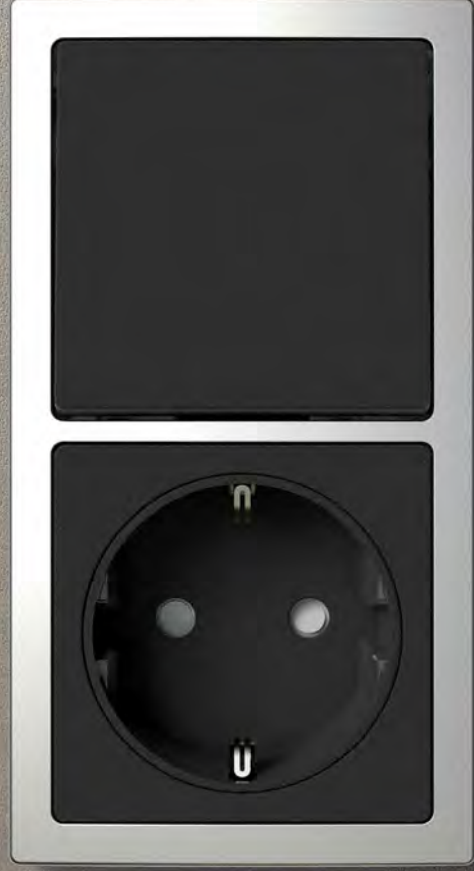


... | FURNITURE | OFFICE | BATHROOM | CARAVAN | ...

value.
for.
money.



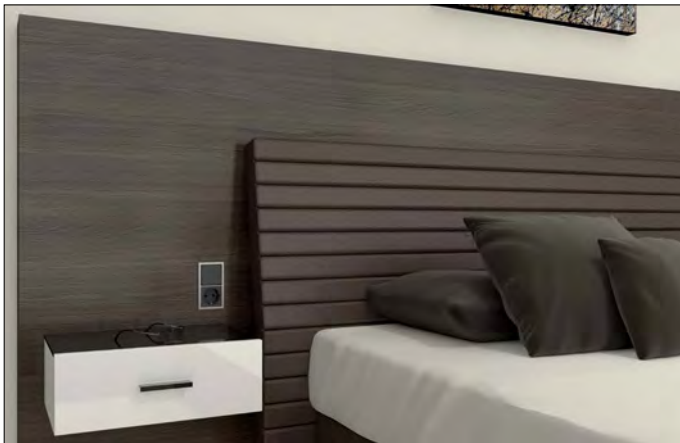
BUILT-IN PROGRAMS



system 10.0000 & system 20.0000

SWITCHES AND SOCKETS

- CARAVANS AND VEHICLES
- BOAT AND SHIP FURNISHING
- EXHIBITION AND SHOPFITTING
- LABORATORY EQUIPMENT
- OFFICE AND WORKPLACE DESIGN



CONTENT

FOR SYSTEM 10.000 AND SYSTEM 20.000	
SWITCHES PUSHBUTTONS	4
DIMMERS	7
SYSTEM 10.000	8
FRAMES	10
ROCKERS	11
SOCKETS	12
UPGRADE SUPPLEMENT	16
SYSTEM 20.000	17
FRAMES	20
ROCKERS	21
SOCKETS	22
IP44 SPLASH PROOF	27
INSULATION BOXES	28
SNAP-IN SOCKETS	32
VP	35
for use in profile rails	
MEDIA JACKS KEYSTONE	39
MULTIMEDIA	44
ASSEMBLED COMBINATIONS	46
TECHNICAL ANNEX	48
INDEX	55

SWITCHES

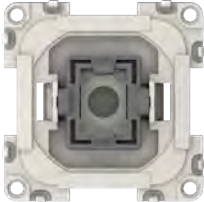
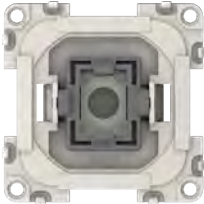
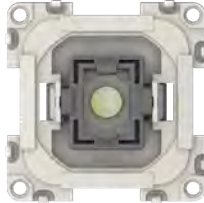
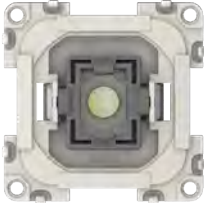
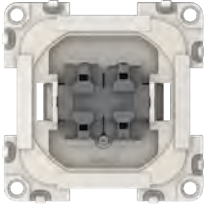
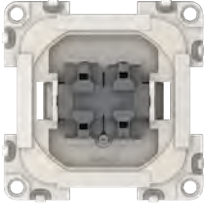
250 V ~ | 10 OR 16 A

ACCORDING TO DIN EN 60669-1 | VDE 0632-1

for
system 1  
system 2  



The high inrush currents must be observed when connecting energy saving lamps and electronic ballasts (EVG).
Check the suitability of the equipment before use.
If necessary, use a switching current limiter.

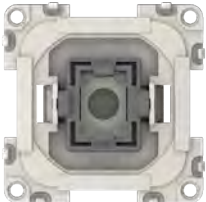
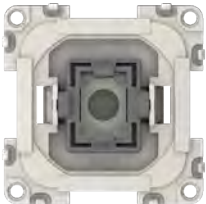
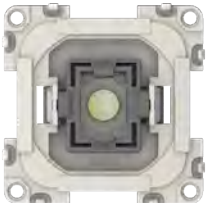
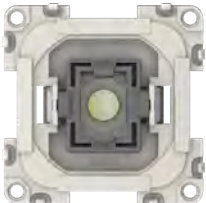
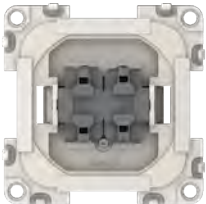
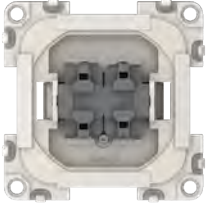
		installation depth (mm)	⊕ SR	ITEM NO.	VPE
	off-switch 1-way 1-pole	11	⊕	20710/1	20/400
		25	⊕	20705/1	10/200
	universal changeover switch, 2-way 10AX	11	⊕	20710/6	20/400
		25	⊕	20705/6	10/200
	for rocker 10000 20000 ...				
	off-switch 2-pole for coded rocker	25	⊕	20705/2	10/200
	for rocker 0 1 coded 10002 20002 ...				
	off-switch with control light 230 V LED (yellow) 1-pole	25	⊕	20196/1 230V LED	10/200
	control switch, changeover 2-way, 1-pole 230 V LED (yellow)	25	⊕	20196/6 230V LED	10/200
	N-terminal 10AX				
	for rocker with lens 10000 K 20000 K ...				
	off-switch with control light 230 V LED (yellow) 2-pole 16AX	25	⊕	20196/2 230V LED	10/200
	for coded rocker				
	for rocker with lens 0 1 coded 10002 K 20002 K ...				
	series switch 2x switch 1-pole 10AX	11	⊕	20710/5	20/400
		25	⊕	20705/5	10/200
	for series switch rocker 10005 20005 ...				
	double switch 2x off-switch 2 current paths 10AX	25	⊕	20705/4	10/200
	for series switch rocker 10005 20005 ...				

⊕ SR = screw terminal

PUSHBUTTONS

250 V ~ | 10 A

ACC. TO DIN EN 60669-1 | VDE 0632-2

	installation depth (mm)	⊕ SR	ITEM NO.	VPE	
pushbutton NO 1-pole	11	⊕	20510	20/400	
for rocker 10000 20000 ...					
pushbutton NO 1-pole LED upgradeable	25	⊕	20520	10/200	
pushbutton 2x shutter 2-pole LED not upgradeable 10A	25	⊕	20520/2	10/200	
for rocker 10000 20000... with lens 10000 K 20000 K ...					
pushbutton permanent light 230 V LED (yellow) 1-pole	25	⊕	20520 GL 230 V LED	10/200	
for rocker with lens 10000 K 20000 K ...					
pushbutton control light 230 V LED (yellow) NO 1-pole N terminal	25	⊕	20520 K 230 V LED	10/200	
for rocker with lens 10000 K 20000 K ...					
series pushbutton 2x NO 1-pole	11	⊕	20510 D	20/400	
double pushbutton 2x NO, 2 current paths 10AX	25	⊕	20520 D	10/200	
for series switch rocker 10005 20005 ...					
shutter pushbutton 1-pole electrically interlocked	25	⊕	20328/1D	10/200	
for series switch rocker with print 10005 J 20005 J ...					
LED E10 replacement part yellow 230V (40001151) 12V (40001150)					

SWITCHES | PUSHBUTTONS

12 V ~/== | 10 A



off-switch with control light | 12 V LED (yellow) | 1-pole
control switch 2-way, 1-pole | 230 V LED (yellow) | N-terminal

for rocker with lens 10000 K | 20000 K ...



off-switch with indicator light | 12 V LED (yellow) | 2-pole

for coded rocker with lens 10002 K | 20002 K ...

pushbutton permanent light | 12 V LED (yellow) | NO | 1-pole

pushbutton control light | 12 V LED (yellow) | NO | 1-pole | N-terminal

for rocker with lens 10000 K | 20000 K ...

		installation depth (mm)	SR	item no.	VPE
		25	⊕	20196/1 12 V LED	10/200
		25	⊕	20196/6 12 V LED	10/200
		25	⊕	20196/2 12 V LED	10/200
		25	⊕	20520 GL 12 V LED	10/200
		25	⊕	20520 K 12 V LED	10/200

FOURFOLD PUSHBUTTON SWITCH



shortstroke pushbutton | 4 x NO

pushbutton SMD | max. 12 V, 50 mA

connection terminal multipoint connector Lumberg MICS06 (6-pole)

surface high gloss

connection terminal for RAST 2,5 plug-in connector (5-pole)

with coded interface

satin-finished or high gloss (...HG...)

		installation depth (mm)	item no.	W white	SCH black	SGR slate grey	VPE
		20	10420412VHG...	●	●	●	20/400
		20	30420 12V ...	●	●	●	20/400

SHORTSTROKE PUSHBUTTONS

12 V == | 20 A



rocker system 10.000

customised print available

satin-finished or high gloss (...HG...)

for shortstroke pushbutton 2147 TS | 2148 TS | 2149 TS

W or SGR upon request



rocker system 20.000

customised print available

satin-finished surfaces

for shortstroke pushbutton 2147 TS | 2148 TS | 2149 TS



shortstroke pushbutton | mid position

4x flat contacts 4,8 x 0,8 mm

5x flat contacts 4,8 x 0,8 mm

6x flat contacts 4,8 x 0,8 mm

suitable rocker 30000 TS | 20000 TS ...

		installation depth (mm)	item no.	W white	SCH black	SGR slate grey	VPE
		-	30000 TS...	●	●	●	20/900
		-	20000 TS ...	●	●	●	20/900
		15	2147 TS ...	●	●	●	20/400
		15	2148 TS ...	●	●	●	20/400
		15	2149 TS ...	●	●	●	20/400

⊕ SR = screw terminal

DIMMERS | LED-DIMMERS

	installation depth (mm)	item no.	white W	black SCH	VPE	
trailing edge dimmer for electronic transformers incandescent lamps high voltage halogen lamps connected load 20 - 200 W supply voltage 230V / 50Hz with electronic overload and bypass protection with toggle pressure switch	32	10055/200			1	 not suitable for insulation boxes
leading edge dimmer for magnetic transformers incandescent lamps high voltage halogen lamps connected load 20 - 350 W/VA supply voltage 230V / 50Hz with toggle pressure switch adjustable minimum brightness with thermal fuse	32	10055/350			1	
leading edge dimmer for incandescent lamps high voltage halogen lamps connected load 25 - 100 W supply voltage 230V / 50Hz	33	10050/100			1	
leading edge dimmer for dimmable LED connected load 3-35 W supply voltage 230V / 50Hz for magnetic transformers incandescent lamps high voltage halogen lamps connected load 7 - 110 W/VA supply voltage 230V / 50Hz metal shaft with fine lock-in position	33	10050/35 LED			1	
LED dimmer for 12V DC DC dimmer with pulse width modulation for LED incandescent lamps halogen lamps connected load 0 - 30 W	33	10058/30 LED			1	
connected load 0 - 70 W	33	10058/70 LED				
electronic potentiometer used for dimming of electronic ballasts 1-12 V DC control voltage, 40mA control current with on/off pressure switch, 10A for max. 4 el. ballasts 230 V / 50 Hz directly switchable	33	10050/10			1	suitable for insulation box D45ZR
cover for dimmer system 10.000 consisting of cover plate and rotary knob	-	10050 ...	●	●	10/150	
adapter frame integration into the System 20.000	-	20048 ...	●	●	20/900	

further colours MOQ upon request

system 10.000

SMALL ... SMALLER ... SMALLEST !

Maximum convenience in the smallest of packages – in a variety that's virtually unmatched on the market. In short, a full range of compact electrical installation products to provide power and signals where they're needed.

With our components, you get a complete system of sockets and switches in a compact design. Here compact means outside dimensions (including frame) of only 60 x 60 mm for each element, with a gauge of only 53 mm.

System 10.000 is one of Europe's leading product lines for interior fittings in caravans, ships and boats; home, office and bathroom furniture; fittings for trade fair booths and shops; laboratory fixtures and equipment; and office and workplace design.

We offer an extraordinarily wide range of colours, structures and surfaces for harmonious integration into rooms, furniture, vehicles and other settings. Our selection of standard colours (white, grey, brown and black) is augmented by metallised designs with matt and high-gloss finishes, and of course we can fulfil customer requests for special colours.

