

# Power Factor Correction Systems

Power Factor Correction Systems – detuned



## LSFC-P

### Power Factor Correction Systems – detuned

Ready to connect, automatic Power Factor Correction Systems in sheet steel cabinets for floor installation. Detuned – for low-voltage networks with harmonic content.

- Power Range: 75 to 500 kvar
- Modular construction in freestanding sheet steel cabinet
- Ready for connection
- Fully automatic and intelligent Power Factor Control Relay
- Power Factor Correction Capacitors LKT dry-type with four safety features

#### Application Recommendations

Power Factor Correction Systems, type LSFC-P are suitable for compensation in networks with harmonic distortion according to EN 61000-2-4 class 2.

They are available as follows:

Version	Detuning factor	Resonance frequency
P1	$\rho = 14 \%$	134 Hz
P7	$\rho = 7 \%$	189 Hz
P8	$\rho = 8 \%$	177 Hz
P5	$\rho = 5.67 \%$	210 Hz

# Power Factor Correction Systems

Power Factor Correction Systems – detuned

## Power Range

Power Factor Correction System in sheet steel cabinet:

- 75 to 500 kvar

## Design

The ready-for-connection Power Factor Correction System consists of pre-assembled capacitor-reactor modules, type C6XD... or C8XD... and the suitable sheet steel cabinet.

The cabinet contains:

- Self-healing LKT type power capacitors with low-loss self-healing dielectric made from segmented metallised polypropylene film. Filled with a PCB-free filler. With discharge resistors, as per EN 60831-1 and -2 as well as IEC 60831-1 and -2
- Heavy duty Capacitor Switching Contactors
- Harmonic Filter Reactors with overtemperature switch
- Fuse links, 3-pole, size NH00
- Control terminal strip with control fuse and thermal trip contact for safety shutdown
- Intelligent Power Factor Control Relay of the PQC series
- Thermostatically controlled motor fan

## Installation Site

The place of installation must comply with the requirements of the ingress protection and ambient temperature concerned.

## Regulations

For installation and connection of Power Factor Correction Capacitors in Germany the following regulations must be complied with: VDE 0100, VDE 0105, VDE 0560 Part 46 and VDE 0106 Part 100 (German Association of Electrical Engineers). In other countries the equivalent local regulations must be followed.

## Connection

The power supply cable and the current transformer cable enter the bottom of the cabinet through a sliding gland plate and a cable clamp rail, the power supply being connected to the busbar system and the current transformer cable to the terminal strip provided.

## System Expansion

An extension of the system is possible by adding LSFCZ-P extension units. This extension unit will be integrated in the existing control circuit via the control cable (supplied with the extension unit).

## Technical Data

<b>Design</b>	Sheet steel cabinet with door right hinged
<b>Rated voltage</b>	400 V/50 Hz
<b>Rated voltage of capacitors</b>	440 V/50 Hz
<b>Ambient temperature</b>	-5 °C to +40 °C
<b>Humidity</b>	Max. 90 %, no condensation
<b>Cabinet colour</b>	RAL 7035
<b>Standards</b>	EN 60831-1 and -2 IEC 60831-1 and -2 EN 61921 IEC 61921 EN 61439-1 and -2 IEC 61439-1 and 2 UKCA

## Important Notes

For further information on power factor correction and harmonics please refer to our "Manual of Power Quality".

FRAKO systems are designed for connecting 5 core cables. If a 4-core cable is used, a jumper must be fitted to connect PE and N, or a control transformer must be installed.

# Power Factor Correction Systems

Power Factor Correction Systems – detuned

Version: P1 (Detuning factor p = 14 %)

Article-No.	Type	Rated power [kvar]	Stage power [kvar]	Switching sequence	Dimensions			Weight (gross) approx. [kg]	Protection IP
					Width [mm]	Height [mm]	Depth [mm]		

Power Factor Correction Systems in sheet steel cabinets (width = 600 mm), rated mains voltage: 400 V / 50 Hz

