

Mosaic™ Programme mechanisms

multi-support single and multiple sockets: German standard



Selection chart for boxes, supports and plates **p. 882-883**

Pack	Cat.Nos	Multi-support single sockets - German standard
		For installation in flush-mounting box, surface-mounting box, floor box, column module, desktop multi-outlet extension, office module and trunking 2 modules
10	0 772 11	2P+E with shutters for child protection
10	0 772 13	○ White - automatic terminals
10	0 772 18	○ White - with special tap-off screw and 4 mm² screw terminals
10	0 792 13	● Red - automatic terminals
10	0 787 02	● Alu - screw terminals
10	0 772 16	○ White antimicrobial - screw terminals
10	0 772 17	● Green antimicrobial - automatic terminals
10	0 772 20	● Orange antimicrobial - automatic terminals
10	0 772 20	● Red antimicrobial - screw terminals
10	0 772 10	2P+E without child protection
10	0 772 10	○ White - screw terminals
10	0 772 45	2P+E angled 45°
10	0 772 45	○ White - automatic terminals
10	0 772 14	2P+E tamperproof
10	0 772 14	● Red - screw terminals To be used with the tamperproof insert Cat.No 0 502 99
1	0 772 31	2P+E "Access Design"
1	0 772 31	Special for disabled persons Simple action on the lever allows easy plug-in or unplug
1	0 772 31	○ White antimicrobial
10	0 772 19	2P+E with cover
10	0 772 19	○ White antimicrobial - automatic terminals
10	0 772 12	2P+E with indicator
10	0 772 12	○ White antimicrobial - automatic terminals Indicator 230 V - 2.4 mA supplied

Pack	Cat.Nos	Multi-support multiple sockets - German standard
		For installation in flush-mounting box, surface-mounting box, floor box, column module, desktop multi-outlet extension and office module Inclined 45° Connection by automatic terminals
10	0 772 52	2 x 2P+E
10	0 772 90	○ White
10	0 792 82	○ White - with indicator 230 V - 2.4 mA (supplied)
10	0 772 72	● Alu
10	0 772 91	● Red
10	0 772 81	● Red - with indicator 230 V - 2.4 mA (supplied)
10	0 772 92	● Red - tamperproof. To be used with tamperproof insert Cat.No 0 502 99
10	0 772 92	● Red - tamperproof, with indicator 230 V - 2.4 mA (supplied). To be used with tamperproof insert Cat.No 0 502 99
10	0 772 53	3 x 2P+E
10	0 792 83	○ White
10	0 772 82	● Alu
10	0 772 73	● Red
10	0 772 73	● Red - tamperproof. To be used with tamperproof insert Cat.No 0 502 99
10	0 772 54	4 x 2P+E
10	0 772 83	○ White
10	0 772 74	● Red
10	0 772 74	● Red - tamperproof. To be used with tamperproof insert Cat.No 0 502 99
10	0 502 99	Tamperproof insert
10	0 502 99	● Tamperproof insert for socket Fits directly into the plug

Mosaic™ Programme mechanisms

international standards socket outlets



0 775 02



0 775 04



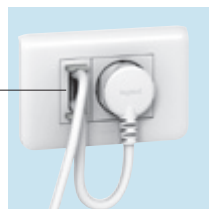
0 775 05



0 775 06



0 770 80



Selection chart for boxes, supports and plates p. 882-883

Pack	Cat.Nos	Other standard socket outlets
10	0 775 01	Euro-US standard - white 1 module
10	0 775 02	2 modules
10	0 775 03	US standard - white 1 module
10	0 775 04	2 modules - 15 A
10	0 775 05	British standard - white 2 modules - 13 A
10	0 775 10	Italian type - white 1 module - 10 A - screw terminals
10	0 775 11	1 module - 10/16 A - screw terminals
10	0 775 12	1 module - 16 A - screw terminals
10	0 775 06	Swiss type - white 2 modules - type 13
10	0 775 08	Danish standard - white 2 modules - with shutters for child protection
10	0 775 09	2 modules - for UPS - with shutters for child protection

Pack	Cat.Nos	2P ELV socket outlet
10	0 771 50	With shutters for child protection For installation in flush-mounting box, surface-mounting box, floor box, column module, desktop multi-outlet extension, office module and trunking 1 module - white antimicrobial

Pack	Cat.Nos	Anti-extraction module
1	0 770 80	When used with a socket, avoids accidental unplugging of sensitive electrical equipment, by gripping the cord (Ø4 to 8 mm cords) Can withstand an extraction force of 350 N (35 kgs) 1 module - white antimicrobial

