SKYBERGTECH

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Traction interference suppression filters series: 2KP

Description:

SKY2KP200, SKY2KP200-1, SKY2KP350 and **SKY2KP700** are traction passive interference suppression LC filters produced by SKYBERGTECH company. They are connected so that they restrict quantity of radio frequency interference coming to the trolley wire from the traction vehicle. The filters are designed for outdoors.

SKY2KP200

TECHNICAL PARAMETERS:

Nominal current	200A
Nominal voltage	750Vdc
Warming @ 200A	30°C
Warming @ 200A minimal flow 1m/s	20°C
Power loss @ 200A	27W
Testing voltage (22+21+31) - PE/2s	6kVdc
Surrounding temperature	from -40°C to +60°C

SKY2KP200-1

TECHNICAL PARAMETERS:

Nominal current	200A
Nominal voltage	750Vdc
Warming @ 200A	30°C
Warming @ 200A minimal flow 1m/s	10°C
Power loss @ 200A	20W
Testing voltage (22+21+31) - PE/2s	5kVdc
Surrounding temperature	from -40°C to +60°C

SKY2KP350

TECHNICAL PARAMETERS:

Nominal current	350A
Nominal voltage	750Vdc
Warming @ 200A	40°C
Warming @ 200A minimal flow 1m/s	10°C
Power loss @ 200A	20W
Testing voltage (22+21+31) - PE/2s	5kVdc
Surrounding temperature	from -40°C to +60°C

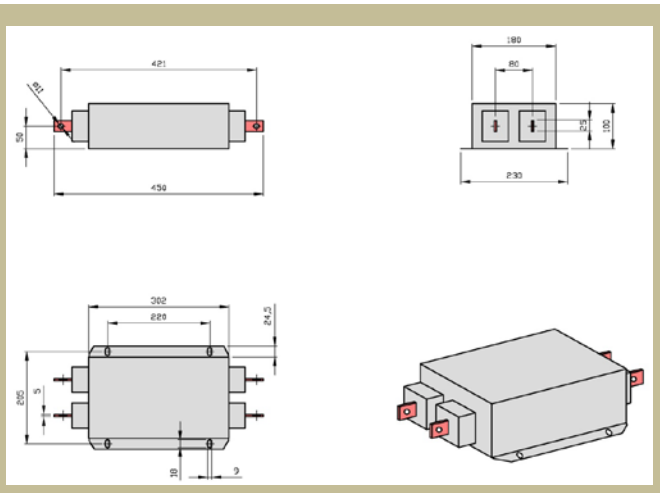
SKY2KP700

TECHNICAL PARAMETERS:

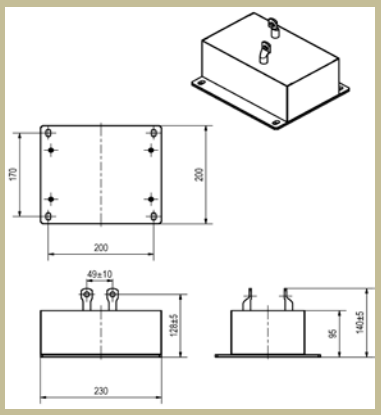
Nominal current	700A
Nominal voltage	750Vdc
Warming @ 200A	40°C
Warming @ 200A minimal flow 1m/s	10°C
Power loss @ 200A	30W
Testing voltage (22+21+31) - PE/2s	5kVdc
Surrounding temperature	from -40°C to +60°C

Type	Nominal current [A]	Leakage current 1*) [mA]	Weight [kg]	Conductor cross section [mm 2]	basic dimensions [mm]				
					A length	B height	C width	D pitch	E pitch
SKY2KP200	200	-	13	25x5	450	100	230	220	205
SKY2KP200-1	200	-	9	25x5	230	140	200	200	170
SKY2KP350	350	-	9	25x5	364	120	167	145	143
SKY2KP700	700	-	15	35x5	500	120	180	350	143

