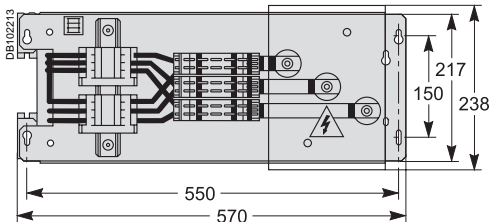
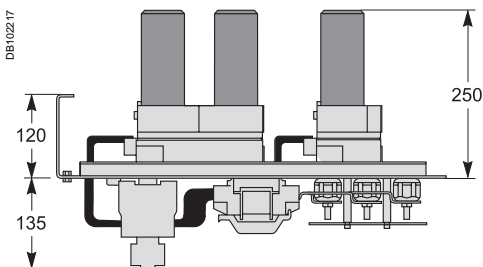


L600 power factor correction modules form a prewired automatic compensation subassembly designed for mounting in universal cubicles. Different types are available according to the level of harmonic pollution



L600 power factor correction module



L600 module dimensions (depth of cubicle: 400 mm)

Standard type capacitors

No polluted network ($Gh/Sn \leq 15\%$)

L600 power factor correction modules					
400/415 V (kvar)		In (A)	Fuse: size	Ref.	Weight (kg)
25	Single	36	T00	51577	10
30	Single	43	T00	51578	11
50	Single	72	T00	51579	16
60	Single	87	T00	51580	17
12.5 + 25	Double	54	T00	51583	13
15 + 15	Double	43	T00	51581	11
15 + 30	Double	65	T00	51584	14
25 + 25	Double	72	T00	51585	20
30 + 30	Double	87	T00	51582	20

Overtaxed type capacitors

Polluted network ($15\% < Gh/Sn \leq 25\%$)

L600 power factor correction modules						
400/415 V (kvar)	470 V (kvar)		In (A)	Fuse: size	Ref.	Weight (kg)
25	34.5	Single	36	T00	51586	14
50	69	Single	72	T00	51587	17
12.5 + 25	17 + 35	Double	54	T00	51588	14
25 + 25	35 + 35	Double	72	T00	51589	18

Overtaxed type capacitors for association with detuned reactor

Highly polluted network ($25\% < Gh/Sn \leq 50\%$)

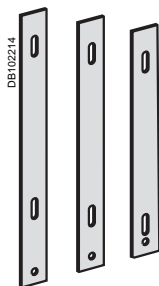
L600 power factor correction modules						
400/415 V (kvar) ⁽²⁾	Reactor (1) Tuning order (kvar)		In (A)	Fuse: size	Ref.	Weight (kg)
25	3.8 (190 Hz) / 4.3 (215 Hz)	Single	36	T00	51591	13.6
50	3.8 (190 Hz) / 4.3 (215 Hz)	Single	72	T00	51592	11.3
12.5 + 25	3.8 (190 Hz) / 4.3 (215 Hz)	Double	54	T00	51593	14.25
25 + 25	3.8 (190 Hz) / 4.3 (215 Hz)	Double	72	T00	51594	17.5
25	2.7 (135 Hz)	Single	36	T00	51595	13.6
50	2.7 (135 Hz)	Single	72	T00	51596	11.3
12.5 + 25	2.7 (135 Hz)	Double	54	T00	51597	14.25
25 + 25	2.7 (135 Hz)	Double	72	T00	51598	17.5

(1) Detuned reactor out of supply.

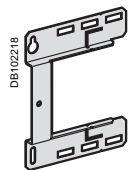
(2) Usefull power when used with detuned reactor.

Technical data

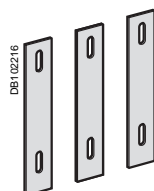
- capacitor rated voltage:
 - standard type: 400/415 V three-phase 50 Hz
 - overrated and HR type: 470 V three-phase 50 Hz
- capacitance value tolerance: -5, +10 %
- insulation level:
 - 0.69 kV
 - withstand 50 Hz, 1 min: 2.5 kV
- maximum permissible current (400 V):
 - standard type: 1.3 In
 - overrated type: 1.5 In
 - HR type: 2.7 (135 Hz): 1.12 In, 3.8 (190 Hz): 1.19 In, 4.3 (215 Hz): 1.31 In
- maximum permissible voltage increase (8 hours over 24 hours as in IEC 60831): 460 V
- ambient temperature around the equipment (electrical room):
 - maximum temperature: 40 °C
 - average temperature over 24 hrs: 35 °C
 - average annual temperature: 25 °C
 - minimum temperature: -5 °C
- losses: 2.5 W/kvar for standard, overrated and HR type
- degree of protection: front-face with direct contact protection
- standards: IEC 60439-1, EN 60439-1.



ref. 51590
Connection pads



ref. 51539
Adaptation kit



ref. 51540
Modular bars

Accessories

	Ref.
Set of 3 modular bars L600	51540
Set of 3 connection pads L600	51590
Adaptation kit L600	51539

Installation

- mounting:
 - in 600 mm wide cubicle
 - in 700 or 800 mm wide cubicle using the adaptation kit
 - in Prisma Plus cubicle W = 650 mm using the installation system specific ref. 03976 (refer to Prisma Plus catalog pages)
- fastened to cubicle columns using fastening cross-members (not supplied)
- vertical distance between modules: 25 mm minimum
- control circuit power supply: 230 V/50 Hz.