Mosaic™ Programme mechanisms

USB sockets for charging

NEW



0 775 94



0 775 91



0 793 93



Selection chart for supports and plates p. 882-883

Average charging time for devices equipped with lithium-ion polymer batteries:

- 80% charged < 2h

- 100% charged < 4h

No specific constraint: no need to wait for the battery to be flat before charging it, or to have it fully charged before use

Pack	Cat.Nos	USB power supplies
		For recharging portable devices Conform to IEC 62684-2011-01 Consumption in passive mode < 0.3 W 2P+E tap-off connection via 2.5 mm² screw terminals Supplied cordless
5	0 775 94	Double USB sockets - 5V- 1500 mA For telephones, smartphones, MP3/MP4 players and fast-charging tablet PC 2 modules
1	0 793 94	○ White ● Alu
10	0 775 91	Single USB sockets - 5V - 750 mA For telephones and smartphones 1 module
1	0 793 91	○ White ● Alu

Pack	Cat.Nos	USB power supplies with retractable cord
		For recharging portable devices such as telephones and smartphones Single socket 5 V - 750 mA equipped with a retractable cord with micro USB connector Conform to IEC 62684-2011-01 Consumption in passive mode < 0.3 W 2P+E tap-off connection via 2.5 mm² screw terminals Cord length : 0.32 m
10	0 775 93	○ White
10	0 793 93	● Alu

Pack	Cat.Nos	Support for portable device on charge
1	0 803 99	Prevents device from any fall risk and allows secure use of device while charging Wall-mounting Fixing tools supplied For 1 portable device Supplied with a mobile retractable cord

Mosaic™ Programme mechanisms

switches, pull-cord switches and ventilation control



0 792 01



0 792 11



0 770 02



0 792 12



0 770 14



Selection chart for boxes, supports and plates **p. 882-883**

All two-way switches with indicator have a terminal for neutral connection and have to be equipped with an indicator

One-way switches 10 AX - 250 V~

Pack	Cat.Nos	
10	0 770 01	Fast connection via automatic terminals, no tool required 1 module ○ White
10	0 770 10	2 modules ○ White

Two-way switches 10 AX - 250 V~

10	0 770 01	Fast connection via automatic terminals, no tool required 1 module ○ White
10	0 792 01	● Alu
10	0 787 10	○ White antimicrobial
10	0 770 11	2 modules ○ White
10	0 792 11	● Alu
10	0 787 11	○ White antimicrobial
10	0 770 02	1 module with LED indicator ○ White
10	0 792 02	● Alu
10	0 770 12	2 modules with LED indicator ○ White
10	0 792 12	● Alu
10	0 787 12	○ White antimicrobial
10	0 770 21	2 modules intermediate switch ○ White
10	0 792 21	● Alu

Two-way switches 16 AX - 250 V~

10	0 770 91	Screw terminals 1 module White finish cover plate
10	0 770 93	White finish cover plate with LED indicator
10	0 770 92	2 modules White finish cover plate
10	0 770 94	White finish cover plate with LED indicator

Two-way switches 20 AX - 250 V~

10	0 770 60	Screw terminals 1 module ○ White
10	0 770 62	1 module with LED indicator ○ White
10	0 770 63	2 modules - 2-pole ○ White
10	0 770 64	2 modules - 2-pole with LED indicator ○ White

2-pole one-way switches

10	0 770 50	2 modules ○ White
10	0 770 52	2 modules with LED indicator ○ White

Pull-cord switches

1	0 770 14	Fast connection via automatic terminals, no tool required Two-way switch, 10 AX - 2 modules For controlling 230 V~ incandescent and halogen lamps up to 2300 W ○ White
1	0 770 44	Two-way pushbutton - 6 A, with pull cord 2 modules ○ White
10	0 898 05	Cord for pull mechanism Length 1.5 m

Ventilation control

1	0 770 27	Fast connection via automatic terminals, no tool required Two-way switch For direct control of controlled mechanical ventilation 10 AX - 250 V~ ○ White antimicrobial
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Mosaic™ Programme socket outlets

Mosaic socket outlet Cat.No 0 774 02 with 4 modules support
Mosaic RJ 45 socket outlet with 2 modules support Cat.No 0 109 54



Mosaic socket outlet Cat.No 0 774 03 with 6 modules support
Mosaic socket outlet Cat.No 0 774 23 with 4 modules support



