



Product Catalogue



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01 EMI/EMC Products

EMI can cause service interruption, data loss, permanent damage to equipment and failure when left unattended. Our sophisticated EMI/EMC products use high quality, grade A raw materials in an exhaustive range of specifications that meet customers' varied requirements.

EMI Filters / Single Phase Filter / IEC Inlet

MF 300



Operating Voltage
250VAC

Current Rating
1A to 16A

Operating Frequency
50/60Hz

Mounting
Panel Mount

Performance Indicator

| | | |
|--|------|-----------|
| Standard | High | Very High |
| <div style="width: 100%; height: 5px; background-color: green;"></div> | | |



MF 310



Operating Voltage
250VAC

Current Rating
1A to 10A

Operating Frequency
50/60Hz

Mounting
Panel Mount

Performance Indicator

| | | |
|--|------|-----------|
| Standard | High | Very High |
| <div style="width: 100%; height: 5px; background-color: green;"></div> | | |



MF 320



Operating Voltage
250VAC

Current Rating
1A to 10A

Operating Frequency
50/60Hz

Mounting
Panel Mount

Performance Indicator

| | | |
|--|------|-----------|
| Standard | High | Very High |
| <div style="width: 100%; height: 5px; background-color: green;"></div> | | |



MF 140 (Medical)



Operating Voltage
250VAC

Current Rating
1A to 16A

Operating Frequency
50/60Hz

Mounting
Panel Mount

Performance Indicator

| | | |
|--|------|-----------|
| Standard | High | Very High |
| <div style="width: 100%; height: 5px; background-color: green;"></div> | | |



MF 150 (Medical)



Operating Voltage
250VAC

Current Rating
1A to 10A

Operating Frequency
50/60Hz

Mounting
Panel Mount

Performance Indicator

| | | |
|--|------|-----------|
| Standard | High | Very High |
| <div style="width: 100%; height: 5px; background-color: green;"></div> | | |



MF 160 (Medical)



Operating Voltage
250VAC

Current Rating
1A to 10A

Operating Frequency
50/60Hz

Mounting
Panel Mount

Performance Indicator

| | | |
|--|------|-----------|
| Standard | High | Very High |
| <div style="width: 100%; height: 5px; background-color: green;"></div> | | |



MF 310 S



Operating Voltage
250VAC

Current Rating
1A to 10A

Operating Frequency
50/60Hz

Mounting
Panel Mount

Performance Indicator

| | | |
|--|------|-----------|
| Standard | High | Very High |
| <div style="width: 100%; height: 5px; background-color: green;"></div> | | |



MF 320-2D



Operating Voltage
250VAC

Current Rating
1A to 10A

Operating Frequency
50/60Hz

Mounting
Panel Mount

Performance Indicator

| | | |
|--|------|-----------|
| Standard | High | Very High |
| <div style="width: 100%; height: 5px; background-color: green;"></div> | | |



EMI Filters / Single Phase Filter / Single Stage

MF 420



Operating Voltage 250VAC **Current Rating** 1A to 125A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| | | |
|------------|------|-----------|
| Standard | High | Very High |
| ██████████ | | |



MF 420-VF



Operating Voltage 250VAC **Current Rating** 1A to 40A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| | | |
|----------|------------|-----------|
| Standard | High | Very High |
| | ██████████ | |



MF 420-HP



Operating Voltage 250VAC **Current Rating** 1A to 50A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| | | |
|----------|------------|-----------|
| Standard | High | Very High |
| | ██████████ | |



MF 120 (Medical)



Operating Voltage 250VAC **Current Rating** 1A to 125A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| | | |
|------------|------|-----------|
| Standard | High | Very High |
| ██████████ | | |



SMF 2132



Operating Voltage 250VAC **Current Rating** 1A to 30A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| | | |
|------------|------|-----------|
| Standard | High | Very High |
| ██████████ | | |



(Refer Data sheet for partwise approval status)

EMI Filters / Single Phase Filter / Single Stage

MF 210-P



Operating Voltage
250VAC

Current Rating
3A to 16A

Operating Frequency
50/60Hz

Mounting
Cylindrical filter

Performance Indicator

| | | |
|----------|------|-----------|
| Standard | High | Very High |
| █ | | |



MF 510



Operating Voltage
250VAC

Current Rating
1A to 6A

Operating Frequency
50/60Hz

Mounting
Clamp Mount

Performance Indicator

| | | |
|----------|------|-----------|
| Standard | High | Very High |
| █ | | |



EMI Filters / Single Phase Filter / PCB Mount

PCB Filters – MF 530



Operating Voltage
250VAC

Current Rating
1A to 10A

Operating Frequency
50/60Hz

Mounting
PCB Mount

Performance Indicator

| | | |
|----------|------|-----------|
| Standard | High | Very High |
| █ | | |



EMI Filters / Single Phase Filter / Dual Stage

MF 410



Operating Voltage
250VAC

Current Rating
1A to 100A

Operating Frequency
50/60Hz

Mounting
Chassis Mounting

Performance Indicator

| | | |
|----------|------|-----------|
| Standard | High | Very High |
| | █ | |