COLOURS | SURFACES | MATERIALS



WHITE STRUCTURED similar to RAL 9010	W	BLACK STRUCTURED similar to RAL 9005	SCH	SLATE GREY STRUCTURED similar to RAL 7016	SGR	GREY STRUCTURED similar to RAL 7035	G	AGATE GREY STRUCTURED similar to RAL 7038	ACG	BROWN STRUCTURED similar to RAL 8016	BR
--	---	--	-----	---	-----	---	---	---	-----	--	----

GALVANISED SURFACES



CHROME MATT FINISH STRUCTURED	SMS	CHROME MATT FINISH SMOOTH	GMS	CHROME HIGH GLOSS SMOOTH	GHS
-------------------------------------	-----	---------------------------------	-----	--------------------------------	-----



GOLD HIGH GLOSS SMOOTH	GHG
------------------------------	-----

HOW TO USE



DEGREE OF PROTECTION IP20

EXAMPLE APPLICATION SYSTEM 10.000



In case of installation in flammable surfaces
the usage of insulation boxes is strictly necessary.
Our systems are not suitable for flush mounting.

FRAMES

FOR HORIZONTAL AND VERTICAL INSTALLATION



SYSTEM 10.000

SOFTLINE

		white	black	slate grey	grey	agate grey	brown	chrome matt	chrome matt	chrome high-gloss	
		STRUCTURED					SMOOTH				
	item no.	W	SCH	SGR	G	ACG	BR	SMS	GMS	GHS	VPE
combination frame System 10.000											
single 60x60mm	10071 ...	●	●	●	●		●	●	●	●	30/900
double 60x113mm	10072 ...	●	●	●	●		●	●	●	●	10/300
triple 60x166mm	10073 ...	●	●	●	●		●	●	●	●	10/100
combination frame Softline											
single 60x64mm	10171 ...	●	●	●	●		●	●	●	●	30/900
double 60x117mm	10172 ...	●	●	●	●		●	●	●	●	10/300
triple 60x170mm	10173 ...	●	●	●	●		●	●	●	●	10/100

all frames
upon request
available in
white & black
high gloss

10

special colours MOQ upon request

ROCKERS FOR SWITCHES | PUSHBUTTONS

	item no.	white	black	slate grey	grey	agate grey	brown	chrome matt	chrome matt	chrome high-gloss	VPE	
		W	SCH	SGR	G	ACG	BR	SMS	GMS	GHS		
rocker	10000 ...	●	●	●	●		●	●	●	●	20/900	
for switches universal switches pushbuttons												
rocker printed 0 1 coded	10002 ...	●	●		●		●				20/900	
for switch 2-pole 20705/2												
rocker with yellow lens for control light without print	10000 K ...	●	●		●		●	●			20/900	
for switches universal switches and pushbutton switched with LED												
rocker with yellow lens for control light printed 0 1 coded	10002 K ...	●	●	●	●		●				20/900	
rocker with yellow lens for control light without print coded	10002 K OA ...	●	●		●		●				20/900	
for switch 2-pole 20196/2 with LED												
series switch rocker	10005 ...	●	●	●	●		●	●	●	●	20/900	
for serial switch double switch series pushbutton												
series switch rocker printed	10005 J ...	●	●	●	●		●	●	●		20/900	
for shutter switch 20328/1D												
special colours MOQ upon request												

SOCKETS 250 V ~ | 16 A ACCORDING TO DIN VDE 0620-1

250 V ~ 10 A

ACCORDING TO DIN VDE 0620-1

		installation depth (mm)	child protection	SL	SR	item no.	white	black	slate grey	grey	agate grey	brown	chrome matt	chrome matt	chrome high-gloss	VPE
							W	SCH	SGR	G	ACG	BR	SMS	GMS	GHS	
							STRUCTURED						SMOOTH			
	SCHUKO full plate	31		⊕		10020 ...	●	●		●		●				10/200
		32		⊕		10020 SR ...	●	●		●		●				10/200
		32		■		10020 SL ...	●	●		●		●				10/200
	SCHUKO full plate with child protection (shutter)	32	Ⓚ	⊕		10020 K SR ...	●	●		●		●				10/200
		32	Ⓚ	■		10020 K SL ...	●	●		●		●				10/200
	SCHUKO	31		⊕		10020 35 ...	●	●	●	●		●	●	●	●	10/200
		32		⊕		10020 35 SR ...	●	●	●	●		●	●	●	●	10/200
		32		■		10020 35 SL ...	●	●	●	●		●	●	●	●	10/200
		31		■		10020 35 ASL ...	●	●	●	●		●	●	●	●	10/200
	SCHUKO with hinged cover	31		⊕		10020 35 KLF ...	●	●	●	●		●	●	●	●	10/200
		32		⊕		10020 35 SR KLF ...	●	●	●	●		●	●	●	●	10/200
		32		■		10020 35 SL KLF ...	●	●	●	●		●	●	●	●	10/200
	SCHUKO with child protection (shutter)	32	Ⓚ	⊕		10020 K 35 ...	●	●	●	●		●	●	●	●	10/200
		32	Ⓚ	⊕		10020 K 35 SR ...	●	●	●	●		●	●	●	●	10/200
		32	Ⓚ	■		10020 K 35 SL ...	●	●	●	●		●	●	●	●	10/200
	SCHUKO with child protection (shutter) and hinged cover	32	Ⓚ	⊕		10020 K 35 KLF ...	●	●	●	●		●	●	●	●	10/200
		32	Ⓚ	⊕		10020 K 35 SR KLF ...	●	●	●	●		●	●	●	●	10/200
		32	Ⓚ	■		10020 K 35 SL KLF ...	●	●	●	●		●	●	●	●	10/200
	SCHUKO socket 45°	31		⊕		10020-45 ...	●	●								10/200

INTERNATIONAL SOCKETS WITH EARTH PIN 250 V ~ | 16 A

REAR VIEW

SCREW TERMINALS | SR



10020
10020 (K) 35
10020 F 35
10020 K BE 35



10020 (K) SR
10020 (K) 35 SR
10020 (K) BE 35 SR

PLUG IN TERMINALS | SL



10020 (K) SL
10020 (K) 35 SL
10020 (K) BE 35 SL



10020 35 ASL

	installation depth (mm)	child protection (shutter)	SL ⊕ SR	item no.	white	black	slate grey	grey	agate grey	brown	chrome matt	chrome matt	chrome high-gloss	VPE
					STRUCTURED						SMOOTH			
					W	SCH	SGR	G	ACG	BR	SMS	GMS	GHS	
Export socket with earth pin	28	⊕		10020 F 35 ...	●	●	●	●		●	●	●	●	10/200
	29	⊕		10020 BE 35 SR ...	●	●	●	●		●	●	●	●	10/200
	29	■		10020 BE 35 SL ...	●	●	●	●		●	●	●	●	10/200
Export socket with earth pin with hinged cover	28	⊕		10020 F 35 KLF ...	●	●	●	●		●	●	●	●	10/200
	29	⊕		10020 BE 35 SR KLF ...	●	●	●	●		●	●	●	●	10/200
	29	■		10020 BE 35 SL KLF ...	●	●	●	●		●	●	●	●	10/200
Belgian French Standard socket with earth pin child protection (shutter) according to IEC 60884	28	Ⓚ ⊕		10020 K BE 35 ...	●	●	●	●		●	●	●	●	10/200
	29	Ⓚ ⊕		10020 K BE 35 SR ...	●	●	●	●		●	●	●	●	10/200
	29	Ⓚ ■		10020 K BE 35 SL ...	●	●	●	●		●	●	●	●	10/200
Belgian French Standard socket with earth pin child protection (shutter) with hinged cover according to IEC 60884	28	Ⓚ ⊕		10020 K BE 35 KLF ...	●	●	●	●		●	●	●	●	10/200
	29	Ⓚ ⊕		10020 K BE 35 SR KLF ...	●	●	●	●		●	●	●	●	10/200
	29	Ⓚ ■		10020 K BE 35 SL KLF ...	●	●	●	●		●	●	●	●	10/200



INTERNATIONAL SOCKETS

		installation depth (mm)	child protection (shutter)	SL	SR	item no.	white	black	slate grey	grey	agate grey	brown	VPE
							W	SCH	SGR	G	ACG	BR	
	Swiss Standard type 13 according to SEV 250 V ~ 10 A	33	K	+		1002013 CH SR ...	●	●					10/200
	Italian Standard according to CEI 23-50:2007 250 V ~ 10/16 A with child protection (shutter)	29,5	K	+		10020 K I 35 ...	●	●	●				10/200
	US Standard - full Plate US Standard US Standard 125 V ~ 15 A NEMA 5-15R 2-pole + PE UL sign V0	25 25 25				10020 US ... V0 10020 35 US ... 10020 US KLF ... V0	● ● ●	● ● ●					10/200 10/200 10/200
	Australian Standard 240 V ~ 10 A Australian Standard 240 V ~ 15 A hinged cover available upon request	15 15		+		10020 AUS ... 10020/15 AUS ...	● ●	● ●					10/200 10/200
	Euro-American 2-pole 250 V ~ 10 A for Euro plug Nema 1-15 BS4573 operation only with isolating transformer	15		+		10020 EA 35 ...	●	●	●				10/200
	British Standard according to BS 1363 250 V ~ 13 A with child protection (shutter)	21,5	K	+		10220 GB ...	●	●	●	●		●	10/200

INTERNATIONAL SOCKETS

SPECIAL SOCKETS

	power supply	31	installation depth (mm)	child protection (shutter)	SL	SR	item no.	STRUCTURED						VPE	
								white	black	slate grey	grey	agate grey	brown		
	250V~ 10A						10020 KALT ...	W	SCH	SGR	G	ACG	BR	10/200	
	socket 12 V = flat contacts 6,3 mm 6-24 V = 10 A installation depth 33 mm without plug		33				10021 35 ...	●	●		●		●	10/200	
	power socket 12 V = flat contacts 6,3 mm 6-24 V = 20 A installation depth 48 mm without plug		48				10022 35... insert chrome green	●	●	●				10/200	
			48				10023 35... insert in black		●					10/200	
	power socket 12 V = flat contacts 6,3 mm 6-24 V = 10 A installation depth 48 mm without plug		48				10025 35 ...	●	●	●				10/200	
	USB charger 115-230 V ~ in 2x USB 5V = out 2,1 A according to IEC 62368		32	⊕			10020 2 USB 230V ...	●	●	●				10/200	
	USB charger 2x 2,5 A 12-24 V in		30				10020 2USB 12V ...	●	●	●				10/200	
	USB charger 1x 3 A 12-24 V in		30				10020 USB 12V 3A ..	●	●	●				10/200	
	2 connection cables 70 mm USB 5V = out according to IEC 62368 E1 approval						insert only in black								
	USB charger 2x 2,5 A 12-24 V in		30				10020 2USB 12V KLF...	●	●	●				10/200	
	USB charger 1x 3 A 12-24 V in		30				10020 USB 12V 3A KLF...	●	●	●				10/200	
	2 connection cables 70 mm USB 5V = out, with hinged cover according to IEC 62368 E1 approval						insert only in black								

special colours MOQ upon request

UPGRADE | SUPPLEMENT



hinged cover single frame
outer dimensions 60x60mm
replaces single frame
unusable with multiple frames
high gloss upon request



blind cover

high gloss upon request



distance frame System 10.000
single
reduction of the installation depth



shaver socket 2x 2-pole
Euro plug 250V /2,5A
NEMA 1-15 125V / 15A
with 4 screw terminals
operation only with isolating transformer



surface mounting box System 10.000
single, W60 x L60 x H37 mm
single, W60 x L60 x H37 mm -
strain relief