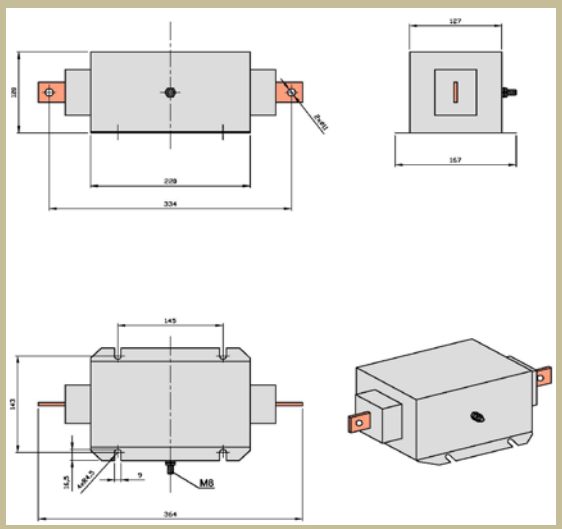
Dimensional drawing : SKY2KP200



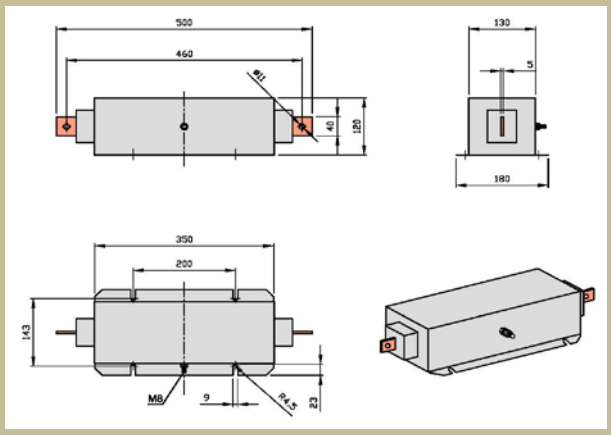
Dimensional drawing : SKY2KP200-1



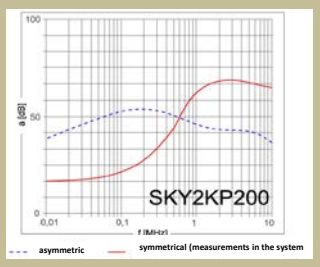
Dimensional drawing : SKY2KP350

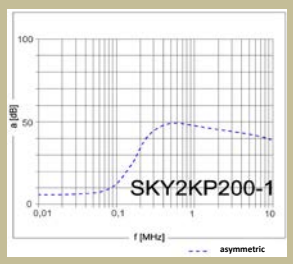


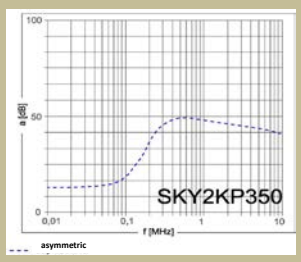
Dimensional drawing : SKY2KP700

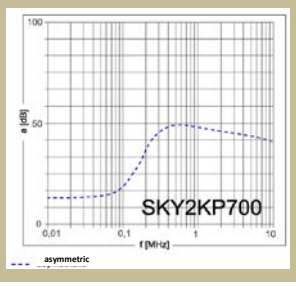


Attenuation characteristic:



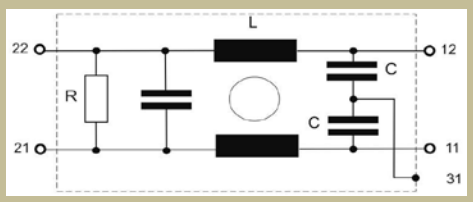




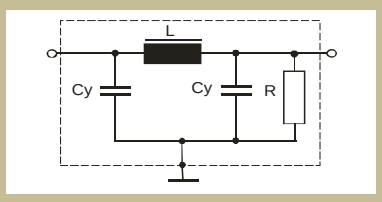


Wiring diagram:

SKY2KP200



SKY2KP200-1, SKY2KP350, SKY2KP700



Service conditions:

If damage, exceeding of technical parameters and breach of service conditions not occur, an annual visual check of the filter will be enough. If the damage, exceeding of technical parameters or breach of service conditions occurs, it will be necessary to review or repair the filter by the producer.

An expected life is 10 years minimally if the technical parameters are not exceeded and the service conditions are not breached.

Use:

The filters are designed and engineered for outdoor traction.