EMI Filters / Single Phase Filter / Dual Stage



MF 430

Operating Voltage 250VAC **Current Rating** 1A to 60A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| | | |
|----------------------|------|-----------|
| Standard | High | Very High |
| ████████████████████ | | |



MF 110

Operating Voltage 250VAC **Current Rating** 1A to 100A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| | | |
|----------------------|------|-----------|
| Standard | High | Very High |
| ████████████████████ | | |



MF 130

Operating Voltage 250VAC **Current Rating** 1A to 60A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| | | |
|----------------------|------|-----------|
| Standard | High | Very High |
| ████████████████████ | | |



MF 410-HP

Operating Voltage 250VAC **Current Rating** 1A to 30A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| | | |
|----------|----------------------|-----------|
| Standard | High | Very High |
| | ████████████████████ | |



SMF 2232

Operating Voltage 250VAC **Current Rating** 1A to 36A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| | | |
|----------|----------------------|-----------|
| Standard | High | Very High |
| | ████████████████████ | |



(Refer Data sheet for partwise approval status)

EMI Filters / Single Phase Filter / Dual Stage

SMF 2233



Operating Voltage
250VAC

Current Rating
1A to 30A

Operating Frequency
50/60Hz

Mounting
Chassis Mounting

Performance Indicator

| Standard | High | Very High |
|----------|------|-----------|
| █ | | |



(Refer Data sheet for partwise approval status)

EMI Filters / Chokes

Differential Mode Choke Coil (DMC)



Operating Voltage
250VAC

Current Rating
0.5A to 25A

Operating Frequency
50/60Hz

Performance Indicator

| Standard | High | Very High |
|----------|------|-----------|
| █ | | |

Common Mode Choke Coil (CMC)



Operating Voltage
250VAC

Current Rating
0.5A to 32A

Operating Frequency
50/60Hz

Performance Indicator

| Standard | High | Very High |
|----------|------|-----------|
| █ | | |

EMI Filters / Two Phase Filter

MF 422



Operating Voltage
440VAC

Current Rating
1A to 100A

Operating Frequency
50/60Hz

Mounting
Chassis Mounting

Performance Indicator

| Standard | High | Very High |
|----------|------|-----------|
| █ | | |



EMI Filters / Three Phase Filter / Single Stage



MF423-3W

Operating Voltage
440/520VAC

Current Rating
1A to 150A

Operating Frequency
50/60Hz

Mounting
Chassis Mounting

Performance Indicator

| | | |
|--|------|-----------|
| Standard | High | Very High |
| <div style="width: 100%; height: 5px; background-color: green;"></div> | | |



MF 423-4W

Operating Voltage
440/520VAC

Current Rating
1A to 150A

Operating Frequency
50/60Hz

Mounting
Chassis Mounting

Performance Indicator

| | | |
|--|------|-----------|
| Standard | High | Very High |
| <div style="width: 100%; height: 5px; background-color: green;"></div> | | |



EMI Filters / Three Phase Filter / Dual Stage



MF 423-3-2D

Operating Voltage
440/520VAC

Current Rating
3A to 250A

Operating Frequency
50/60Hz

Mounting
Chassis Mounting

Performance Indicator

| | | |
|--|------|-----------|
| Standard | High | Very High |
| <div style="width: 100%; height: 5px; background-color: green;"></div> | | |



MF 423-3-2D-BS

Operating Voltage
440/520VAC

Current Rating
7A to 150A

Operating Frequency
50/60Hz

Mounting
Book Shelf

Performance Indicator

| | | |
|--|------|-----------|
| Standard | High | Very High |
| <div style="width: 100%; height: 5px; background-color: green;"></div> | | |



MF 423-3-2D-HV

Operating Voltage
750VAC / 760VAC

Current Rating
6A to 1000A

Operating Frequency
50/60Hz

Mounting
Chassis Mounting

Performance Indicator

| | | |
|--|------|-----------|
| Standard | High | Very High |
| <div style="width: 100%; height: 5px; background-color: green;"></div> | | |



EMI Filters / Three Phase Filter / Dual Stage

MF423-3-2D-BS-HV



Operating Voltage 750VAC / 760VAC **Current Rating** 7A to 180A **Operating Frequency** 50/60Hz **Mounting** Book Shelf

Performance Indicator

| Standard | High | Very High |
|----------------------|------|-----------|
| ████████████████████ | | |



TMF 3221/TMF 3222



Operating Voltage 530VAC / 760VAC **Current Rating** 10A to 230A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| Standard | High | Very High |
|----------------------|------|-----------|
| ████████████████████ | | |



(Refer Data sheet for partwise approval status)

MF 423-4-2D



Operating Voltage 440/520VAC **Current Rating** 6A to 250A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| Standard | High | Very High |
|----------------------|------|-----------|
| ████████████████████ | | |



MF 423-4-2D-BS



Operating Voltage 440/520VAC **Current Rating** 7A to 150A **Operating Frequency** 50/60Hz **Mounting** Book Shelf

Performance Indicator

| Standard | High | Very High |
|----------------------|------|-----------|
| ████████████████████ | | |