surface mounting box System 10.000
double, W60 x L113 x H37 mm

surface high gloss

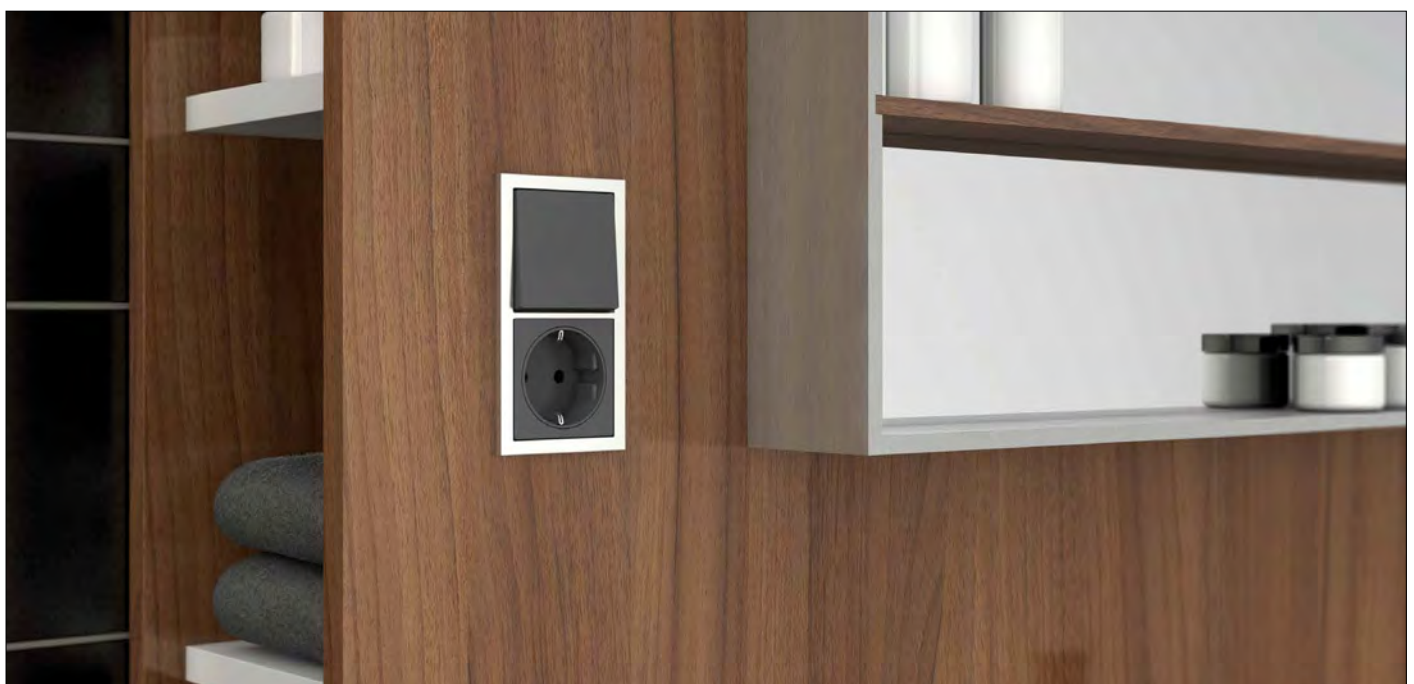
installation depth (mm)	item no.	white	black	slate grey	grey	agate grey	brown	chrome matt	chrome matt	chrome high-gloss	VPE
		W	SCH	SGR	G	ACG	BR	SMS	GMS	GHS	
	60 KLF ...	●	●		●		●	●	●	●	20
	10015 ...	●	●		●		●	●	●	●	50/1000 40/800
-11	10061 ...	●	●		●		●	●			20/200
	900191 ...	●									10/200
	10051 HG ...	●	●		●						10
	10051Z HG ...	●	●		●						10
	10051/16 HG ...	●									10
	10052 HG ...	●	●		●						10

system 20.0000



DESIGN

- REMARKABLE IN FORM
- VARIABLE IN INSTALLATION
- COMPATIBLE WITH SYSTEM 10.000



system 20.0000

THE COLOUR COMBINATIONS

W



SGR



SCH



W



SGR



SCH



W



SGR



SCH



frames high gloss | satin-finished

W = white (RAL 9010)

SGR = slate grey (RAL 7016)

SCH = black (RAL9005)

GHS



GQS



GMS



GHS



GQS



GMS



GHS



GQS



GMS



frames with galvanised surfaces

GHS = chrome high gloss

GQS = chrome matt finish

GMS = alu matt finish

COLOURS | SURFACES | MATERIALS







WHITE

W

SATIN-FINISHED

similar to RAL 9010

BLACK

SCH

SATIN-FINISHED

similar to RAL 9005

SLATE GREY

SGR

SATIN-FINISHED

similar to RAL 7016

GALVANISED FRAMES







CHROME

GHS

HIGH GLOSS

SMOOTH

CHROME

GQS

MATT FINISH

SMOOTH

ALU

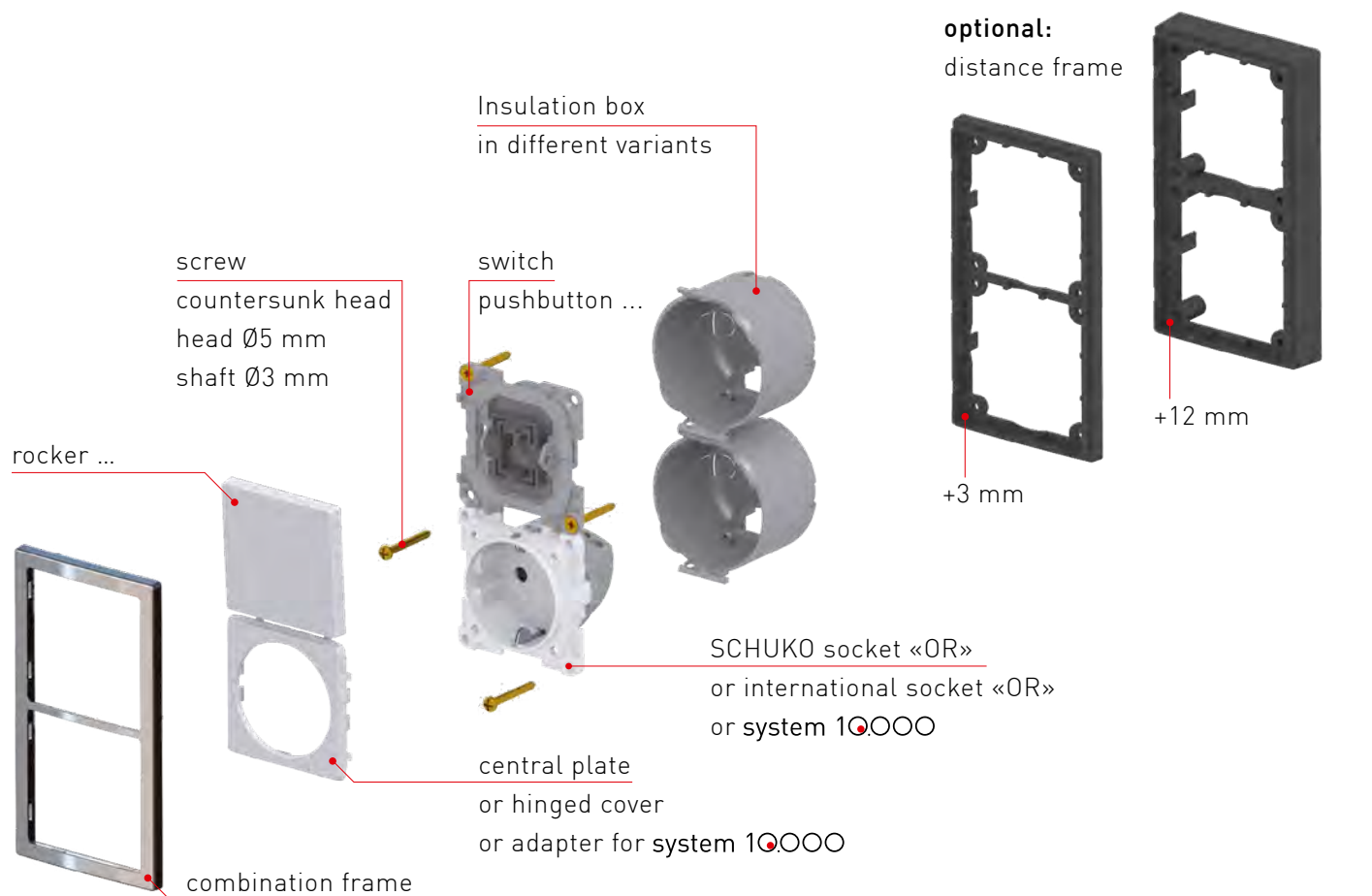
GMS

MATT FINISH

SMOOTH

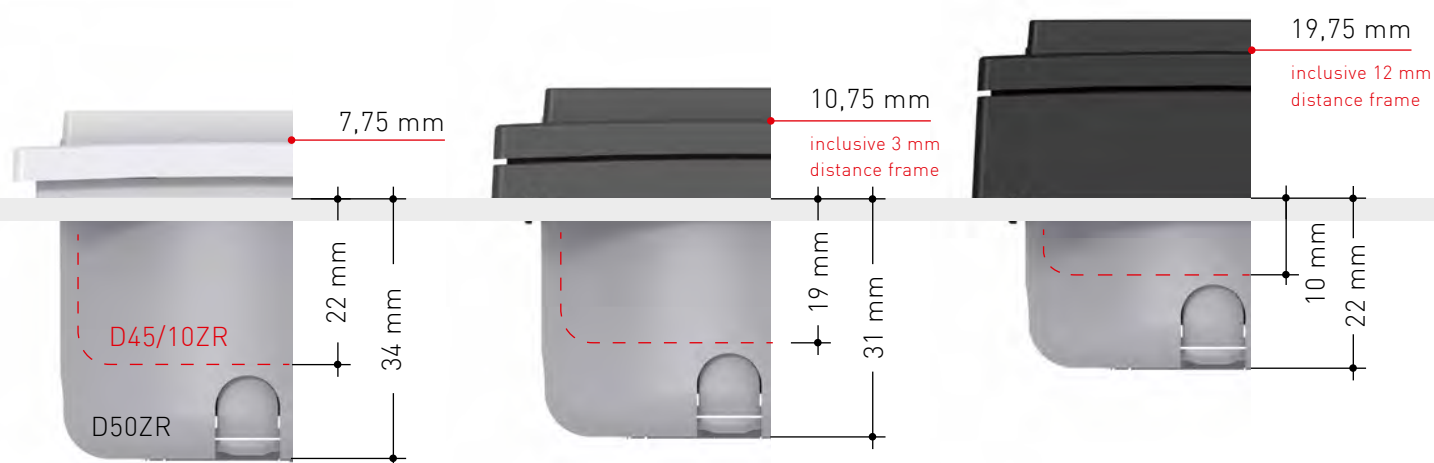
IN 20.0000 DESIGN!

HOW TO USE



distance frame 3mm and 12mm
for reduction of installation depth
with centring aid for exact installation

DEGREE OF PROTECTION IP20



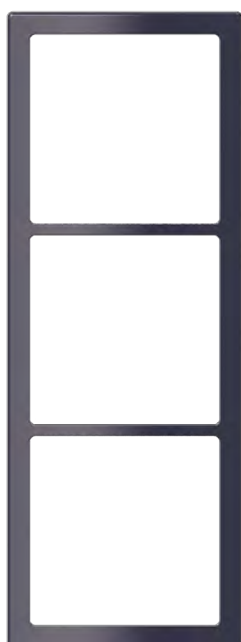
In case of installation in flammable surfaces
the usage of insulation boxes is strictly necessary.
Our systems are not suitable for flush mounting.

COMBINATION FRAMES | DISTANCE FRAMES

HORIZONTAL | VERTICAL



DISTANCE FRAMES
OFFER THE POSSIBILITY
TO REDUCE THE MOUNTING DEPTH



		white	black	slate grey	white	black	slate grey	chrome high-gloss	chrome matt finish	Alu matt finished	
		SATIN			HIGH GLOSS			SMOOTH			
		W	SCH	SGR	W	SCH	SGR	GHS	GQS	GMS	
	item no.										VPE
COMBINATION FRAME											
single 62 x 62mm	20071 ...	●	●	●	●	●	●	●	●	●	20/600
double 62 x 115mm	20072 ...	●	●	●	●	●	●	●	●	●	10/300
triple 62 x 168mm	20073 ...	●	●	●	●	●	●	●	●	●	10/400
DISTANCE FRAME 3MM											
single 62,5 x 62,5mm	20061/3 ...	●	●	●							20/600
double 62,5 x 115,5mm *	20062/3 ...	●	●	●							10/300
triple 62,5 x 168,5mm *	20063/3 ...	●	●	●							9/90
* only for use with single insulation box											
DISTANCE FRAME 12MM											
single 63,4 x 63,4mm	20061/12 ...	●	●	●							10/300
double 63,4 x 116,4mm *	20062/12 ...	●	●	●							5/150
triple 66,4 x 169,4mm *	20063/12 ...	●	●	●							10/200
* only for use with single insulation box											

ROCKERS FOR SWITCHES | PUSHBUTTONS

	item no.	white W	black SCH	slate grey SGR	VPE	
rocker	20000 ...	●	●	●	20/900	
for switches universal switches pushbuttons						
rocker printed 0 1 coded	20002 ...	●	●	●	20/900	
for switch 2-pole 20705/2						
rocker with clear lens for control light without print	20000 K ...	●	●	●	20/900	
for switches universal switches and pushbuttons with LED						
rocker with clear lens for control light printed 0 1 coded	20002 K ...	●	●	●	20/900	
for switch 2-pole 20196/2 with LED						
series switch rocker	20005 ...	●	●	●	20/900	
for serial switch double switch serial pushbutton						
series switch rocker printed	20005 J ...	●	●	●	20/900	
for shutter switch 20328/1D						
special colours MOQ upon request						

SOCKETS «OR» (WITHOUT CENTRAL PLATE) 250 V ~ | 16 A ACCORDING TO DIN VDE 0620-1

i

For system 20.000 you need:

+

or

device «OR»

central plate

hinged cover

		installation depth (mm)	child protection (shutter)	SL	SR	item no.	white	black	slate grey	VPE
							SATIN			
							W	SCH	SGR	
	central plate for sockets + devices „OR“					20035 ...	●	●	●	20/900
	hinged cover for sockets + devices „OR“					20035 KLF ...	●	●	●	40/800
	SCHUKO	31		⊕		10020 35 OR ...	●	●	●	10/200
	SCHUKO with child protection (shutter)	31	K	⊕		10020 K 35 OR ...	●	●	●	10/200
	SCHUKO socket 45°	31		⊕		10020-45 OR ...	●	●	●	10/200
	SCHUKO	32 32 31		⊕		10020 35 SR OR ...	●	●	●	10/200
				■		10020 35 SL OR ...	●	●	●	10/200
				■		10020 35 ASL OR ...	●	●	●	10/200
	SCHUKO with child protection (shutter)	32	K	⊕		10020 K 35 SR OR ...	●	●	●	10/200
		32	K	■		10020 K 35 SL OR ...	●	●	●	10/200