Type series: LSFC ...-P1

34-22615	LSFC 75-6,25-212-400-64-620-P1	75	6.25	1:1:2:4:4	600	2000	400	189	20
34-22616	LSFC 75-12,5-11A-400-64-620-P1	75	12.5	1:2:3	600	2000	400	198	20
34-22618	LSFC 87,5-6,25-211A-400-64-620-P1	87.5	6.25	1:1:2:4:6	600	2000	400		20
34-22619	LSFC 87,5-12,5-21A-400-64-620-P1	87.5	12.5	1:1:2:3	600	2000	400		20
34-22620	LSFC 100-6,25-213-400-64-620-P1	100	6.25	1:1:2:4:4:4	600	2000	400		20
34-22621	LSFC 100-12,5-23-400-64-620-P1	100	12.5	1:1:2:2:2	600	2000	400		20
34-22622	LSFC 100-25-4-400-64-620-P1	100	25	1:1:1:1	600	2000	400		20
34-22623	LSFC 112,5-12,5-11B-400-64-620-P1	112.5	12.5	1:2:3:3	600	2000	400		20
34-22624	LSFC 125-12,5-21B-400-64-620-P1	125	12.5	1:1:2:3:3	600	2000	400		20
34-22625	LSFC 150-37,5-4-400-64-620-P1	150	37.5	1:1:1:1	600	2000	400		20
34-22626	LSFC 150-25-22-400-66-620-P1	150	25	1:1:2:2	600	2110	600		41
34-22627	LSFC 175-25-13-400-66-620-P1	175	25	1:2:2:2	600	2110	600		41
34-22628	LSFC 200-50-4-400-66-620-P1	200	50	1:1:1:1	600	2110	600		41

Power Factor Correction Systems, extension units in sheet steel cabinets (width = 600 mm), rated mains voltage: 400 V / 50 Hz

Type series: LSFCZ ...-P1

34-16666	LSFCZ 150-50-3-400-66-P1	150	50	1:1:1	600	2110	600		41
34-16667	LSFCZ 200-50-4-400-66-P1	200	50	1:1:1:1	600	2110	600		41

Power Factor Correction Systems in sheet steel cabinets (width = 800 mm), rated mains voltage: 400 V / 50 Hz

Type series: LSFC ...-P1

34-22629	LSFC 100-12,5-211-400-85-620-P1	100	12.5	1:1:2:4	800	2110	500	257	41
34-22630	LSFC 100-25-21-400-85-620-P1	100	25	1:1:2	800	2110	500	251	41
34-22631	LSFC 125-12,5-221-400-85-620-P1	125	12.5	1:1:2:2:4	800	2110	500	282	41
34-22632	LSFC 125-25-12-400-85-620-P1	125	25	1:2:2	800	2110	500	264	41
34-22633	LSFC 150-12,5-212-400-85-620-P1	150	12.5	1:1:2:4:4	800	2110	500	309	41
34-22634	LSFC 150-25-22-400-85-620-P1	150	25	1:1:2:2	800	2110	500	301	41
34-22635	LSFC 175-25-13-400-85-620-P1	175	25	1:2:2:2	800	2110	500	328	41
34-22636	LSFC 200-12,5-213-400-85-620-P1	200	12.5	1:1:2:4:4:4	800	2110	500	340	41
34-22637	LSFC 200-25-23-400-85-620-P1	200	25	1:1:2:2:2	800	2110	500	371	41
34-22638	LSFC 225-25-14-400-85-620-P1	225	25	1:2:2:2:2	800	2110	500	382	41
34-22639	LSFC 250-25-24-400-85-620-P1	250	25	1:1:2:2:2:2	800	2110	500	416	41
34-22640	LSFC 250-50-5-400-85-620-P1	250	50	1:1:1:1:1	800	2110	500	403	41
34-22641	LSFC 275-25-15-400-85-620-P1	275	25	1:2:2:2:2:2	800	2110	500	427	41
34-22642	LSFC 300-25-25-400-85-650-P1	300	25	1:1:2:2:2:2:2	800	2110	500	470	41
34-22643	LSFC 300-50-6-400-85-620-P1	300	50	1:1:1:1:1:1	800	2110	500	466	41
34-22644	LSFC 325-25-16-400-85-650-P1	325	25	1:2:2:2:2:2:2	800	2110	500	444	41
34-22645	LSFC 350-25-26-400-85-650-P1	350	25	1:1:2:2:2:2:2:2	800	2110	500	533	41
34-22646	LSFC 350-50-7-400-85-650-P1	350	50	1:1:1:1:1:1:1	800	2110	500	516	41
34-22647	LSFC 375-25-17-400-85-650-P1	375	25	1:2:2:2:2:2:2:2	800	2110	500	534	41
34-22648	LSFC 400-50-8-400-85-650-P1	400	50	1:1:1:1:1:1:1:1	800	2110	500	573	41
34-22649	LSFC 500-50-0-400-86-650-P1	500	50	1:1:1:1:1:1:1:1:1	800	2110	600	670	41

