



Product Brief 2023

# Surge Arresters

## High Current Series (HC)

### Benefits

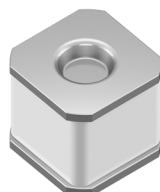
- Higher surge capability offers higher reliability of surge protection solutions
- Smaller arrester dimensions allowing more compact protection solutions
- Smaller designs with lower capacitances are more suitable for operations with high frequencies

### Applications

- Power supplies
- Antenna protection
- Consumer electronic
- CCTV
- Dataline protection

### Features

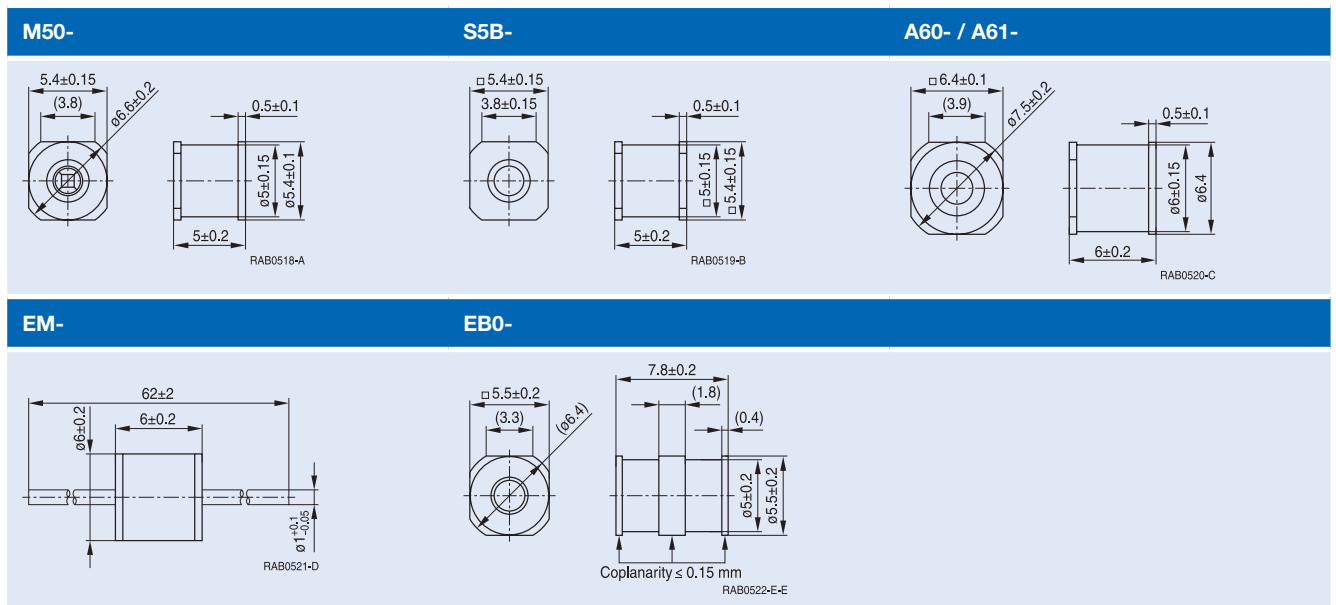
- Highest performance
- Designs in smaller sizes offering same performance as currently used arrester in bigger dimensions or offer higher surge capability in the same size
- Fast response time
- Very low capacitance
- High insulation resistance
- RoHS-compatible



# Surge Arresters High Current Series



Type	Ordering code	Service life		Size Ø × L mm	Type (following types can be replaced by the types from column 1)	Size Ø × L mm
		$I_N$ kA 10 operations 8/20 µs	$I_N$ kA 1 operation 10/350 µs			
M50-C90XSMDHC	B88069X5083T902	10	1.0	5.0 × 5	N80-A90XSMD	8 × 6
S5B-A90XHC	B88069X5923T902	10	1.0	5.4 × 5	N80-A90XSMD	8 × 6
EM90XHC	B88069X4293S102	10	1.0	5.5 × 6	N81-A90X	8 × 6
EM230XHC	B88069X4303S102	10	1.0	5.5 × 6	N81-A230X	8 × 6
EM350XHC	B88069X6323S102	10	1.0	5.5 × 6	N81-A350X	8 × 6
EM600XHC	B88069X4313S102	10	1.0	5.5 × 6	N81-A600X	8 × 6
EM800XHC	B88069X6063S102	10	1.0	5.5 × 6	N81-A800X	8 × 6
A60-A90SMDHC	B88069X5043T702	20	2.5	6 × 6	A80-C90XSMD	8 × 6
A61-A90XHC	B88069X6183S102	20	2.5	6 × 6	A81-C90X	8 × 6
A61-A230XHC	B88069X6883S102	20	2.5	6 × 6	A81-A230X	8 × 6
A61-A350XHC	B88069X6873S102	20	2.5	6 × 6	A81-A350X	8 × 6
A61-A470XHC	B88069X7853S102	20	2.5	6 × 6	A81-A470X	8 × 6
A61-A600XHC	B88069X5843S102	20	2.5	6 × 6	A81-A600X	8 × 6
A61-H08XHC	B88069X6173S102	20	2.5	6 × 6	A71-H08X	8 × 8
EB0-A90SMDHC	B88069X6253T802	20	3.0	6 × 8	T20-C90XSMDN	8 × 20
EB0-A230SMDHC	B88069X8033T802	20	3.0	6 × 8	T20-A230XSMDN	8 × 20
EB0-C420SMDHC	B88069X6693T802	20	3.0	6 × 8	T20-C420XSMDN	8 × 20



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