INTERNATIONAL SOCKETS «OR» WITH EARTH PIN 250 V ~ | 16 A

SCREW TERMINALS | SR



10020 (K) 35
10020 F 35
10020 K BE 35

10020 (K) 35 SR
10020 (K) BE 35 SR

PLUG IN TERMINALS | SL



10020 (K) 35 SL
10020 (K) BE 35 SL

10020 35 ASL

	installation depth (mm)	child protection (shutter)		item no.	white	black	slate grey	VPE
			SL	SR	W	SCH	SGR	
central plate for sockets + devices „OR“				20035 ...	●	●	●	20/900
hinged cover for sockets + devices „OR“				20035 KLF ...	●	●	●	40/800
Belgian French Standard socket with earth pin 250 V ~ 16 A with child protection (shutter)	28	K	+	10020 K BE 35 OR ...	●	●	●	10/200
Export socket with earth pin 250 V ~ 16 A	28		+	10020 F 35 OR ...	●	●	●	10/200
Belgian French Standard socket with earth pin 250 V ~ 16 A with child protection (shutter) according to IEC 60884	29	K	+	10020 K BE 35 SR OR ...	●	●	●	10/200
	29	K	-	10020 K BE 35 SL OR ...	●	●	●	10/200
Export socket with earth pin 250 V ~ 16 A	29		+	10020 BE 35 SR OR ...	●	●	●	10/200
	29		-	10020 BE 35 SL OR ...	●	●	●	10/200



INTERNATIONAL SOCKETS

«OR»

		installation depth (mm)	child protection (shutter)	SL ⊕ SR	item no.	SATIN			VPE
						W	SCH	SGR	
						white	black	slate grey	
	central plate for sockets + devices „OR“				20035 ...	●	●	●	20/900
	hinged cover for sockets + devices „OR“				20035 KLF ...	●	●	●	40/800
	Australian Standard								
	240 V ~ 10 A	15	⊕		10020 AUS OR ...	●	●		10/200
	240 V ~ 15 A	15	⊕		10020/15 AUS OR ...	●	●		10/200
	Swiss Standard type 13 according to SEV 250 V ~ 10 A	31	K	⊕	10020/13 CH SR OR...	●	●		10/200
	Italian Standard according to CEI 23-50:2007 250 V ~ 10/16 A with child protection (shutter)	29,5	K	⊕	10020 K I 35 OR ...	●	●	●	10/200
	US Standard 125 V ~ 15 A NEMA 5-15R 2-pole + PE UL sign V0	25		⊕	10020 US OR ... V0	●	●	●	10/200
	Euro-American 2-pole 250 V ~ 10 A for Euro plug Nema 1-15 BS4573	15		⊕	10020 EA 35 OR...	●	●	●	10/200
	operation only with isolating transformer								

K = child protection (shutter) | ⊕ SR = screw terminals | — SL = plug in terminals

INTERNATIONAL SOCKETS "FULL PLATE"

For system 20.000 you need:



device system 10.000

adapter frame

	installation depth (mm)	child protection (shutter)	SL	SR	item no.	white	black	slate grey	VPE
						SATIN			
						W	SCH	SGR	
adapter frame for integration of "full plate" into System 20.000					20048 ...	●	●	●	20/900
British Standard according to BS 1363 250 V ~ 13 A with child protection (shutter)	21,5	Ⓚ	⊕		10220 GB ...	●	●	●	10/200
Australian Standard 240 V ~ 10 A	15		⊕		10020 AUS ...	●	●		10/200
Australian Standard 240 V ~ 15 A	15		⊕		10020/15 AUS ...	●	●		10/200



special colours MOQ upon request

SPECIAL SOCKETS «OR»

	installation depth (mm)	SL	SR	item no.	white	black	slate grey	VPE
					W	SCH	SGR	
				20035 ...	●	●	●	20/900
				20035 KLF ...	●	●	●	40/800
	32	⊕		10020 2 USB 230V OR...	●	●	●	10/200
	30			10020 2USB 12V OR...	●	●	●	10/200
	30			10020 USB 12V 3A OR...	●	●	●	10/200
				insert only in black				
	33			10021 35 OR ...	●	●	●	10/200
				insert in black				
	48			10022 35 OR ...	●	●		10/200
	48			10023 35 OR ...		●		10/200
	48			10025 35 OR ...	●	●		10/200
				insert in black				

IP44 SPLASH PROOF DEVICES WITH SEAL KIT

SUITABLE FOR FRAMES
SYSTEM 10.000 | SOFTLINE

	installation depth (mm)	child protection (shutter)	item no.	white W	black SCH	slate grey SGR	grey G	agate grey ACG	brown BR	VPE
		SL ⊕ SR		STRUCTURED						
universal switch IP44 changeover	10	⊕	10710/6 WG ...	●	●		●		●	10/200
off-switch IP44 1-pole	10	⊕	10710/1 WG ...	●	●		●		●	10/200
universal switch IP44 changeover	25	⊕	10705/6 WG ...	●	●		●		●	10/200
switches with print IP44 with foam rubber seal										
hinged cover IP45 seal kit for socket consisting of hinged cover with print IP44 with foam rubber seal			35 KLF WG ...	●	●		●		●	30/600
SCHUKO IP44 with hinged cover	31	⊕	10020 35 KLF WG...	●	●		●		●	10/200
with foam rubber seal	32	⊕	10020 35 SR KLF WG...	●	●		●		●	10/200
	32	■	10020 35 SL KLF WG...	●	●		●		●	10/200
also available with child protection (shutter)										
Export socket with earth pin IP44	28	⊕	10020 F 35 KLF WG...	●	●		●		●	10/200
with hinged cover	29	⊕	10020 BE 35 SR KLF WG...	●	●		●		●	10/200
with foam rubber seal	29	■	10020 BE 35 SL KLF WG...	●	●		●		●	10/200
Belgian French IP44 with hinged cover	28	Ⓚ ⊕	10020 K BE 35 KLF WG...	●	●		●		●	10/200
	29	Ⓚ ⊕	10020 K BE 35 SR KLF WG...	●	●		●		●	10/200
Standard socket with earth pin child protection (shutter) with foam rubber seal	29	Ⓚ ■	10020 K BE 35 SL KLF WG...	●	●		●		●	10/200



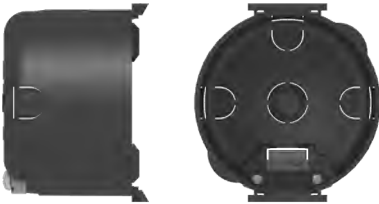
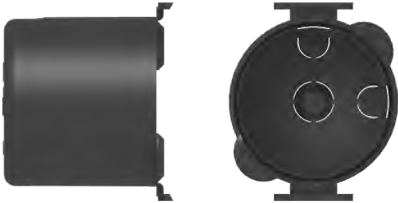
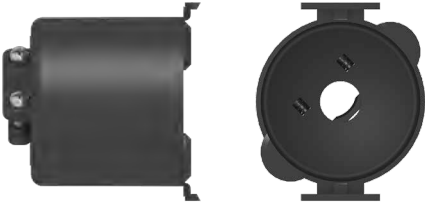
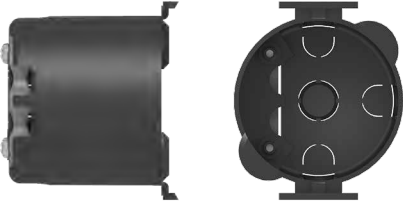
special colours MOQ upon request

INSULATION BOXES

ACCORDING TO VDE 0606/ PART 1 | SELF-EXTINGUISHING | IP30 | 250V~

I In case of installation in flammable surfaces
the usage of insulation boxes is strictly necessary.
Our systems are not suitable for flush mounting.

i insulation boxes on this page suitable for:
system 10000 / Softline
system 20000 with and without distance frames

		installation depth (mm)	item no.	VPE
	Insulation box Ø45mm for cable diameter between 7,6 - 9,8mm only for switches with 11mm installation depth strain relief at the side	22	D45 / 10 ZR	100
	Insulation box Ø50mm for cable diameter between 7,6 - 9,8mm strain relief downwards	34	D50 ZR	100
	Insulation box Ø50mm for cable diameter between 7,6 - 9,8mm strain relief	42	D50 42 ZR	100
	Insulation box Ø45mm for cable diameter between 7,6 - 9,8mm without strain relief	42	D45 R	100
	Insulation box Ø45mm for cable diameter between 7,6 - 9,8mm strain relief on the rear	49	D45 ZR	100
	Insulation box Ø45mm for cable diameter up to 7,6mm strain relief at the side 2 cable entries	41	D45 SZR2	100



insulation boxes on pages 29, 30 and 31 suitable for:
system 1□□□□ / Softline
system 2□□□□ ONLY WITHOUT distance frames
see explanation on page 19

- improved wallthickness and clips
- fast and easy mounting
- conic geometry for better fitting into mounting holes

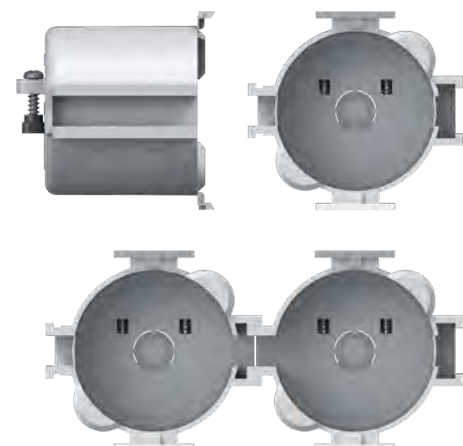
NEW

	installation depth (mm)	item no.	VPE
Insulation box Ø46mm for cable diameter between 7,6 - 9,8mm strain relief downwards only for switches with 11mm installation depth improved wallthickness, fast mounting	22	D46 / 22 ZR	100
Insulation box Ø47mm for cable diameter between 7,6 - 9,8mm strain relief downwards improved wallthickness, fast mounting	36	D47 ZR	100



INSULATION BOXES STACKABLE

Insulation box Ø45mm stackable strain relief on the rear for switches pushbuttons	49	KD 45 ZR	50
Insulation box double Ø45mm for multiple installation, stackable strain relief on the rear for switches pushbuttons	49	KD 245 ZR	100



INSULATION BOXES

MULTIPLE

ACCORDING TO VDE 0606/ PART 1 | SELF-EXTINGUISHING | IP30 | 250V~



	installation depth (mm)	item no.	VPE
double Insulation box Ø50mm	34	KD 250 ZR	50
double Insulation box strain relief at the side	40	D 250 ZR	50
triple Insulation box Ø50mm	34	KD 350 ZR	10/200
triple Insulation box strain relief at the side	40	D 350 ZR	10/200

INSULATION BOXES SNAP-IN

FOR SELF LOCKING INSTALLATION
WALL THICKNESSES OF 16MM, Ø50MM

	installation depth (mm)	Artikel NR.	VPE
snap-in - insulation box, single Ø50mm for 16mm wall thickness strain relief at the side switches pushbuttons	42	D 50/42 ZR SI 16	100
snap-in - insulation box, double Ø50mm snap-in - insulation box, double Ø50mm for 16mm wall thickness strain relief at the side 3x two additional rated break holes switches pushbuttons	34 40	D2 50/34 ZR SI 16 D2 50/40 ZR SI 16	50 50



SNAP-IN SOCKETS

POWER FOR YOU ...

Who hasn't been in a situation where no power was available where it was needed?

Time-consuming searches for an extension cable don't make it any more fun.

More and more machinery and equipment manufacturers eliminate such problems with system components from inprojal – an economical and convenient way to provide substantial added value for their customers.

For example, our snap-in sockets have proven themselves internationally in millions of installations.

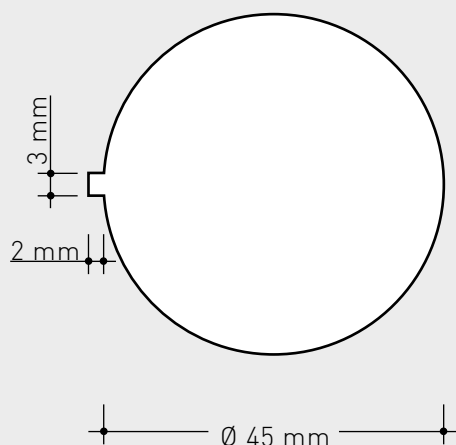
All that's needed to install them is a standard 45-mm diameter mounting hole and the push of a finger.

And even when a socket has a tough future of 24/7 usage ahead of it, we ensure that your products cause your customers no grief.