# Power Factor Correction Systems

Power Factor Correction Systems – detuned

Article- No.	Type	Rated power [kvar]	Stage power [kvar]	Switching sequence	Dimensions			Weight (gross) approx. [kg]	Protection IP
					Width [mm]	Height [mm]	Depth [mm]		

**Power Factor Correction Systems, extension units in sheet steel cabinets (width = 800 mm), rated mains voltage: 400 V / 50 Hz**  
**Type series: LSFCZ ...-P1**

34-16209	LSFCZ 100-50-2-400-85-P1	100	50	1:1	800	2110	500	230	41
34-16210	LSFCZ 150-50-3-400-85-P1	150	50	1:1:1	800	2110	500	338	41
34-16211	LSFCZ 200-50-4-400-85-P1	200	50	1:1:1:1	800	2110	500	354	41
34-16212	LSFCZ 250-50-5-400-85-P1	250	50	1:1:1:1:1	800	2110	500	397	41
34-16213	LSFCZ 300-50-6-400-85-P1	300	50	1:1:1:1:1:1	800	2110	500	460	41
34-16214	LSFCZ 350-50-7-400-85-P1	350	50	1:1:1:1:1:1:1	800	2110	500	503	41
34-16215	LSFCZ 400-50-8-400-85-P1	400	50	1:1:1:1:1:1:1:1	800	2110	500	579	41

Other rated voltages, frequencies and power ratings on request.

Recommended supply lead cross sections: please refer to the technical annex.

**Version: P7 (Detuning factor  $p = 7\%$ )**

Article- No.	Type	Rated power [kvar]	Stage power [kvar]	Switching sequence	Dimensions			Weight (gross) approx. [kg]	Protection IP
					Width [mm]	Height [mm]	Depth [mm]		

**Power Factor Correction Systems in sheet steel cabinets (width = 600 mm), rated mains voltage: 400 V / 50 Hz**  
**Type series: LSFC ...-P7**

34-22650	LSFC 75-6,25-212-400-64-620-P7	75	6.25	1:1:2:4:4	600	2000	400	174	20
34-22651	LSFC 75-12,5-11A-400-64-620-P7	75	12.5	1:2:3	600	2000	400	174	20
34-22653	LSFC 93,75-6,25-1111-400-64-620-P7	93.75	6.25	1:2:4:8	600	2000	400	184	20
34-22654	LSFC 100-12,5-211-400-64-620-P7	100	12.5	1:1:2:4	600	2000	400	188	20
34-22655	LSFC 100-25-21-400-64-620-P7	100	25	1:1:2	600	2000	400	191	20
34-22656	LSFC 125-12,5-221-400-64-620-P7	125	12.5	1:1:2:2:4	600	2000	400	216	20
34-22657	LSFC 125-25-12-400-64-620-P7	125	25	1:2:2	600	2000	400	204	20
34-22658	LSFC 150-12,5-212-400-64-620-P7	150	12.5	1:1:2:4:4	600	2000	400	233	20
34-22659	LSFC 150-25-22-400-64-620-P7	150	25	1:1:2:2	600	2000	400	228	20
34-22660	LSFC 175-25-13-400-64-620-P7	175	25	1:2:2:2	600	2000	400	243	20
34-22661	LSFC 200-12,5-213-400-64-620-P7	200	12.5	1:1:2:4:4:4	600	2000	400	274	20
34-22662	LSFC 200-25-23-400-64-620-P7	200	25	1:1:2:2:2	600	2000	400	268	20
34-22663	LSFC 200-50-4-400-64-620-P7	200	50	1:1:1:1	600	2000	400	268	20

**Power Factor Correction Systems, extension units in sheet steel cabinets (width = 600 mm), rated mains voltage: 400 V / 50 Hz**  
**Type series: LSFCZ ...-P7**

34-16221	LSFCZ 100-50-2-400-64-P7	100	50	1:1	600	2000	400	181	20
34-16222	LSFCZ 150-50-3-400-64-P7	150	50	1:1:1	600	2000	400	226	20
34-16223	LSFCZ 200-50-4-400-64-P7	200	50	1:1:1:1	600	2000	400	193	20

