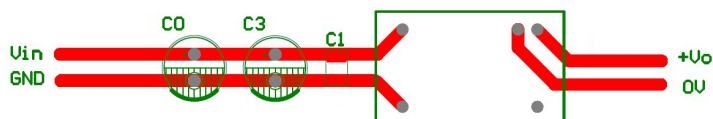
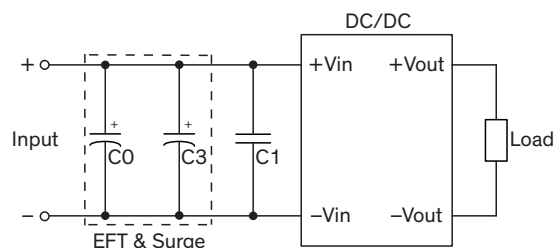


EMI Consideration

Suggested filter to comply with EN 55032 Conducted and Radiated Emissions Class A limits, EFT & Surge

Single output models

PCB layout suggestion

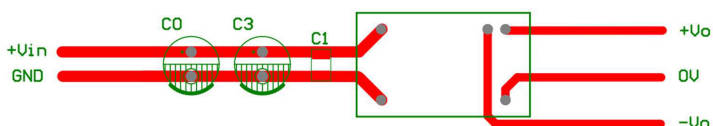
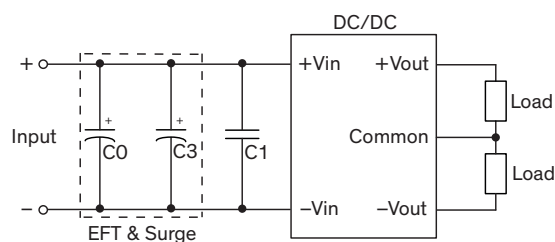


Suggested components to comply with EN 55032 Class A limits, EFT & Surge

Model	EFT & Surge		C1
	C0	C3	
TEL 6-121xWI	2200 μF / 50 V	100 μF / 35 V	22 μF / 50 V
TEL 6-241xWI	470 μF / 100 V	470 μF / 100 V	
TEL 6-481xWI			10 μF / 50 V

Dual output models

PCB layout suggestion



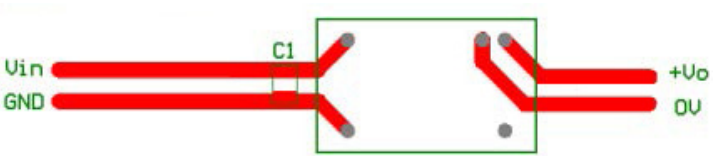
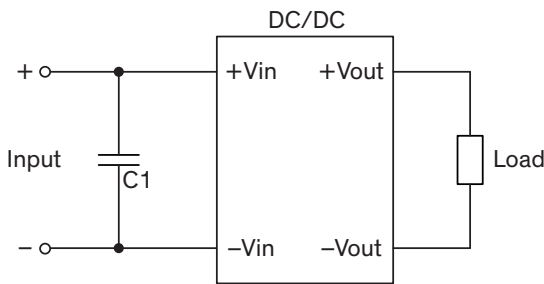
Suggested components to comply with EN 55032 Class A limits, EFT & Surge

Model	EFT & Surge		C1
	C0	C3	
TEL 6-122xWI	2200 μ F / 35 V	2200 μ F / 35 V	10 μ F / 50 V
TEL 6-242xWI	470 μ F / 100 V	470 μ F / 100 V	4.7 μ F / 100 V
TEL 6-482xWI			

Suggested filter to comply with EN 55032 Conducted and Radiated Emissions Class A limits

Single output models

PCB layout suggestion

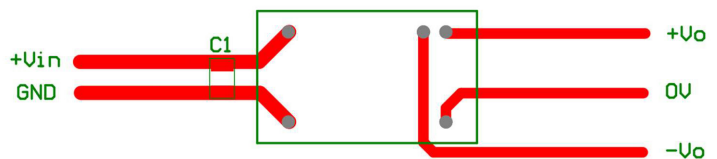
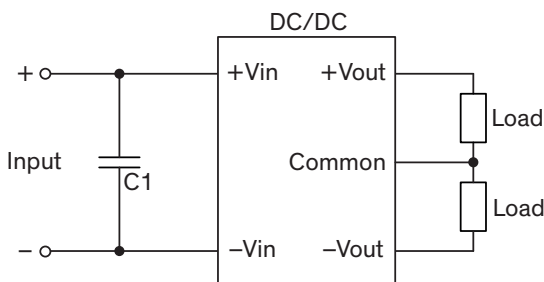