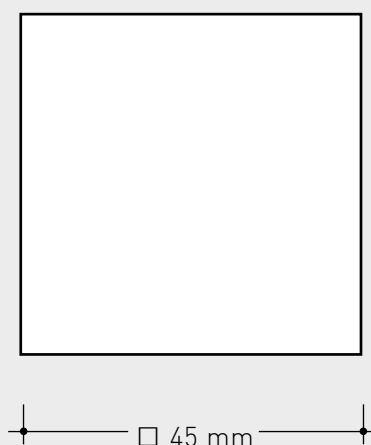
SNAP-IN

for round cut-out



SNAP-IN 320

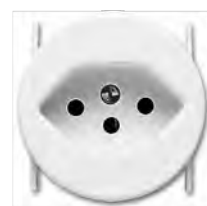
for square cut-out



SNAP-IN SOCKETS

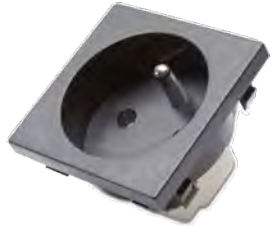
FOR INSTALLATION IN ROUND CUT-OUTS

	installation depth (mm)	child protection (shutter)	SL	SR	item no.	white	black	VPE
			■	⊕		W	SCH	
SCHUKO according to DIN VDE 0620-1	37	⊕			10020 SR SI ...	●	●	10/150
250 V ~ 16 A	37	K ⊕			10020 K SR SI ...	●	●	10/200
without with child protection (shutter)	37	■			10020 SL SI ...	●	●	10/150
wall thickness 1,0-5,0 mm, high gloss surface	37	K ■			10020 K SL SI ...	●	●	10/200
Belgian French	37	⊕			10020 BE SR SI ...	●	●	10/200
Standard socket with earth pin 250 V ~ 16 A	37	K ⊕			10020 K BE SR SI ...	●	●	10/200
without with child protection (shutter)	37	■			10020 BE SL SI ...	●	●	10/200
wall thickness 1,0-5,0 mm, high gloss surface	37	K ■			10020 K BE SL SI ...	●	●	10/200
protection cap with strain relief	39				D 10020 Z			10/200
only for SL variants above								
Swiss Standard type 13 according to SEV	35	■			8020 CH SL SI ...	●	●	10/200
250 V ~ 10 A								
wall thickness 5,0-5,4 mm								
high gloss surface								
Euro-American	34	⊕			8060 EA SR SI ...	●		10/200
2-pole 250 V ~ 16 A								
without protective contact								
wall thickness 1,0-5,4 mm, high gloss surface								
for Euro plug Nema 1-15 BS4573								
SCHUKO with square cover	32	⊕			10020 SI ...	●	●	10/200
according to DIN VDE 0620-1								
250 V ~ 16 A								
wall thickness 1,0-3,0 mm, structured surface								



SNAP-IN 320 SOCKETS

FOR INSTALLATION IN SQUARE CUT-OUTS

	installation depth (mm)	child protection (shutter)	SL ⊕ SR	item no.	STRUCTURE			VPE
					white W	black SCH	slate grey SGR	
 SCHUKO according to DIN VDE 0620-1 250 V ~ 16 A cable connection up to 2,5mm² for wall thickness 1,6mm	34		⊕	103201 ...	●	●	●	10/200
 Belgian French Standard socket with earth pin with child protection (shutter) 250 V ~ 16 A for wall thickness 1,6mm	31	K	⊕	103201 K BE ...	●	●	●	10/200
 British Standard according to BS 1363 250 V ~ 13 A with child protection (shutter) for wall thickness 1,6mm	24,5	K	⊕	103201 GB ...	●	●	●	10/200
 British Standard according to BS 1363 250 V ~ 13 A turned 45° for wall thickness 1,6mm	24,5		⊕	103201 GB-45 ...	●	●	●	10/200
 blind cover 50 x 50 mm for wall thickness 4,5mm				10016/50 ...	●	●	●	
 blind cover 50 x 25 mm for wall thickness 4,5mm				10016/25 ...	●	●	●	

K = child protection (shutter) | ⊕ SR = screw terminals | — SL = plug in terminals

VP FOR USE IN PROFILE RAILS



INDIVIDUAL SOCKET STRIPS

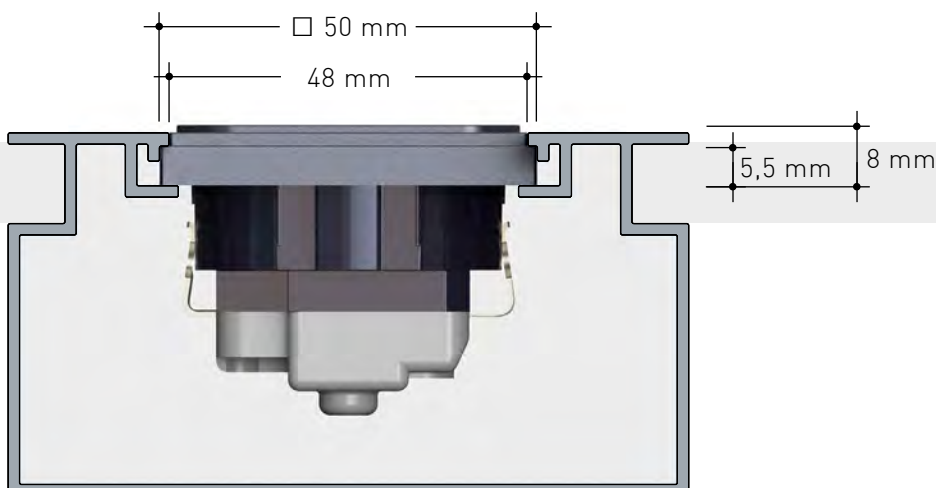
Our diverse range of products helps customisation: any combination of switches, sockets and signal taps can be integrated into profiles and control panels, making customised solutions the norm.

Our installation system for the integration of switches and sockets into profiles and cable channels enables the side by side placement of the individual devices without wasting space. The result is a fully functional and customised "control centre".

With blind covers and numerous other options, there are no limits to the all-round and effective implementation of customer requirements.



The components have a finely structured surface and are available in the standard colours white (~RAL 9010), grey (~RAL 7035) and black (~RAL 9005), and of course special requests can also be fulfilled for this product line.



10.000 VP

SWITCHES | SOCKETS



off-switch
1-pole | 250V~ | 16A
pushbutton | NO
1-pole | 250V~ | 16A

child protection (shutter)

SL ⊕ SR

item no.

white
black
STR.
W SCH

VPE

⊕

10710/1 VP 91 ...

●

●

10/200

⊕

10510 VP 91 ...

●

10/200



series switch with rocker
2x switch | 1-pole | 250V~ | 16A

⊕

10710/5 VP 91 ...

●

●

10/200



SCHUKO
according to DIN VDE 0620-1
250 V ~ | 16 A
without | with child protection (shutter)

K

⊕

10020 VP ...

●

●

10/200

⊕

10020 K 35 VP 91 ...

●

●

10/200



SCHUKO
according to DIN VDE 0620-1
250 V ~ | 16 A
with hinged cover

⊕

10020 35 KLF VP 91 ...

●

●

10/200



SCHUKO socket 45°
according to DIN VDE 0620-1
250 V ~ | 16 A

⊕

10020-45 VP ...

●

●

10/200



USB charger
110 V ~ to 240 V ~ in
2x USB 5V = out | 2,1 A
according to IEC 62368

32

⊕

10020 2 USB 230V VP...

●

●

10/200

10.000 VP INTERNATIONAL SOCKETS

	child protection (shutter)	item no.	white	black	VPE
	SL		STR.		
	+		W	SCH	
Export socket with earth pin 250 V ~ 16 A	+	10020 F 35 VP 91 ...	●	●	10/200
Belgian French Standard socket with earth pin 250 V ~ 16 A with child protection (shutter) according to IEC 60884	K +	10020 K BE VP ...	●	●	10/200
British Standard according to BS 1363 250 V ~ 13 A with child protection (shutter)	K +	10220 GB VP ...		●	10/200
British Standard according to BS 1363 250 V ~ 13 A socket 45°, with child protection (shutter)	+	10220 GB-45 VP ...	●	●	10/200
Export socket according to Swiss Standard (SEV) type 13 250 V ~ 10 A	+	10020 CH SR VP 91 ...	●	●	10/200
Italian Standard according to CEI 23-50:2007 250 V ~ 10/16 A with child protection (shutter)	+	10020 K I 35 VP 91 ...	●	●	10/200



10.000 VP

INTERNATIONAL SOCKETS



US Standard
125 V ~ | 15 A | NEMA 5-15R
2-pole | + PE | UL sign | V0



Australian Standard, screw terminals
250 V ~ | 10 A

child protection (shutter)	SL	item no.	STR.		VPE
			white W	black SCH	

10020 US VP ...

● ●

10/200

⊕

10020 AUS VP ...

● ●

10/200

BLIND COVER

INSTALLATION OF COMPONENTS SUCH AS P. 45 POSSIBLE



blind cover 50 x 12,5 mm

10015/12,5 VP ...

● ●

50/500



blind cover 50 x 25 mm

10015/25 VP ...

● ●

50/500



blind cover 50 x 50 mm

10015/50 VP ...

● ●

50/500



blind cover 50 x 100 mm

10015/100 VP ...

●

50/500

MEDIA JACKS | KEYSTONE



	item no.	white	black	slate grey	grey	agate grey	brown	VPE
		W	SCH	SGR	G	ACG	BR	
cover plate single keystone, structured surface	10048/1 ...	●	●		●		●	10/200
cover plate single keystone, high gloss surface	10048/1 HG ...	●	●		●		●	10/200
cover plate double keystone, structured surface	10048/2 ...	●	●		●		●	10/200
cover plate double keystone, high gloss surface	10048/2 HG ...	●	●		●		●	10/200



MEDIA JACKS | KEYSTONE NETWORK

		item no.	white W	black SCH	VPE
	CAT6 coupler 8P8C, shielded	10048 CAT6 01 M			10
	CAT6A/10G coupler 8P8C, shielded socket / socket metal housing	10048 CAT6A 01 M			10
	CAT6 coupler 8P8C, shielded socket / socket 90° metal housing	10048 CAT6A 02 M			10
	CAT6 coupler 8P8C, unshielded socket / socket	10048 CAT6 03 ...		●	10
	CAT6 socket, unshielded assembly without tools	10048 CAT6 04 ...		●	10
	CAT6A socket, shielded assembly without tools metal housing	10048 CAT6A 05 M			10

DATA

	item no.	white W	black SCH	VPE	
USB2.0 type A to type A pinning 1:1	10048 USB AA2 01 ...		●	10	
USB3.0 type A to type A pinning 1:1	10048 USB AA3 01 ...		●	10	
USB3.0 type A to type A 90° pinning 1:1	10048 USB AA3 02 ...		●		
USB2.0 type B to type B pinning 1:1	10048 USB BB2 01 ...		●	10	
Fire Wire 2 x socket 6-pole	10048 FW 01 ...		●	10	
mini Fire Wire 2 x socket 6-pole	10048 FW 03 ...		●	10	

MEDIA JACKS | KEYSTONE

AUDIO | VIDEO

		item no.	white	black	red	yellow	blue	green	VPE
			W	SCH	ROT	GE	BL	GR	
	Cinch (RCA) double socket	10048 Cinch 01	●	●	●	●	●	●	10
	Cinch (RCA) to screw / plug-in terminal	10048 Cinch 02 ...	●	●	●	●	●	●	10
	BNC connector 2x socket, BNC to BNC	10048 BNC 01 ...	●	●	●	●	●	●	10
	mini DIN socket / socket SVHS	10048 SVI 01 ...		●					10
	mini DIN socket SVHS to screw / plug-in terminal	10048 SVI 02 ...		●					10
	HDMI coupler	10048 HDMI 01 ...		●					10
	jack plug 3,5mm, stereo 2x socket	10048 KLI 35 01 ...		●					10
	jack plug 3,5mm, stereo socket to screw / plug-in terminal	10048 KLI 35 02 ...		●					10

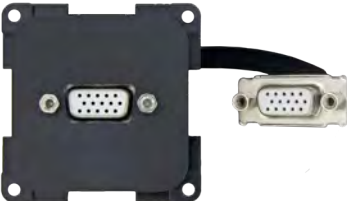
OTHER

	item no.	white W	black SCH	red ROT	VPE	
antenna double jack (radio)	10048 R 01 ...		●		10	
antenna double plug (TV)	10048 TV 01 ...		●		10	
F-antenna connector	10048 F 01 ...		●		10	
banana plug 4mm	10048 BAN 01 ...		●	●	10	
blind cover	10048 BLIND ...	●	●		10	

MULTIMEDIA

BLIND COVER

CONNECTOR WITH CONNECTION CABLE | 150MM



	installation depth (mm)	item no.	white	black	slate grey	grey	agate grey	brown	VPE
			W	SCH	SGR	G	ACG	BR	
blind cover - structured surface		10015 ...	●	●		●		●	50
blind cover - high-gloss surface		10015 HG ...	●	●		●		●	50
HDMI coupler (socket / socket)	42	10048 15 KP HDMI ...		●					10
VGA coupler (socket / socket)	42	10048 15 KP VGA ...		●					10
VGA + stereo coupler (socket / socket) jack plug 3,5mm, stereo (socket / socket)	42	10048 15 KP VGA K ...		●					10
DVI coupler (socket / socket)	52	10048 15 KP DVI ...		●					10

BLIND COVERS WITH INSERTS

	installation depth (mm) *	item no.	SCH	black	VPE	
HDMI coupler (socket / socket)	25	10048 15 HDMI ...	●		10	
VGA coupler (socket / socket)	9	10048 15 VGA ...	●		10	
DVI coupler (socket / socket)	20	10048 15 DVI ...	●		10	
3 x RCA coupler (socket / socket) -red-white-yellow-	13	10048 15 3RCA ...	●		10	
XLR coupler (socket / socket)	24	10048 15 XCR ...	●		10	
3 x antenna coupler socket / plug -SATELITE-	12	10048 15 3ANT ...	●		10	

* installation depth + length of the connection cable

ASSEMBLED COMBINATIONS

PLUG AND PLAY ...

