x 59 x 45)</td>
</tr>
<tr>
<td>MB252503PS</td>
<td>3.22 x 2.32 x 1.77</td>
<td>(59 x 59 x 45)</td>
</tr>
<tr>
<td>MB042502PC</td>
<td>3.64 x 2.34 x 1.77</td>
<td>(88 x 88 x 45)</td>
</tr>
<tr>
<td>MB042502PS</td>
<td>3.64 x 2.34 x 1.77</td>
<td>(88 x 88 x 45)</td>
</tr>
<tr>
<td>MB042503PC</td>
<td>3.64 x 2.34 x 1.77</td>
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#### APO Series

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#### Poly Safe Series

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<td>PS202ADFR</td>
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### Basic I.P. Rating

First digit - Solid Particle Protection: 0 = No protection, 1 = back of hand, 2 = finger safe, 3 = Tool, 4 = wire, 5 = dust protected & wire, 6= Dust Tight

Second Digit - Liquid ingress Protection: 0=None, 1 = Dripping water, dripping water when tilted at 15 degrees, 3 = spraying water, 4 = splashing of water, 5=water jets, 6= powerful water jets, 7= immersion to 1 meter, 8=immersion beyond 1 meter, 9=Powerful high temperature water jets.

For complete dimensions on all the enclosure Series please visit www.fuseterk.com
And download the Vynckier catalogue

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