Mosaic 2 x 4 modules support Cat.No 0 109 54 for cover width 65 mm

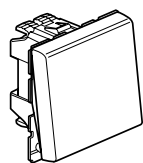


Pack	Cat.Nos		Sockets for installation on DLP trunking		
			Mosaic sockets with shutters with connection at both sides for mounting on 65 and 85 mm cover DLP trunking in conjunction with supports and plates for trunking (see p. 804-805) Direct connection requiring no tools, intuitive disconnection without dismantling the support		
	Standard	Tamperproof	Automatic terminals - German standard		
10	0 774 01	0 774 21			2P+E
10	0 774 02	0 774 22			2 x 2P+E
10	0 774 03	0 774 23			3 x 2P+E
5	0 774 04	0 774 24			4 x 2P+E
					
10	Red 0 774 11				2P+E
10	0 774 12				2 x 2P+E
10	0 774 13				3 x 2P+E
5	0 774 14				4 x 2P+E

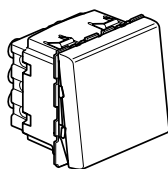
Pack	Cat.Nos		Sockets for installation on DLP trunking (continued)		
			Screw terminals - German standard		
10	Standard 0 776 01	Tamperproof 0 776 21			2P+E
10	0 776 02	0 776 22			2 x 2P+E
10	0 776 03	0 776 23			3 x 2P+E
5	0 776 04	0 776 24			4 x 2P+E
					
10	Red 0 776 11				2P+E
10	0 776 12				2 x 2P+E
10	0 776 13				3 x 2P+E
5	0 776 14				4 x 2P+E
10	0 502 99			Tamperproof insert for socket Fits directly into the plug	

Mosaic™ 10 AX switches

Cat. Nos.: 770 00/01/02/10/11/12/14/21/27
792 01/02/11/12/21



770 11



770 21 - 792 21



770 27

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1. USE

General lighting control mechanisms with or without signalling components (indicator light).

2. RANGE

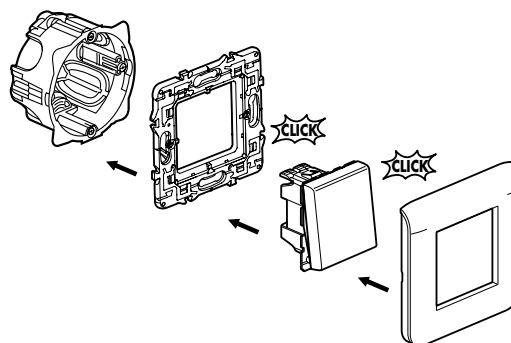
	Designation	Cat. No.	No. of modules	Connection method	Weight (g)	Characteristics
	Switch 10 AX	770 00*	1	automatic	17.00	10 AX 250 V~
	10 AX two-way switch	770 01			17.60	
	10 AX two-way switch, with indicator light	770 02	1	automatic.	18.79	10 AX 250 V~
	Switch 10 AX	770 10*	2	automatic	20.00	10 AX 250 V~
	10 AX two-way switch	770 11			21.81	
	10 AX two-way switch with indicator light	770 12	2	automatic	23.00	10 AX 250 V~
	10 AX two-way switch with aluminium cover plate	792 01	1	automatic	17.60	10 AX 250 V~
	10 AX two-way switch with indicator light and aluminium cover plate	792 02	1	automatic	18.79	10 AX 250 V~
	10 AX two-way switch with aluminium cover plate	792 11	2	automatic	21.81	10 AX 250 V~
	10 AX two-way switch with indicator light and aluminium cover plate	792 12	2	automatic	23.00	10 AX 250 V~
	10 AX two-way switch with CMV control	770 27	2	automatic	21.81	10 AX 250 V~
	10 AX two-way switch with pull cord	770 14	2	automatic	26.74	10 AX 250 V~
	10 AX intermediate switch	770 21	2	with screws	42.00	10 AX 250 V~
	10 AX intermediate switch with aluminium cover plate	792 21	2	with screws	42.00	10 AX 250 V~

*Only 2 terminals

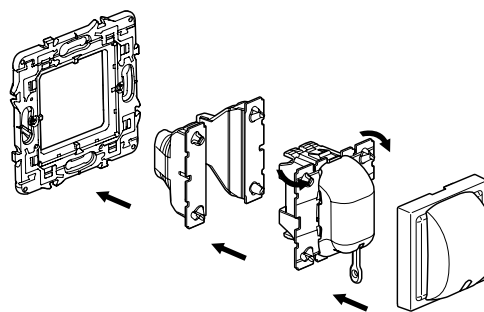
3. PREPARATION

Modular mounting of the mechanisms using adapter Cat. No. 802 99 (2 modules). The mechanisms are mounted on thin walls using adapters Cat. No. 802 90 (1 module), Cat. No. 802 91 (2 modules), Cat. No. 802 92 (2 x 1 vertical module). The mechanisms can be flush-mounted or surface-mounted.