If you often use the same combinations of sockets, switches etc., we also supply them pre-assembled and wired.

FOR EXAMPLE:

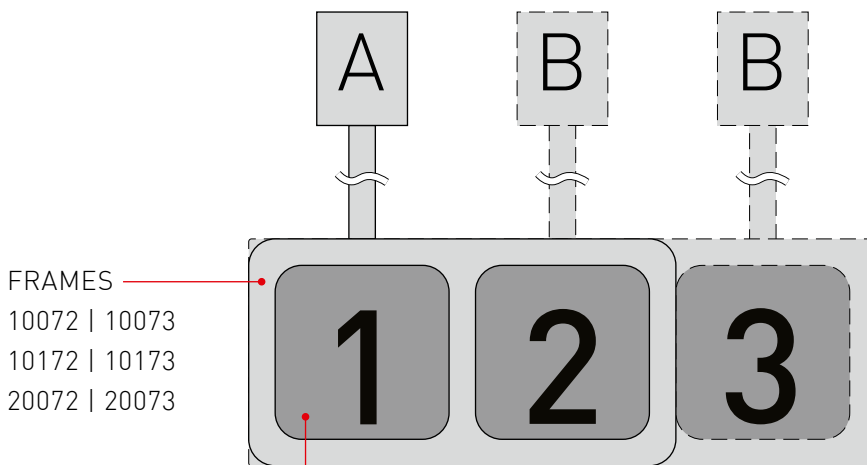


	installation depth (mm)	item no.	VPE
assembled combination - 2x SCHUKO socket + switch horizontal Design System 10.000 black 2m supply cable type H05VV-F3G1,5 with angle plug SCHUKO black 2m output cable type H03VV-F2x0,75 with euro plug black switched strain-relieved	41	item no. upon request	1/15
assembled combination - 2x SCHUKO socket horizontal Design System 10.000 white 2m supply cable type H05VV-F3G1,5 with angle plug SCHUKO black strain-relieved	41	item no. upon request	1/15
assembled combination - 2x SCHUKO socket + USB charger 2,1 A horizontal Design System 20.000 frame chrome matt finish inserts black 2m supply cable type H05VV-F3G1,5 with angle plug SCHUKO black strain-relieved	41	item no. upon request	1/15

OR YOU CHOOSE YOURSELF:

DESIGN VERSION

system 10000
system 10000 Softline
system 20000



FRAMES
10072 | 10073
10172 | 10173
20072 | 20073

INSERT *

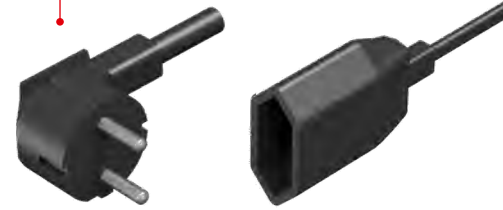
- switches | on/off switches
- SCHUKO sockets
10020... | 10020K... | 1002035... | 10020K35...
- USB charger
100202USB230V...
- also with hinged cover

A - SUPPLY CABLE

- 2m type H05VV-F3G1,5 | black
with angle plug SCHUKO
(standard)

or

- open ends with crimped
cable ends (3x1,5mm²)
- Wieland plug GST18i3



B - SWITCHED OUTPUT

at assembled systems with switch

- 2m type H03VV-F2x0,75 | black
with euro plug
(standard)

- output cable with circuit connectors
of the manufacturers
AMP, Wago, Wieland, ...
upon request

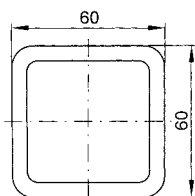
UPON REQUEST (MOQ 20 pieces)

item no.
frames: ☐ horizontal ☐ vertical
insert 1 (= left | top):
insert 2:
insert 3:
supply cable length | plug: m | ☐ top | right ☐ bottom | left
output cable length | plug coupling: m |
☐ top | right ☐ bottom | left

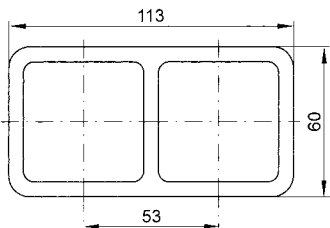
TECHNICAL INFORMATION

FRAMES

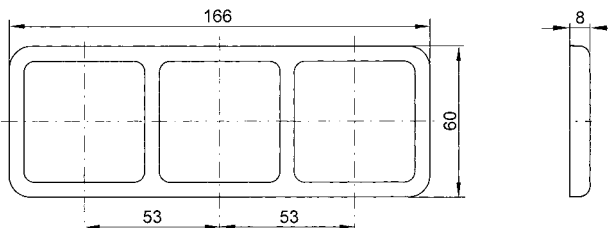
10071



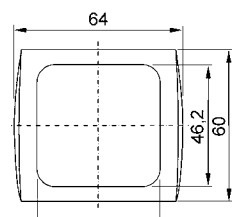
10072



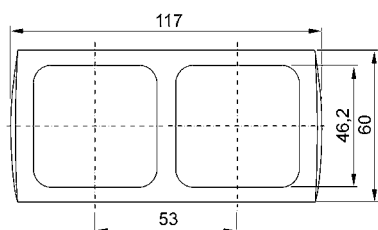
10073



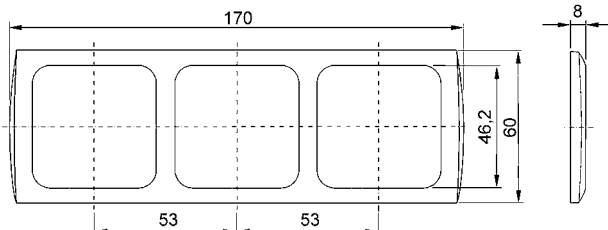
10171



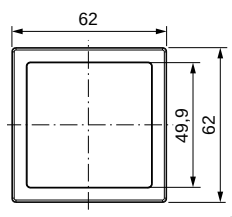
10172



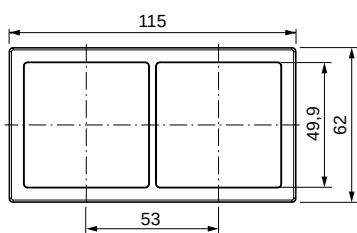
10173



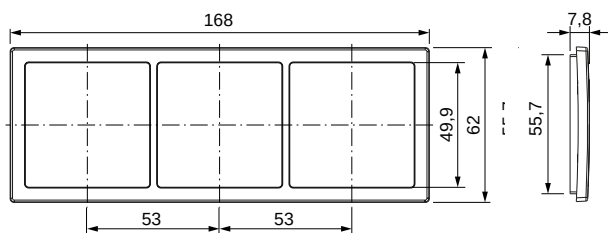
20071



20072

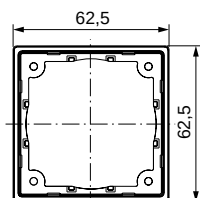


20073

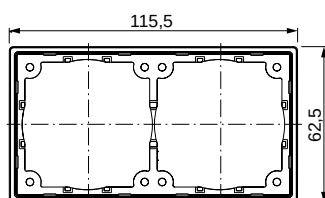


DISTANCE FRAMES

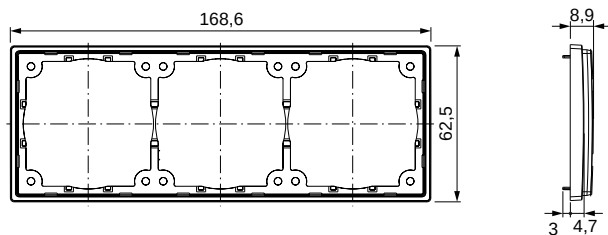
20061/3



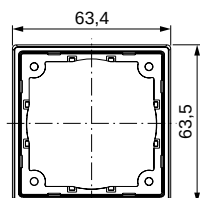
20062/3



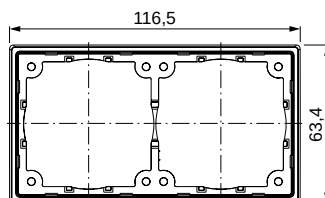
20063/3



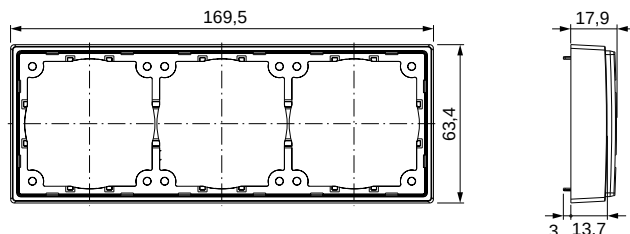
20061/12



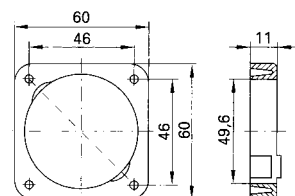
20062/12



20063/12



10061



Installation should only be done by people with relevant electrotechnical knowledge and experience.

Incorrect installation will endanger:

- Your own life.
- The life of users of the electrical system.

With improper installation, you risk serious personal injury and property damage, e.g. fire.
You are personally liable for personal injury and property damage.

SWITCHES | PUSHBUTTONS

20196 (/1,/2,/6) (12V LED, 230V LED)

20705 (/1,/2,/5,/6) (12V LED, 230V LED)

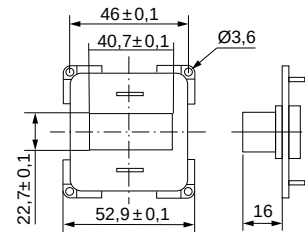
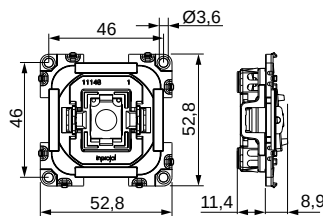
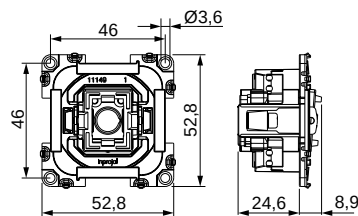
20520 (/2) (GL,K) (12V LED, 230V LED)

20328/1D

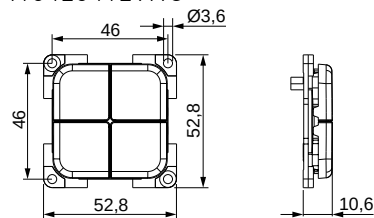
20510 (D)

20710

2148 TS



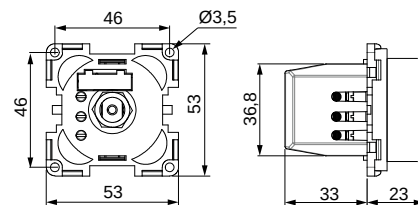
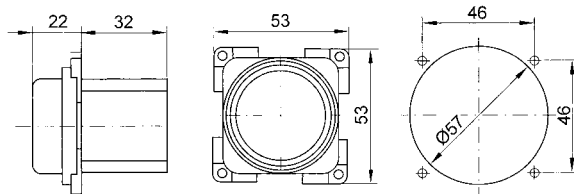
I10420412VHG



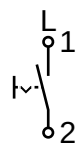
DIMMERS

10055/(200,350)

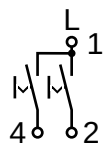
10050/(10,35 LED,100) | 10058/(30,70) LED



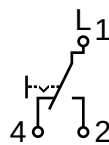
CIRCUIT DIAGRAMS



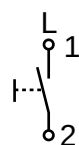
20710/1



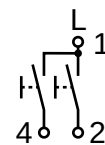
20710/5



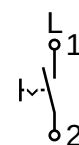
20710/6



20510



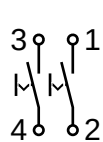
20510 D



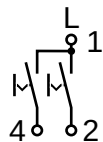
20705/1



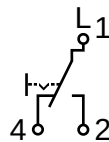
20705/2
20520/2



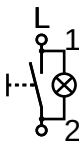
20705/4



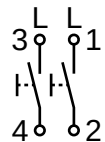
20705/5



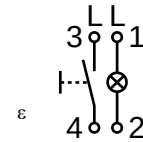
20705/6



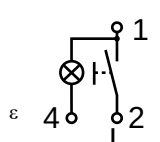
20520



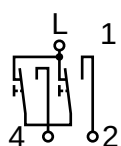
20520D



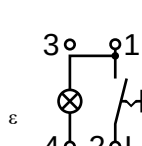
20520GL 230V LED
20520GL 12V LED



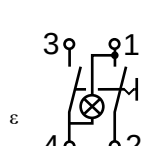
20520K 230V LED
20520K 12V LED



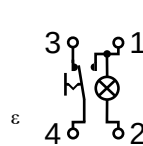
20328/1D



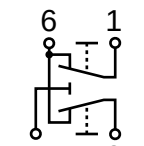
20196/1 230V LED
20196/1 12V LED



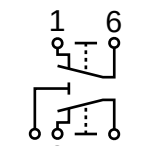
20196/2 230V LED
20196/2 12V LED



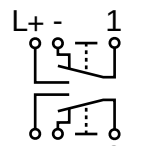
20196/6 230V LED
20196/6 12V LED



2147TS 12V DC



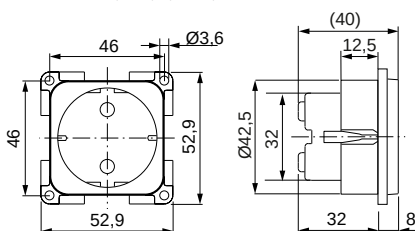
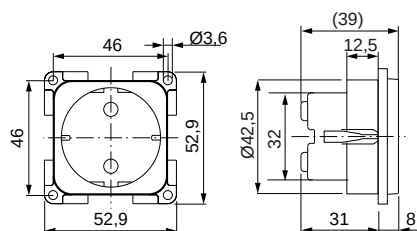
2148TS 12V DC