**Power Factor Correction Systems in sheet steel cabinets (width = 800 mm), rated mains voltage: 400 V / 50 Hz**  
**Type series: LSFC ...-P7**

34-22664	LSFC 100-12,5-211-400-84-620-P7	100	12.5	1:1:2:4	800	2000	400	213	20
34-22665	LSFC 100-12,5-211-400-85-620-P7	100	12.5	1:1:2:4	800	2000	500	202	20
34-22666	LSFC 100-25-21-400-84-620-P7	100	25	1:1:2	800	2000	400	189	20
34-22667	LSFC 125-12,5-221-400-84-620-P7	125	12.5	1:1:2:2:4	800	2000	400	218	20
34-22668	LSFC 125-25-12-400-84-620-P7	125	25	1:2:2	800	2000	400	214	20
34-22669	LSFC 150-12,5-212-400-84-620-P7	150	12.5	1:1:2:4:4	800	2000	400	234	20
34-22670	LSFC 150-25-22-400-84-620-P7	150	25	1:1:2:2	800	2000	400	234	20
34-22671	LSFC 175-25-13-400-84-620-P7	175	25	1:2:2:2	800	2000	400	247	20

# Power Factor Correction Systems

Power Factor Correction Systems – detuned

Article- No.	Type	Rated power	Stage power	Switching sequence	Dimensions			Weight (gross) approx. [kg]	Protection IP
		[kvar]	[kvar]		Width [mm]	Height [mm]	Depth [mm]		
34-22672	LSFC 187,5-12,5-113-400-84-620-P7	187.5	12.5	1:2:4:4:4	800	2000	400	260	20
34-22673	LSFC 200-12,5-213-400-85-620-P7	200	12.5	1:1:2:4:4:4	800	2000	500	288	20
34-22674	LSFC 200-25-23-400-84-620-P7	200	25	1:1:2:2:2	800	2000	400	263	20
34-22675	LSFC 225-25-14-400-84-620-P7	225	25	1:2:2:2:2	800	2000	400	294	20
34-22676	LSFC 250-25-24-400-84-620-P7	250	25	1:1:2:2:2:2	800	2000	400	314	20
34-22677	LSFC 250-50-5-400-84-620-P7	250	50	1:1:1:1:1	800	2000	400	308	20
34-22678	LSFC 275-25-15-400-84-620-P7	275	25	1:2:2:2:2:2	800	2000	400	326	20
34-22679	LSFC 300-25-25-400-84-650-P7	300	25	1:1:2:2:2:2:2	800	2000	400	347	20
34-22680	LSFC 300-50-6-400-84-620-P7	300	50	1:1:1:1:1:1	800	2000	400	343	20
34-22681	LSFC 325-25-16-400-84-650-P7	325	25	1:2:2:2:2:2:2	800	2000	400	369	20
34-22682	LSFC 350-25-26-400-84-650-P7	350	25	1:1:2:2:2:2:2:2	800	2000	400	384	20
34-22683	LSFC 350-50-7-400-84-650-P7	350	50	1:1:1:1:1:1:1	800	2000	400	384	20
34-22684	LSFC 375-25-17-400-84-650-P7	375	25	1:2:2:2:2:2:2:2	800	2000	400	404	20
34-22685	LSFC 400-25-27-400-84-650-P7	400	25	1:1:2:2:2:2:2:2:2	800	2000	400	420	20
34-22686	LSFC 400-50-8-400-84-650-P7	400	50	1:1:1:1:1:1:1:1	800	2000	400	417	20
34-22687	LSFC 500-50-0-400-85-650-P7	500	50	1:1:1:1:1:1:1:1:1	800	2110	500	509	41

**Power Factor Correction Systems, extension units in sheet steel cabinets (width = 800 mm), rated mains voltage: 400 V / 50 Hz**  
**Type series: LSFCZ ...-P7**

34-16202	LSFCZ 100-50-2-400-84-P7	100	50	1:1	800	2000	400	187	20
34-16203	LSFCZ 150-50-3-400-84-P7	150	50	1:1:1	800	2000	400	229	20
34-16204	LSFCZ 200-50-4-400-84-P7	200	50	1:1:1:1	800	2000	400	261	20
34-16205	LSFCZ 250-50-5-400-84-P7	250	50	1:1:1:1:1	800	2000	400	279	20
34-16206	LSFCZ 300-50-6-400-84-P7	300	50	1:1:1:1:1:1	800	2000	400	345	20
34-16207	LSFCZ 350-50-7-400-84-P7	350	50	1:1:1:1:1:1:1	800	2000	400	387	20
34-16208	LSFCZ 400-50-8-400-84-P7	400	50	1:1:1:1:1:1:1:1	800	2000	400	418	20

Versions with an 8 % choke factor are available with the same corrective power and configuration of the capacitance stages.