3.1 General preparation



3.2 Preparation of indicator light for Cat. No. 770 14



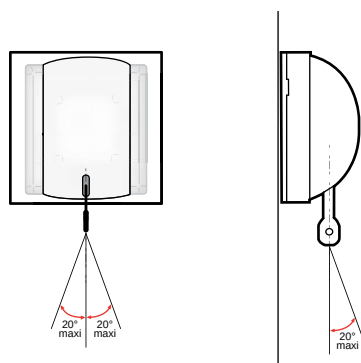
- 1 - Break the tabs
- 2 - Insert the mechanism on the indicator light
- 3 - Clip the whole into the support
- 4 - Position the cover.

Mosaic™ 10 AX switches

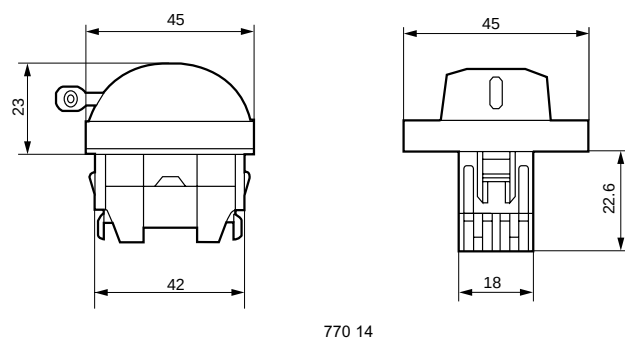
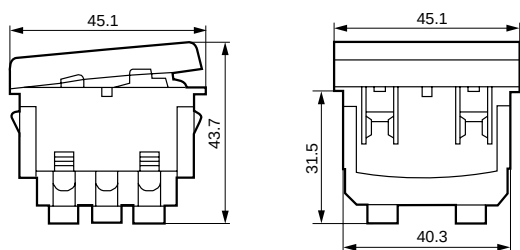
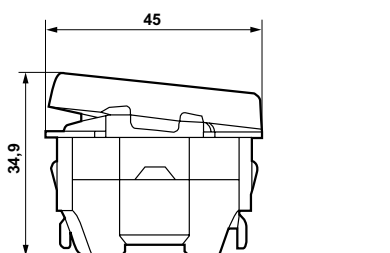
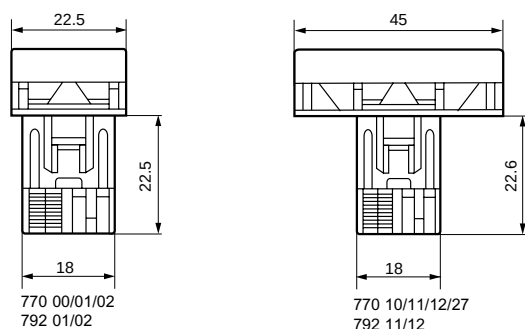
Cat. Nos.: 770 00/01/02/10/11/12/14/21/27
792 01/02/11/12/21

3. PREPARATION (continued)

3.3 Precaution for use for Cat. No. 770 14



4. OVERALL DIMENSIONS



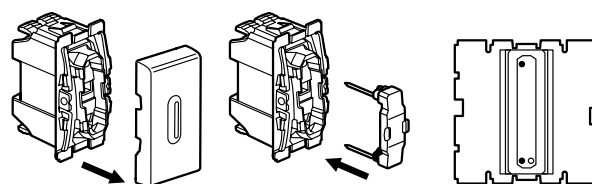
5. CONNECTION

	Terminals	Capacity	Stripping	Screwdriver
770 00 770 01 770 02 770 10 770 11 770 12 792 01 792 02 792 11 792 12 770 27 770 14	automatic	2 x 2.5 mm²	Stripping guide 13 mm	
770 21 792 21	with screws	2 x 2.5 mm²	Stripping guide 10 mm	Philips 1 Posidrive 1 Flat-blade 4 mm