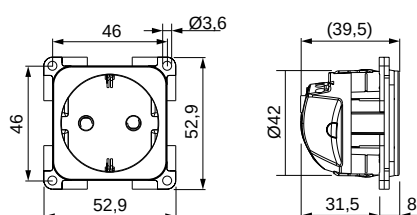
2149TS 12V DC

SOCKETS

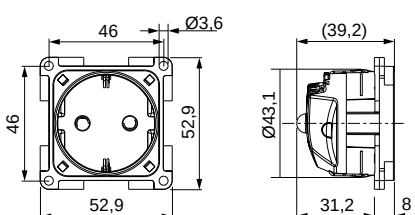
10020 K (35) (OR)



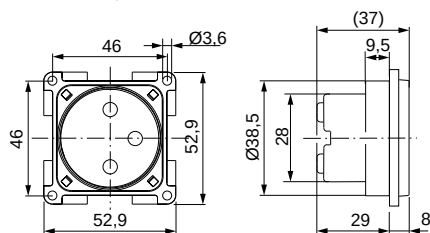
10020 (K) (35) (SL,SR) (OR)



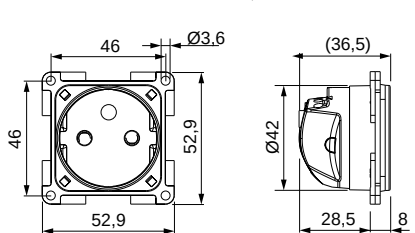
10020 (K) (35) ASL (OR)



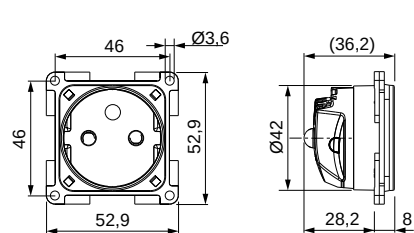
10020 (F,KBE) 35 (OR)



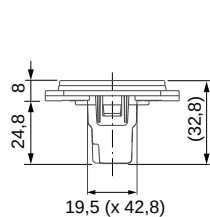
10020 (K) BE 35 (SL,SR) (OR)



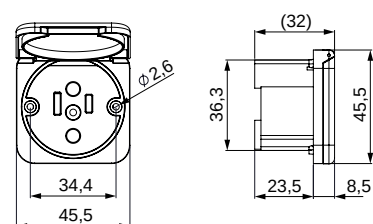
10020 (K) BE 35 ASL (OR)



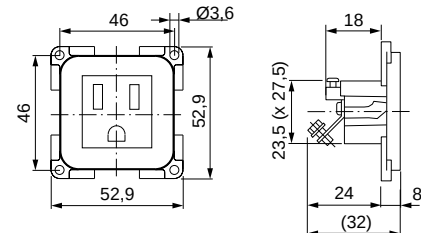
10020 K | 35 (OR) | 10020 EA 35 (OR)



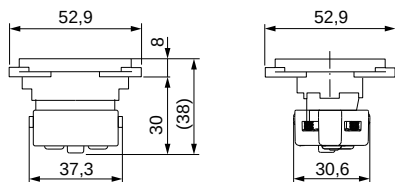
900191



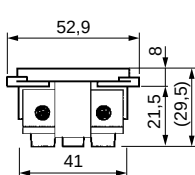
10020 (35) US (OR) (V0)



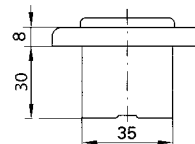
1002013 CH SR



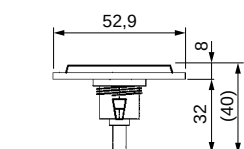
10220 GB



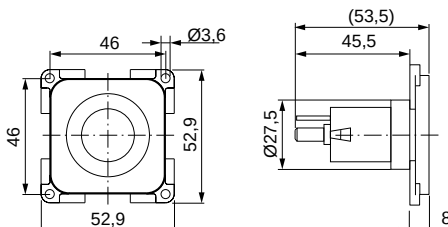
10020(/15) (35) AUS



10021 35 (OR)

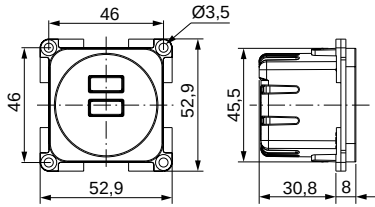


10022

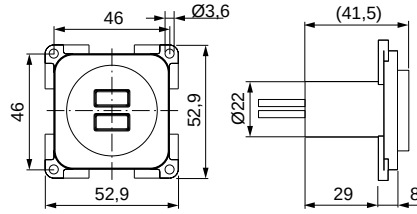


USB CHARGERS

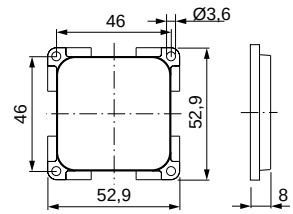
10020 2 USB 230V ...



10020 (2)USB 12V (3A) ...

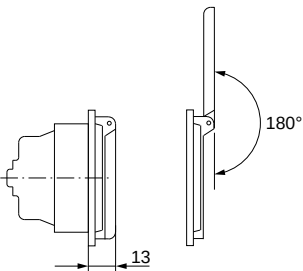


10015 | 10048/(1,2) (HG)