Other rated voltages, frequencies and power ratings on request.

Recommended supply lead cross sections: please refer to the technical annex.

# Power Factor Correction Systems

Power Factor Correction Systems – detuned

Version: P5 (Detuning factor  $p = 5.67\%$ )

Article-No.	Type	Rated power [kvar]	Stage power [kvar]	Switching sequence	Dimensions			Weight (gross) approx. [kg]	Protection IP
					Width [mm]	Height [mm]	Depth [mm]		

Power Factor Correction Systems in sheet steel cabinets (width = 800 mm), rated mains voltage: 400 V / 50 Hz

Type series: LSFC ...-P5

34-22756	LSFC 100-25-21-400-85-650-P5	100	25	1:1:2	800	2110	500	195	41
34-22757	LSFC 125-25-12-400-85-650-P5	125	25	1:2:2	800	2110	500	230	41
34-22758	LSFC 150-25-22-400-85-650-P5	150	25	1:1:2:2	800	2110	500	250	41
34-22759	LSFC 175-25-13-400-85-650-P5	175	25	1:2:2:2	800	2110	500	285	41
34-22760	LSFC 200-25-23-400-85-650-P5	200	25	1:1:2:2:2	800	2110	500	305	41
34-22761	LSFC 225-25-14-400-85-650-P5	225	25	1:2:2:2:2	800	2110	500	330	41
34-22762	LSFC 250-25-24-400-85-650-P5	250	25	1:1:2:2:2:2	800	2110	500	344	41
34-22763	LSFC 250-50-5-400-85-650-P5	250	50	1:1:1:1:1	800	2110	500	396	41
34-22764	LSFC 275-25-15-400-85-650-P5	275	25	1:2:2:2:2:2	800	2110	500	422	41
34-22765	LSFC 300-25-25-400-85-650-P5	300	25	1:1:2:2:2:2:2	800	2110	500	435	41
34-22766	LSFC 300-50-6-400-85-650-P5	300	50	1:1:1:1:1:1:1	800	2110	500	422	41
34-22767	LSFC 325-25-16-400-85-650-P5	325	25	1:2:2:2:2:2:2	800	2110	500	460	41
34-22768	LSFC 350-25-26-400-85-650-P5	350	25	1:1:2:2:2:2:2:2	800	2110	500	520	41
34-22769	LSFC 350-50-7-400-85-650-P5	350	50	1:1:1:1:1:1:1:1	800	2110	500	526	41
34-22770	LSFC 375-25-17-400-85-650-P5	375	25	1:2:2:2:2:2:2:2	800	2110	500	555	41
34-22771	LSFC 400-50-8-400-85-650-P5	400	50	1:1:1:1:1:1:1:1:1	800	2110	500	565	41
34-22772	LSFC 500-50-0-400-86-650-P5	500	50	1:1:1:1:1:1:1:1:1:1	800	2110	600	640	41

Power Factor Correction Systems, extension units in sheet steel cabinets (width = 800 mm), rated mains voltage: 400 V / 50 Hz

Type series: LSFCZ ...-P5

34-16634	LSFCZ 100-50-2-400-85-P5	100	50	1:1	800	2110	500	220	41
34-16635	LSFCZ 150-50-3-400-85-P5	150	50	1:1:1	800	2110	500	260	41
34-16636	LSFCZ 200-50-4-400-85-P5	200	50	1:1:1:1	800	2110	500	300	41
34-16637	LSFCZ 250-50-5-400-85-P5	250	50	1:1:1:1:1	800	2110	500	350	41
34-16638	LSFCZ 300-50-6-400-85-P5	300	50	1:1:1:1:1:1	800	2110	500	410	41
34-16639	LSFCZ 350-50-7-400-85-P5	350	50	1:1:1:1:1:1:1	800	2110	500	460	41
34-16640	LSFCZ 400-50-8-400-85-P5	400	50	1:1:1:1:1:1:1:1	800	2110	500	510	41

Other rated voltages, frequencies and power ratings on request.