EMI Filters / Three Phase Filter / Three Stage

MF 423-3-3D



Operating Voltage
440/520VAC

Current Rating
6A to 250A

Operating Frequency
50/60Hz

Mounting
Chassis Mounting

Performance Indicator

| Standard | High | Very High |
|----------|----------------------|-----------|
| | ████████████████████ | |



MF 423-3-3D-BS



Operating Voltage
440/520VAC

Current Rating
7A to 150A

Operating Frequency
50/60Hz

Mounting
Book Shelf

Performance Indicator

| Standard | High | Very High |
|----------|----------------------|-----------|
| | ████████████████████ | |



MF 423-3-3D-BB



Operating Voltage
440/520VAC

Current Rating
300A to 1000A

Operating Frequency
50/60Hz

Mounting
Chassis Mounting

Performance Indicator

| Standard | High | Very High |
|----------|----------------------|-----------|
| | ████████████████████ | |



MF 423-3-3D-HV



Operating Voltage
750/760VAC

Current Rating
6A to 1000A

Operating Frequency
50/60Hz

Mounting
Chassis Mounting

Performance Indicator

| Standard | High | Very High |
|----------|----------------------|-----------|
| | ████████████████████ | |



EMI Filters / Three Phase Filter / Three Stage

MF 423-4-3D-BS



Operating Voltage 440/520VAC **Current Rating** 7A to 150A **Operating Frequency** 50/60Hz **Mounting** Book Shelf

Performance Indicator

| Standard | High | Very High |
|----------|----------------------|-----------|
| | ████████████████████ | |



MF 423-4-3DD



Operating Voltage 440/520VAC **Current Rating** 6A to 100A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| Standard | High | Very High |
|----------|----------------------|-----------|
| | ████████████████████ | |



MF 423-4-3DD-BS



Operating Voltage 440/520VAC **Current Rating** 7A to 150A **Operating Frequency** 50/60Hz **Mounting** Book Shelf

Performance Indicator

| Standard | High | Very High |
|----------|----------------------|-----------|
| | ████████████████████ | |



TMF 4233



Operating Voltage 520VAC **Current Rating** 8A to 600A **Operating Frequency** 50/60Hz **Mounting** Chassis Mounting

Performance Indicator

| Standard | High | Very High |
|----------|----------------------|-----------|
| | ████████████████████ | |



(Refer Data sheet for partwise approval status)

02 Feedthrough Components

Electromagnetic Feedthrough is one of the key sources of electrical noise in signal transmission. Specifically seen as a challenge in Si/ZnO Surface Acoustic Wave (SAW) devices, our Feedthrough components (Filters and Capacitors) attenuate the EM/RF noise by carrying high frequency/voltage electrical signals through enclosures.

03 Surge Protectors

Lightning and power system faults can cause high voltage surges subsequently causing enormous damage to electrical equipment. Our surge suppression and spark quencher solutions handle short duration over-voltages and protect electrical equipment from damage.

Surge Protectors / Single Phase Surge Protector



S-SP

Operating Voltage
250VAC

Surge Rating
4kA /8kA/10kA/20kA/ 40kA @ 8/20 μ S

Surge Protectors / Single Phase RC Filter



S-RCF

Operating Voltage
250VAC

Surge Rating
6.5kA @ 8/20 μ S

Surge Protectors / RC Network / Single Phase



RCN

Operating Voltage
250VAC

Surge Protectors / Three Phase Surge Protector



T-SP

Operating Voltage
440VAC

Surge Rating
4kA /8kA/10kA/20kA/ 40kA @ 8/20 μ S

Surge Protectors / Three Phase RC Filter



T-RCF

Operating Voltage
440VAC

Surge Rating
6.5kA @ 8/20 μ S

04 Power Quality Products

Power quality products provide uninterrupted power supply and manage Harmonics, maintaining consistent power quality. Our superior range of Line and Load Reactors and Harmonic filters ensure reliable and efficient quality power for industrial and home needs.

Power Quality / AC Single Line Reactor



PQR

Operating Voltage
230VAC

Current Rating
2A to 1000A

Operating Frequency
50Hz

Impedance
2%, 3% and 4%

Power Quality / AC Three Phase Line Reactor



PQR

Operating Voltage
400VAC

Current Rating
2.4A to 1000A

Operating Frequency
50Hz

Impedance
2%, 3% and 4%

(Refer Data sheet for partwise approval status)

Power Quality / Three Phase Passive Harmonic Filter



PQPH

Operating Voltage
380-415VAC

Current Rating
1.6A to 1000A

Operating Frequency
50Hz

Power Quality / Three Phase dv/dt Reactor



PQR

Operating Voltage
400VAC

Current Rating
4A to 1000A

Operating Frequency
50Hz

Impedance
0.8%

Power Quality / Three Phase dv/dt Filter



PQDT

Operating Voltage
400VAC

Current Rating
4A to 1100A

Operating Frequency
50Hz

Power Quality / Three Phase Sinewave Filter



PQSW

Operating Voltage
400VAC

Current Rating
2.3A to 1000A

Operating Frequency
50Hz

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