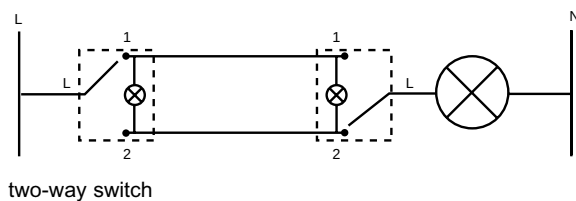
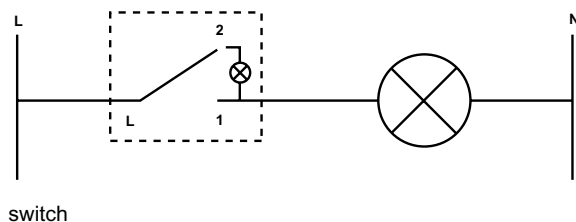
5.1 Wiring

Cat. Nos.: 770 02/12 792 02/12

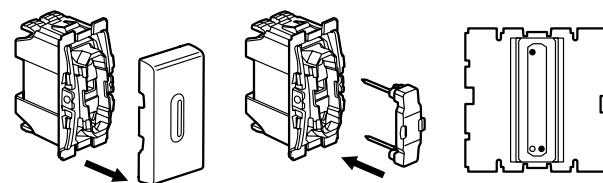
Illuminated function: Illuminates the switch in the dark.



- 1 - Unclip the rocker
- 2 - Insert the indicator light Cat. No. 676 66 or the indicator light Cat. 676 67



Indicator function: The lamp is switched on when the lighting is on.

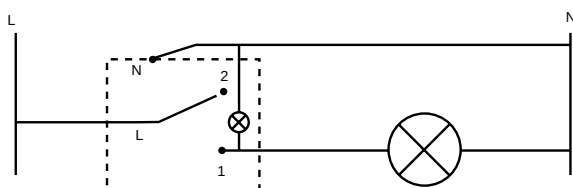


- 1 - Unclip the rocker
- 2 - Insert the indicator light Cat. No. 676 68

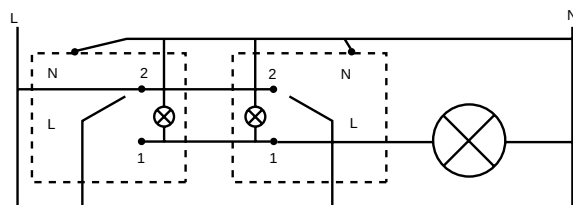
Mosaic™ 10 AX switches

Cat. Nos.: 770 00/01/02/10/11/12/14/21/27
792 01/02/11/12/21

5. CONNECTION (continued)



switch



two-way switch

Cat. Nos. 770 14

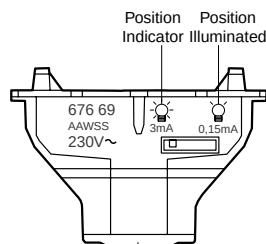
Indicator function or illuminated function, use the indicator light

Cat. No. 676 69

12 - 24 V, indicator light Cat. No. 667 61, d.c.: 0.2 mA; a.c.: 0.4 mA.

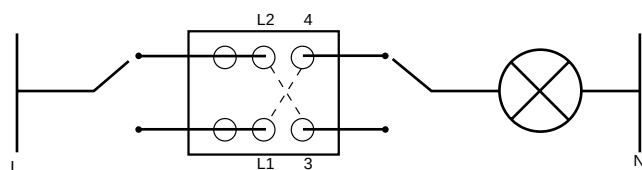
24 - 48 V, indicator light Cat. No. 667 62, d.c.: 0.9 mA; a.c.: 1.2 mA.

230 V, indicator light Cat. No. 667 69 a.c.: 0.15 to 3 mA.



connection via 2 automatic terminals
without release keys

Cat. Nos. 770 21 - 792 21



6. OPERATION

Switching mechanism (handling force 2.6 to 3.5 N):

Cat. Nos 770 00/01/02/10/11/12/21 792 02/11/12

Pull-cord mechanism (handling force 3 to 5 N) : Cat. No. 770 14

7. TECHNICAL CHARACTERISTICS

7.1 Mechanical characteristics

Impact tests: IK04

Protection against liquids: IP31 (C15100)

7.2 Material characteristics

Rocker: ABS (RAL 9003)

Base: Polycarbonate

Rocker support: Polycarbonate

7.3 Electrical characteristics

Self-extinguishing: 650° C / 30 s

Voltage: 250 V

Current: 10 AX

7.4 Climatic characteristics

Storage temperatures: - 10° C to + 70° C

Operating temperatures: - 5° C to + 50° C

8. CLEANING

Surface cleaning with a cloth.