Recommended supply lead cross sections: please refer to the technical annex.

# Power Factor Correction Systems

Power Factor Correction Systems – detuned

## Options and accessories for Power Factor Correction Systems type LSFC-P 400 V, 50 Hz

### Options, mounted and wired ready for operation

Article-No.	Type	Description	for System type
S34-5540	-650- (instead of -620)	Power Factor Control Relay PQC-12/1 instead of PQC-6/1	all
S34-5519	-66- (instead of -64-)	FRAKO LSFC-66, WxHxD: 600x2000x600 mm (without floor standing base and roof)	LSFC-64
S34-5528	-66- (instead of -84-)	FRAKO LSFC-66, WxHxD: 600x2000x600 mm (without floor standing base and roof)	LSFC-84
S34-5503	-84- (instead of -64-)	FRAKO LSFC-84, WxHxD: 800x2000x400 mm (without floor standing base and roof)	LSFC-64
S34-5524	-85- (instead of -84-)	FRAKO LSFC-85, WxHxD: 800x2000x500 mm (without floor standing base and roof)	LSFC-84
S34-5517	-86- (instead of -84/85-)	FRAKO LSFC-86, WxHxD: 800x2000x600 mm (without floor standing base and roof)	LSFC-84/-85
S34-5554	-119- (instead of -64-)	Rittal VX 8604, WxHxD: 600x2000x400 mm (without floor standing base and roof)	LSFC-64
S34-5555	-118- (instead of -84/85-)	Rittal VX 8606 WxHxD: 600x2000x600 mm (without floor standing base and roof)	LSFC-84/-85
S34-5556	-117- (instead of -84-)	Rittal VX 8804, WxHxD: 800x2000x400 mm (without floor standing base and roof)	LSFC-84
S34-5557	-116- (instead of -85-)	Rittal VX 8805, WxHxD: 800x2000x500 mm (without floor standing base and roof)	LSFC-85
S34-5558	-115- (instead of -84-)	Rittal VX 8806, WxHxD: 800x2000x600 mm (without floor standing base and roof)	LSFC-84
S34-5559	-115- (instead of -85-)	Rittal VX 8806, WxHxD: 800x2000x600 mm (without floor standing base and roof)	LSFC-85
S34-5509	-Li	Cabinet door with door left hinged	
S34-5023	-S60	Pivoting lever closure for mounting a semiprofile cylinder	all
S34-0060	-SO (+ Description)	Special painting outside (RAL-Scale)	all
S34-0010	-S1	Cable entry through the switch cabinet roof with connection at the top	up to 400 kvar/Cabinet
S34-5512	-54	Ingress protection IP54	≤ 300 kvar/Cabinet
S34-5513	-54	Ingress protection IP54	> 300 ≤ 400 kvar/Cabinet
S34-5523	-S572	Ingress protection IP41, roof vent installation on cabinet instead of a roof vent installation in cabinet	≤ 400 kvar/Cabinet
S34-5511	-S131	Fuse switch disconnecter instead of fuse base per 50 kvar	all
S34-5514	-SLTA	Fuse switch disconnecter in cable entry compartment	≤ 200 kvar/Cabinet
S34-5515	-SLTA	Fuse switch disconnecter in cable entry compartment	≤ 300 kvar/Cabinet
S34-0108	-LSA	Switch disconnecter* three-pole, 400 A in cable entry compartment	≤ 200 kvar/Cabinet
S34-0106	-LSA	Switch disconnecter* three-pole, 630 A in cable entry compartment,	≤ 300 kvar/Cabinet
S34-0039	-S56	Control switch (On/Off) fitted and connected (requirement for power factor correction systems installed in Switzerland)	all
S34-5535	-S19	Control phase + N via a protective motor switch (option for France)	all
S34-5536	-S119	Control transformer set 500 VA primary and secondary fuses	≤ 500 kvar
S34-5526	-S119	Control transformer set 800 VA incl. primary and secondary fuses	> 500 ≤ 900 kvar
S34-0040	-S66	Summation current transformer 5+5/5A	all
S34-0081	-S66	Summation current transformer 5+5+5/5A	all
S34-5049	-S145	Switch cabinet lighting with power outlet and position switch	all

