



General technical information

I - Capacitors selection guide (Main Applications and Products destination)

ICEL TYPE	Blocking	Coupling/ Decoupling (low pulse)	Bypassing	Filtering/ Frequency discrimination	Timing and oscillation / high stability circuits	High DC voltage operation/ voltage multipliers	AC operation (general purpose)	Motor running	High frequency ripple filtering	High I rms current operation	High frequency operation	High pulse / Pulse coupling	Snubber/ protection in semiconductor circuits	Clamper in IGBT and MOSFET circuits	Resonant / Induction heating	Audio (high end)	DC-Link	Electronic Ballasts	Inverters/ Converters/ UPS	AC/DC motor controls	Elevators	Railway traction/ Electric vehicles	Battery chargers	Very low dissipation/ high thermal efficiency	Solar and wind generators	Welders
MTR MWR MWF MTB MSB MSR	X	X	X	X	O		Z	Z								O										
MWS						X																				
PW					X						X	X														
PWS				O	O	O				O	X	X	O		O	O		O						X		O
MPW-F	X	X	X	X	X											O										
MPL	O	O	O	X	X																					
MPB	X	X	X	X	X											O		O								
PPR	X [^]	X [^]	X [^]			O	O		O	O	X	X	X	O	O			O						X		X [^]
PPB	X [^]	X [^]	X [^]			O	O		O	O	X	X	X	O	O			O						X		X [^]
MPH	X	X	X	O					X	X	X			X	O	O	O									
DCB	X [*]	X [*]	X [*]	X [*]					X	X	X			O		O	X		X	X	X				X	Y
PHC	X [*]	X [*]	X [*]	X [*]					X	X	X			X			O		X	X			X			
PHB	X [*]	X [*]	X [*]	X [*]					X	X	X			X	O	O	O		X	X	X	X	X		X	Y
PMC	X [*]	X [*]	X [*]						X	X	X			X	O		O		X	X	X	X			X	Y
MHBA	X [*]	X [*]	X [*]	X [*]			X	O	X	X	X			X	O	O	X		X	X	X	X	X			Y
MHBS	X [*]	X [*]	X [*]	X [*]			X	O	X	X	X			X	O	O	X		X	X	X	X	X		X	Y
PPS	X ^o	X ^o	X ^o	X ^o		O	X	O	X	X	X	O	O	X	O				X	X				O		
PHS	X ^o	X ^o	X ^o	X ^o		O	X	O	X	X	X	O	O	X	X	O			X	X	X	X		O	X	
PMS	X ^o	X ^o	X ^o						X	X	X	O	O	X	X	O			X	X	X	X		O	X	
PPA	X [^]	X [^]	X [^]			O	O	O	O	X	X	X	X	X	X	O			X	X				X		X [^]
PSB RSB	X [^]	X [^]	X [^]			O	O	O	O	X	X	X	X	X	X	O		O	X	X	X	X		X		X [^]
PMB RMB	X [^]	X [^]	X [^]						O	X	X	X	X	X	X				X	X	X	X		X		X [^]
MAR	X [*]	X [*]	X [*]	X [*]			X	O	X	X	X			X	O	O	O		X	X	O		X			Y
MAB	O	O	O	O			X	X	O	O	O			O		O	O		O	O	O		X		X	
N1				K								O														
N3 - R3				K								O														
PHP**	X ^o	X ^o	X ^o	X ^o		O	X		X	X	X	X ^o	X ^o	X	X		O		X	X	X	X	X	O	X	O

X= recommended/ designed for (X^{*}= high frequency; X^o= high frequency and medium-high pulse; X[^]= high frequency and high pulse)

O=possible choice / second choice

K= interference suppression/ sparks elimination

Y= for the DC link (not for the pulse section)

Z= very low voltage only

** **NEW SERIES**