Do not use: acetone, tar remover, trichloroethylene.

8.1 Resistance to cleaning agents

Resistance to the following agents: Hexane (EN 60669-1), methylated spirits, soapy water, diluted ammonia, pure bleach diluted 10%, glass cleaning substance, pre-impregnated wipes.

8.2 Resistance to hospital-type cleaning agents

Resistance to the following agents: Anios, Surfanios, Bactylsine, Diluted hydrogen peroxide (35%).

Caution: A preliminary test should be carried out if other specific cleaning products are to be used.

9. ACCESSORIES

Lights for switches with indicator light

Switches	Illuminated	Indicator
770 02 770 12 792 02 792 12	676 66 (230 V) 676 67 (12-24-48 V)	676 68 (230 V)
	676 69 (230 V / 0,15mA)	676 69 (230 V / 0.3 mA)
770 14	676 61 (12/24 V) 676 62 (24/48 V)	

Cord for two-way pull-cord switch

770 14	898 05 Cordon 1.5 m
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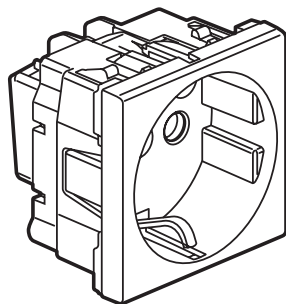
10. CONFORMITY - APPROVALS

Approvals in process:

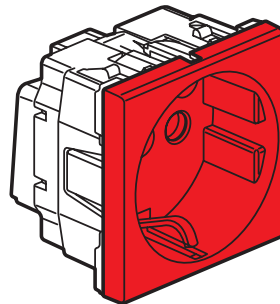
NF - CEBEC - BBJ - EZU - VDE - OVE - AENOR - KEMA - MEEI - GOST - TSE.

Mosaic™ Socket outlets to Schuko standard

Cat. No(s): 0 772 13/14/18/45 - 0 792 13



0 772 13



0 772 14

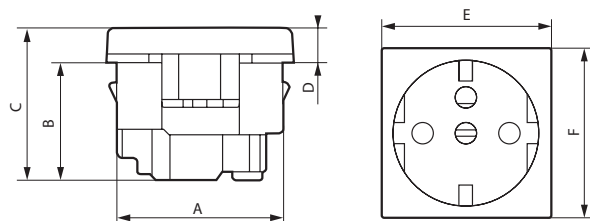
1. USE

Socket outlet 16 A - 250 V~ to Schuko standard.

2. RANGE

	Designation	Cat. No.	Finishes	Nbr of modules	Connection method
	Socket 2P+E special 4 mm² and tapping	0 772 13	White	2	with screws
		0 792 13	Aluminium		
	Socket 2P+E Tamperproof	0 772 14	Red	2	with screws
		0 772 18			automatic
	Prise 2P+T 45° inclined	0 772 45	White	2	automatic

4.OVERALL DIMENSIONS



A	B	C	D	E	F
40.3	31.5	40	8.5	45	45

5. CONNECTION

Connection method	with screws	automatic
Capacity	2 x 4 mm²	2 x 2.5 mm²
Stripping length	10 mm	13 mm

Type of screwdriver to use: Flat-blade 4 mm

6. TECHNICAL CHARACTERISTICS

■ 6.1 Mechanical characteristics

Impact tests: IK 04

Protection against solid bodies / liquids: IP 20

■ 6.2 Material characteristics

Base: Polycarbonate

Cover plate: Polycarbonate

■ 6.3 Climatic characteristics

Self-extinguishing: 650° C / 30 s

Storage temperatures: - 10° C to + 70° C

Operating temperatures: - 5° C to + 50° C

7. CLEANING

Surface cleaning with a cloth.

Do not use: acetone, tar remover, trichloroethylene.

■ 7.1 Resistance to cleaning agents

Resistance to the following agents: Hexane (EN 60669-1), Methylated spirits, Soapy water, Diluted ammonia, Diluted pure bleach 10%, Glass cleaning substance, Pre-impregnated wipes.

■ 7.2 Resistance to hospital-type cleaning agents

Resistance to the following agents: Anios, Surfanios, Bactylsine, Diluted hydrogen peroxide (35%).

Caution: A preliminary test should be carried out if other specific cleaning products are to be used.

8. ACCESSORIES

Tamperproof insert Cat. No. 0 502 99 for tamperproof socket outlet Cat. No. 0 772 14.