\*) Switch disconnecter can be operated from the outside

# Power Factor Correction Systems

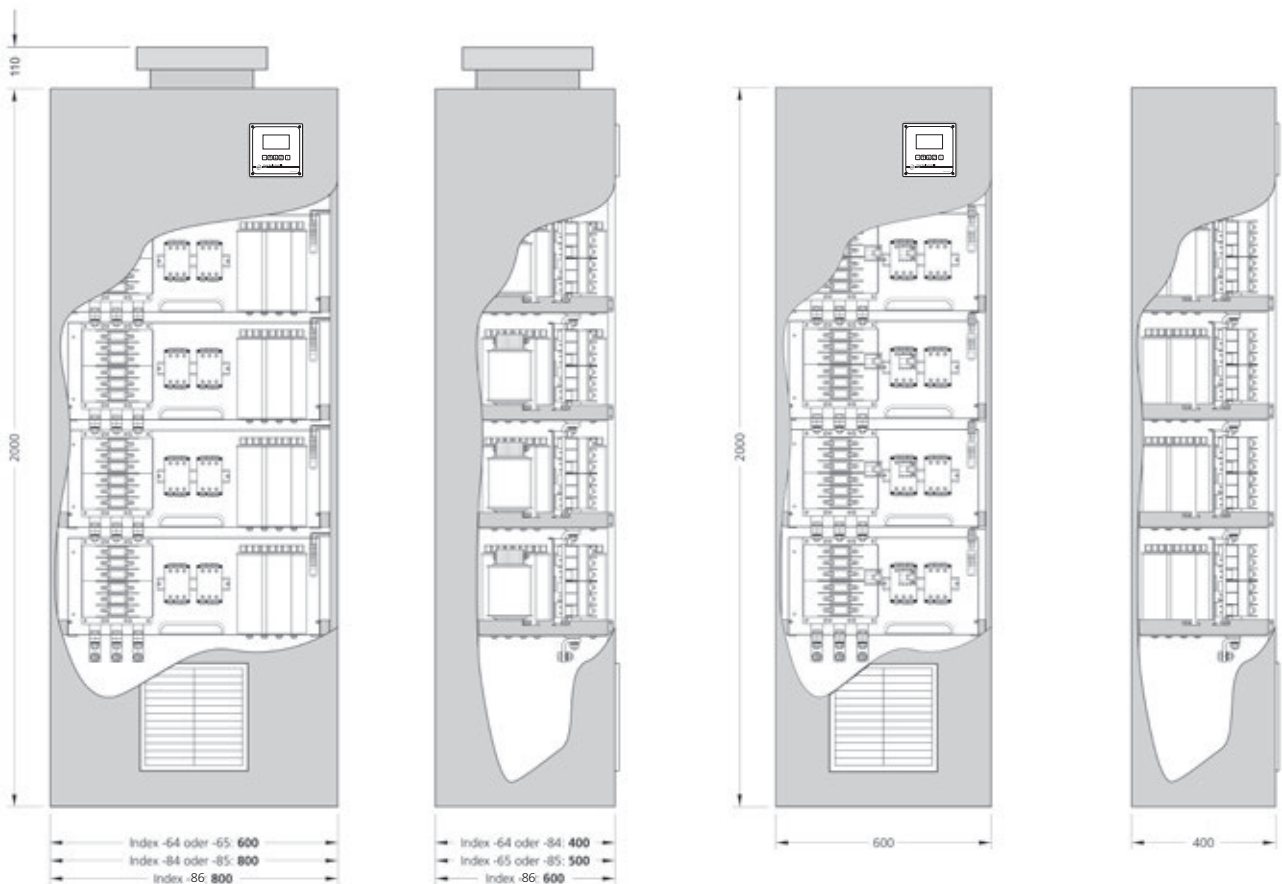
Power Factor Correction Systems – detuned