Suggested components to comply with EN 55032 Class A limits

Model	C1
TEL 6-121xWI	22 μ F / 50 V
TEL 6-241xWI	
TEL 6-481xWI	10 μ F / 100 V

Dual output models

PCB layout suggestion



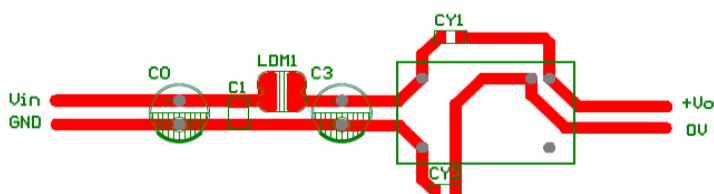
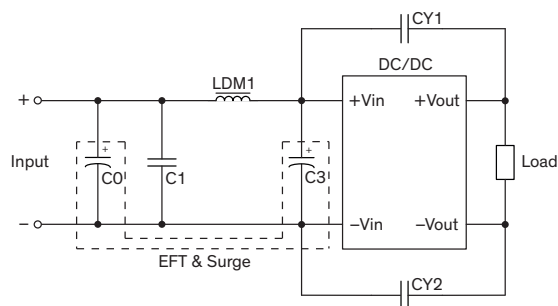
Suggested components to comply with EN 55032 Class A limits

Model	C1
TEL 6-122xWI	10 μ F / 50 V
TEL 6-242xWI	
TEL 6-482xWI	4.7 μ F / 100 V

Suggested filter to comply with EN 55032 Conducted and Radiated Emissions Class B limits, EFT & Surge

Single output models

PCB layout suggestion

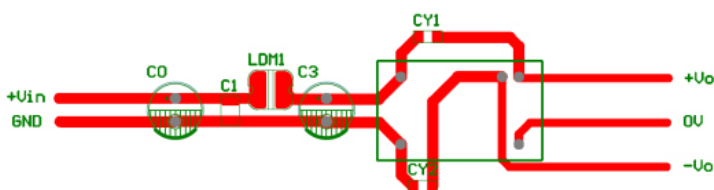
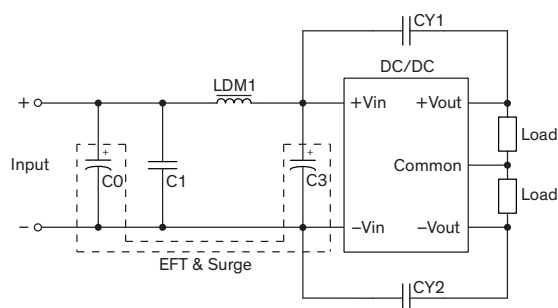


Suggested components to comply with EN 55032 Class B limits, EFT & Surge

Model	EFT & Surge		C1	LDM1	CY1, CY2
	C0	C3			
TEL 6-121xWI	2200 μF / 50 V	100 μF / 35 V	1 μF / 100 V	4.7 μH	1 nF / 2 kV
TEL 6-241xWI	470 μF / 100 V	470 μF / 100 V			
TEL 6-481xWI					

Dual output models

PCB layout suggestion



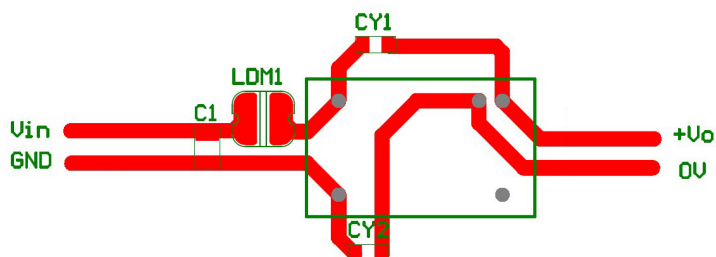
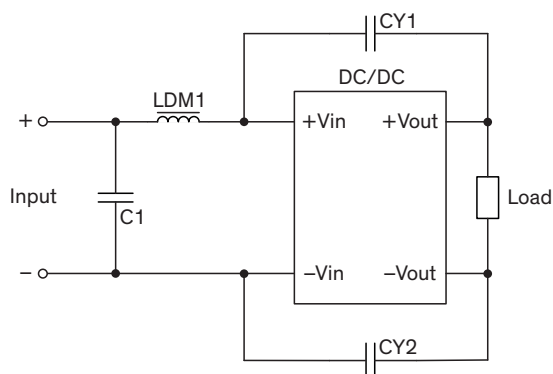
Suggested components to comply with EN 55032 Class B limits, EFT & Surge

Model	EFT & Surge		C1	LDM1	CY1, CY2
	C0	C3			
TEL 6-122xWI	2200 μF / 35 V	2200 μF / 35 V	1 μF / 100 V	4.7 μH	2.2 nF / 2 kV
TEL 6-242xWI	470 μF / 100 V	470 μF / 100 V			
TEL 6-482xWI					