## Accessories

Article-No.	Type	Description	Dimensions (W x D) in mm	for System type
34-80090	KR-LSFC-64-100	Floor standing base (h = 100 mm)	600 x 400	LSFC-64
34-80175	KR-LSFC-64-200	Floor standing base (h = 200 mm)	600 x 400	LSFC-64
34-80122	KR-LSFC-66-100	Floor standing base (h = 100 mm)	600 x 600	LSFC-66
34-80125	KR-LSFC-66-200	Floor standing base (h = 200 mm)	600 x 600	LSFC-66
34-80091	KR-LSFC-84-100	Floor standing base (h = 100 mm)	800 x 400	LSFC-84
34-80113	KR-LSFC-84-200	Floor standing base (h = 200 mm)	800 x 400	LSFC-84
34-80079	KR-LSFC-85-100	Floor standing base (h = 100 mm)	800 x 500	LSFC-85
34-80075	KR-LSFC-85-200	Floor standing base (h = 200 mm)	800 x 500	LSFC-85
34-80092	KR-LSFC-86-100	Floor standing base (h = 100 mm)	800 x 600	LSFC-86
34-80112	KR-LSFC-86-200	Floor standing base (h = 200 mm)	800 x 600	LSFC-86

Other options and accessories on request

## Dimensions



Dimensional drawing LSFC-P (100 to 500 kvar)

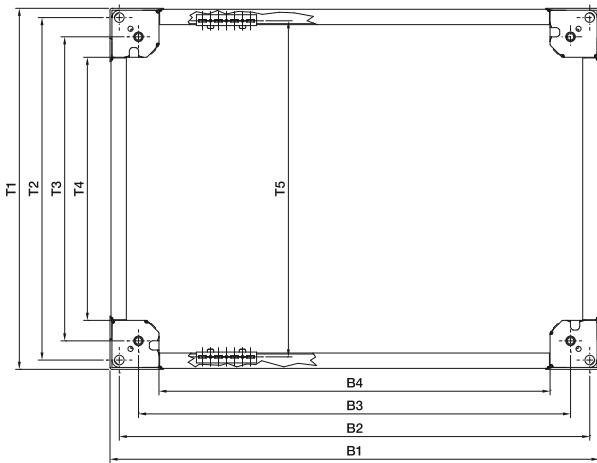
All dimensions in mm



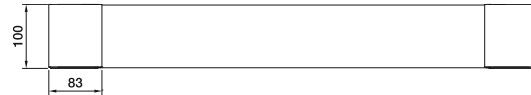
# Power Factor Correction Systems

Power Factor Correction Systems – detuned

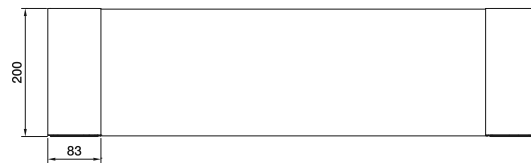
## Base/plinth system VX



Dimensional drawing base/plinth 100 mm high



Dimensional drawing base/plinth 200 mm high



### Description of the hole pattern

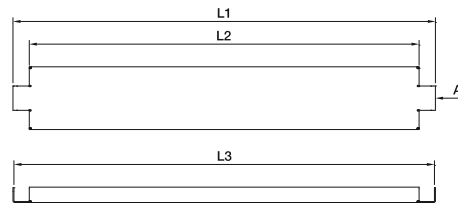
B1/T1 = outer dimensions

B2/T2 = for screwing with the corner piece of the cabinet  
(from below)

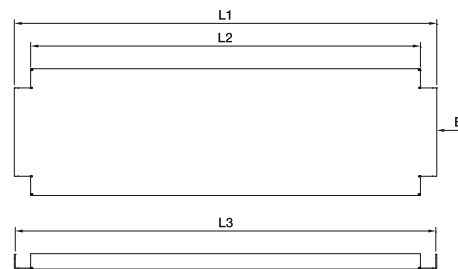
B3/T3 = for screwing to the cabinet bottom with a captive nut  
(from below or above)

For fixing to the floor, drill holes B2-B4/T2-T3 can be used.

Base/plinth trim panels, solid, 100 mm high, front view



Base/plinth trim panels, solid, 200 mm high, front view



For enclosure width or depth mm	Width dimensions mm				Length dimensions mm			Depth dimensions mm				
	B1	B2	B3	B4	L1	L2	L3	T1	T2	T3	T4	T5 <sup>1)</sup>
400	366	335	275	211	260	209	257	364	335	275	211	325
500	466	435	375	311	360	309	357	464	435	375	311	425
600	566	535	475	411	460	409	457	564	535	475	411	525
800	766	735	675	611	660	609	657	764	735	675	611	725

<sup>1)</sup> T5 = Distance between system punchings including base/plinth installation bracket

All dimensions in mm