Suggested filter to comply with EN 55032 Conducted and Radiated Emissions Class B limits

Single output models

PCB layout suggestion

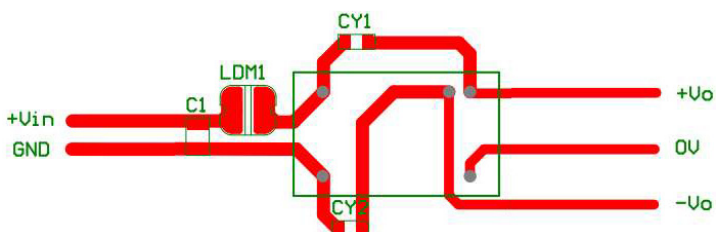
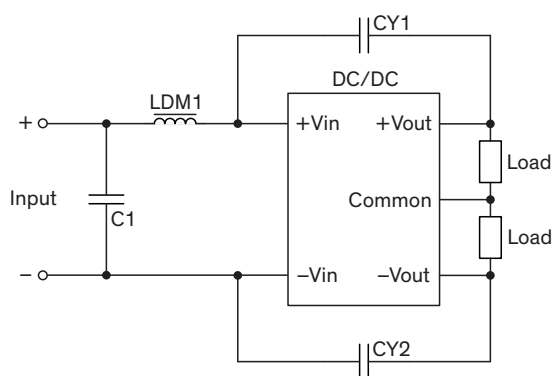


Suggested components to comply with EN 55032 Class B limits

Model	C1	LDM1	CY1, CY2
TEL 6-121xWI TEL 6-241xWI TEL 6-481xWI	1 μ F / 100 V	4.7 μ H	1 nF / 2 kV

Dual output models

PCB layout suggestion



Suggested components to comply with EN 55032 Class B limits

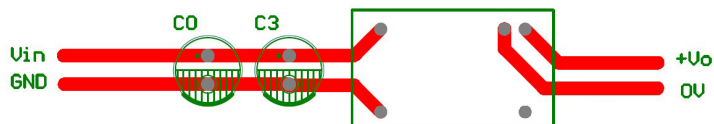
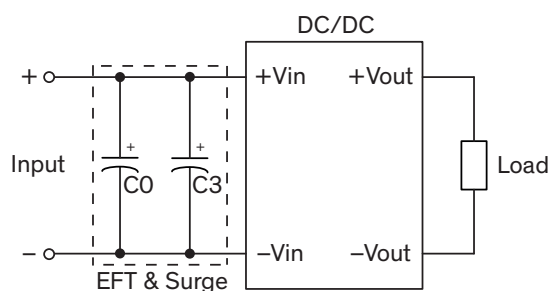
Model	C1	LDM1	CY1, CY2
TEL 6-122xWI TEL 6-242xWI TEL 6-482xWI	1 μ F / 100 V	4.7 μ H	2.2 nF / 2 kV

EMS Consideration

Suggested filter to comply with EN 61000-4-4 EFT & EN 61000-4-5 Surge

Single output models

PCB layout suggestion

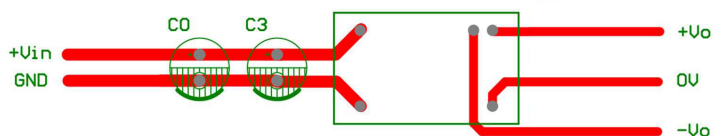
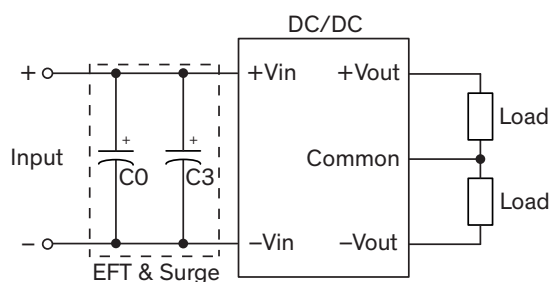


Suggested components to comply with EN 61000-4-4 EFT & EN 61000-4-5 Surge

Model	C0	C3
TEL 6-121xWI	2200 μ F / 50 V	100 μ F / 35 V
TEL 6-241xWI	470 μ F / 100 V	470 μ F / 100 V
TEL 6-481xWI		

Dual output models

PCB layout suggestion



Suggested components to comply with EN 61000-4-4 EFT & EN 61000-4-5 Surge

Model	C0	C3
TEL 6-121xWI	2200 μ F / 35 V	2200 μ F / 35 V
TEL 6-241xWI	470 μ F / 100 V	470 μ F / 100 V
TEL 6-481xWI		