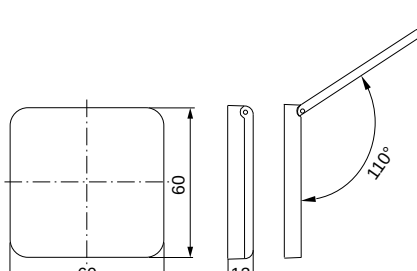


HINGED COVERS

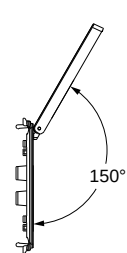
10020 (K) (BE,F,US) 35 (SL,SR) KLF



60 KLF

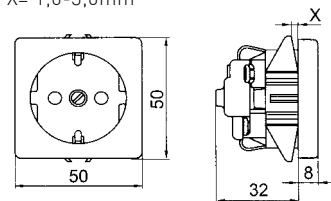


20035 KLF

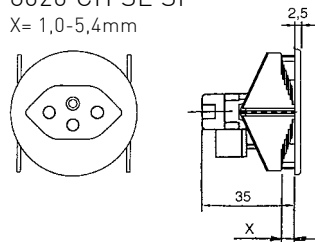


SNAP-IN

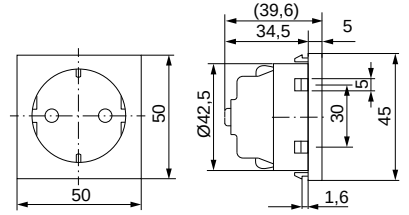
10020 SI
X= 1,0-3,0mm



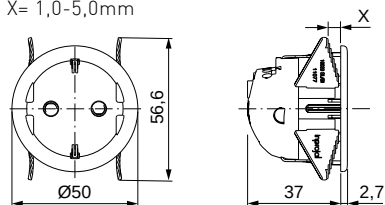
8020 CH SL SI
X= 1,0-5,4mm



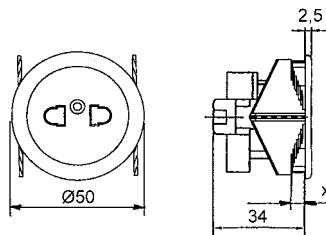
103201



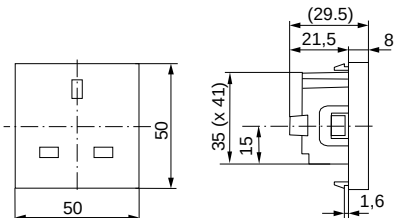
10020 (K) (SL,SR) SI
X= 1,0-5,0mm



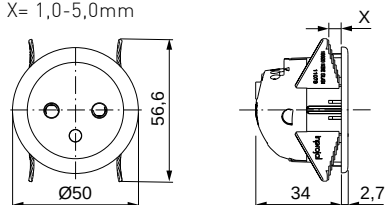
8060 EA SR SI
X= 1,0-5,4mm



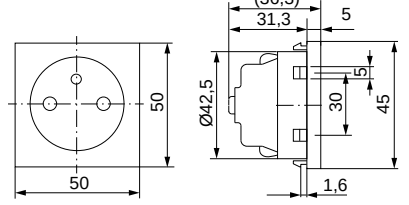
103201 GB



10020 (K) BE (SL,SR) SI
X= 1,0-5,0mm



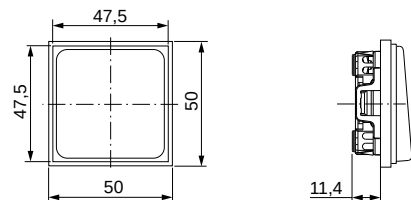
103201 K BE



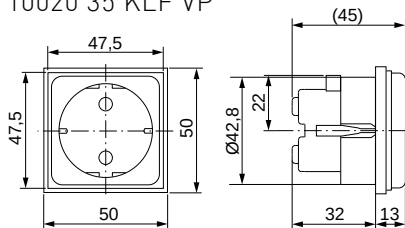
TECHNICAL INFORMATION

VP - FOR USE IN PROFILE RAILS

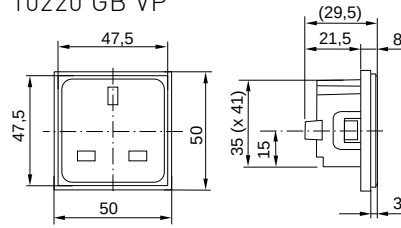
10710/1 VP



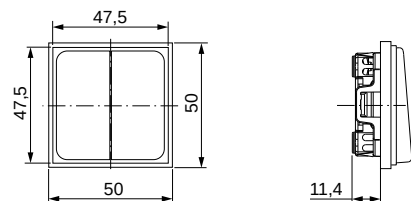
10020 35 KLF VP



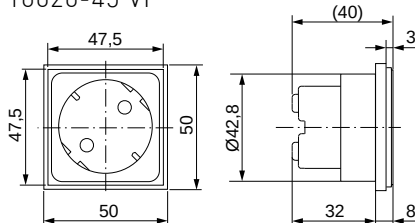
10220 GB VP



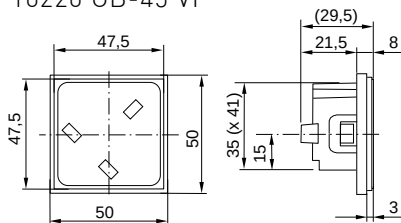
10710/5 VP



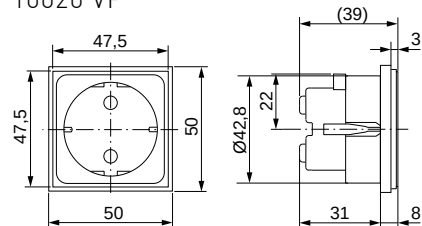
10020-45 VP



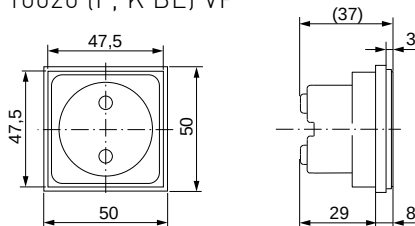
10220 GB-45 VP



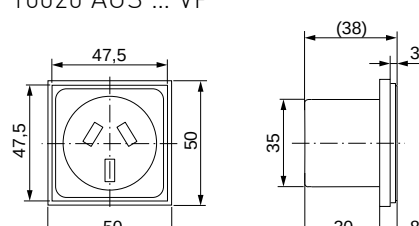
10020 VP



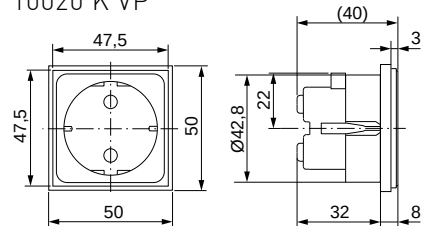
10020 (F, K BE) VP



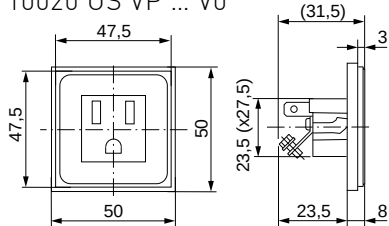
10020 AUS ... VP



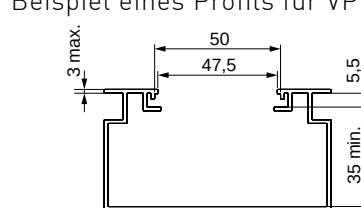
10020 K VP



10020 US VP ... V0

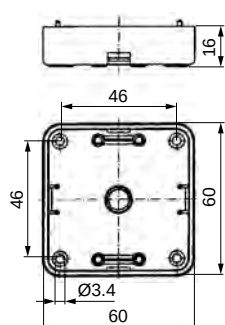


Beispiel eines Profils für VP

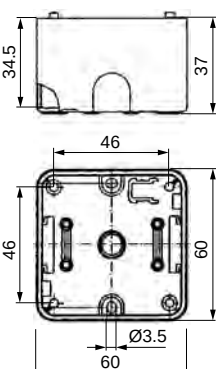


SURFACE MOUNTING BOXES

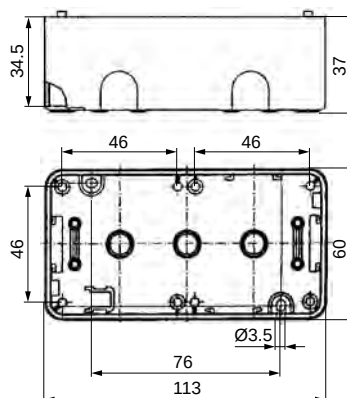
10051/16 HG



10051 HG

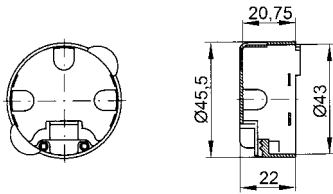


10052 HG

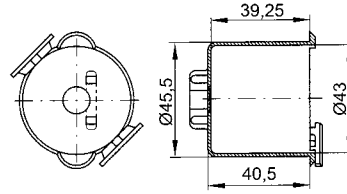


INSULATION BOXES

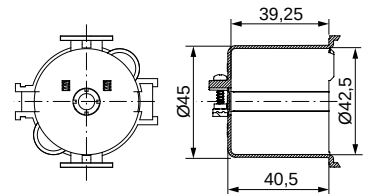
D45 / 10 ZR



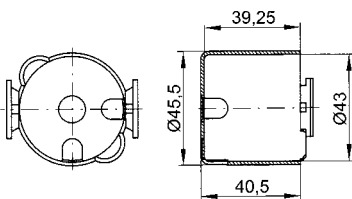
D45 ZR



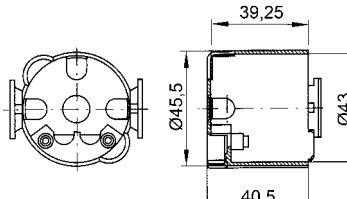
KD 45 ZR



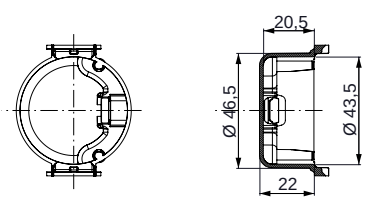
D45 R



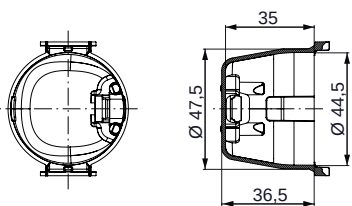
D45 SZR2



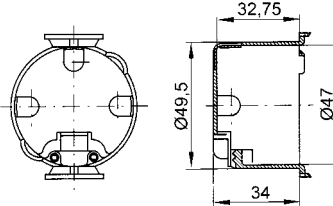
D46 / 22 ZR



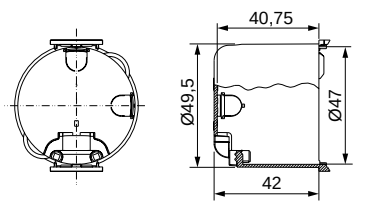
D47 ZR



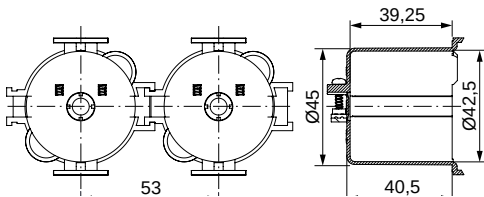
D50 ZR



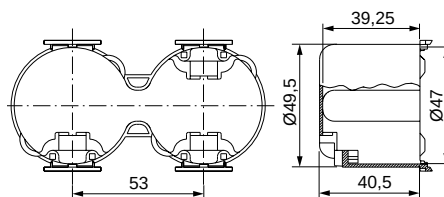
D50 42 ZR



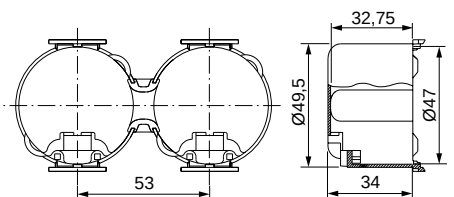
KD 245 ZR



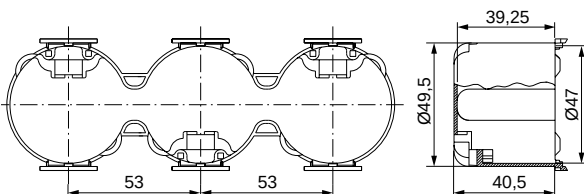
D 250 ZR



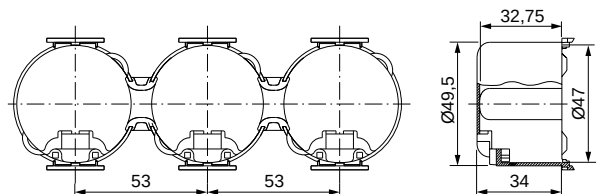
KD 250 ZR



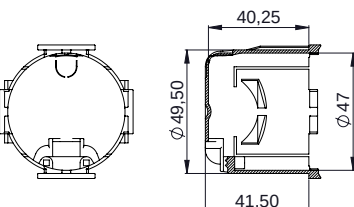
D 350 ZR



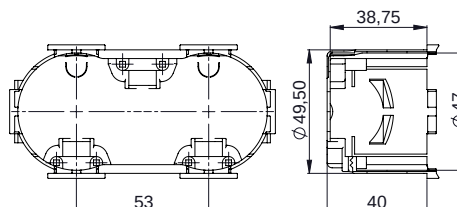
KD 350 ZR



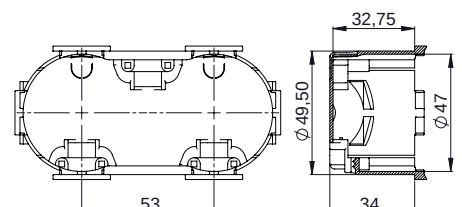
D 50/42 ZR SI 16



D2 50/40 ZR SI 16



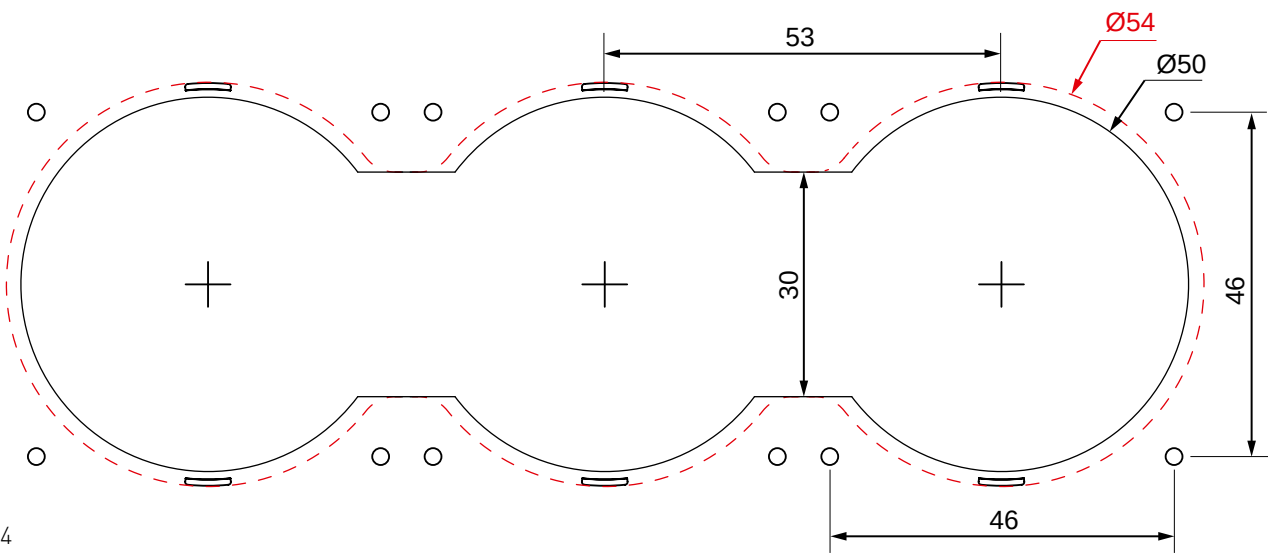
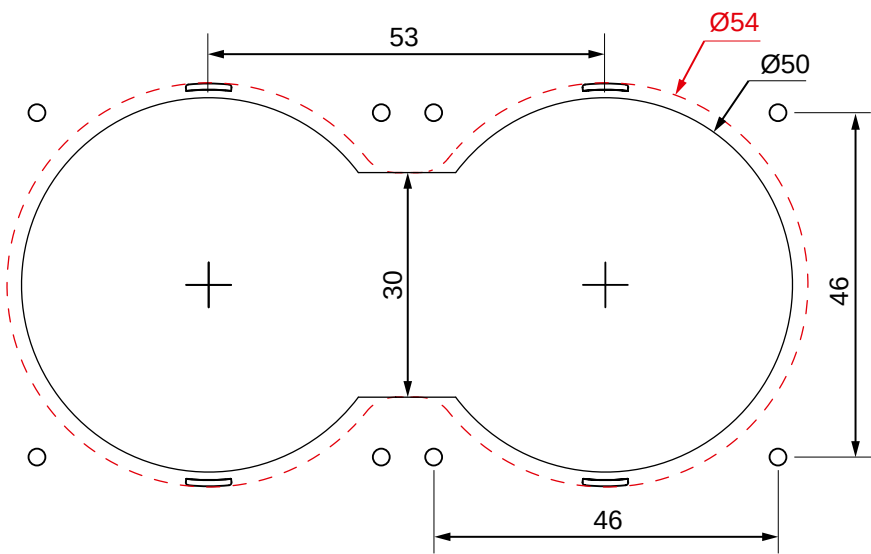
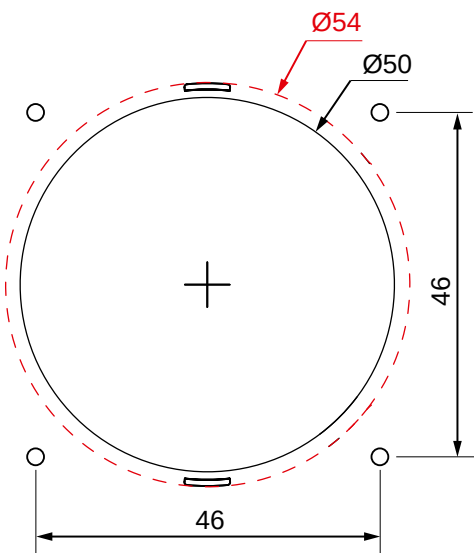
D2 50/34 ZR SI 16



TECHNICAL INFORMATION

DRILL PATTERN

Ø54 = System 20.000 with distance frame with centring aid



SCREWS



12 mm	Art.No.: 72612
15 mm	Art.No.: 72613
25 mm	Art.No.: 72614

mounting holes for
countersunk screws
diameter of head 5 mm
shaft diameter 3mm

1:1

INDEX

10000 ...	11	10020 K BE 35 KLF WG...	27	10048 KLI 35 01 ...	42	20520 D	5
10000 K ...	11	10020 K BE 35 OR ...	23	10048 KLI 35 02 ...	42	20520 GL 12 V LED	6
10002 ...	11	10020 K BE 35 SL ...	13	10048 R 01 ...	43	20520 GL 230 V LED	5
10002 K ...	11	10020 K BE 35 SL KLF ...	13	10048 SVI 01 ...	42	20520 K 12 V LED	6
10002 K OA ...	11	10020 K BE 35 SL KLF WG...	27	10048 SVI 02 ...	42	20520 K 230 V LED	5
10005 ...	11	10020 K BE 35 SL OR ...	23	10048 TV 01 ...	43	20705/1	4
10005 J ...	11	10020 K BE 35 SR ...	13	10048 USB AA2 01 ...	41	20705/2	4
10015 ...	16, 44	10020 K BE 35 SR KLF ...	13	10048 USB AA3 01 ...	41	20705/4	4
10015/12,5 VP ...	38	10020 K BE 35 SR KLF WG...	27	10048 USB AA3 02 ...	41	20705/5	4
10015/25 VP ...	38	10020 K BE 35 SR OR ...	23	10048 USB BB2 01 ...	41	20705/6	4
10015/50 VP ...	38	10020 K BE SL SI ...	33	10050 ...	7	20710/1	4
10015/100 VP ...	38	10020 K BE SR SI ...	33	10050/10	7	20710/5	4
10015 HG ...	44	10020 K BE VP ...	37	10050/35 LED	7	20710/6	4
10016/25 ...	34	10020 K I 35 ...	14	10050/100	7	2147 TS ...	6
10016/50 ...	34	10020 K I 35 OR ...	24	10051/16 HG ...	16	2148 TS ...	6
10020 ...	12	10020 K I 35 VP 91 ...	37	10051 HG ...	16	2149 TS ...	6
10020 2USB 12V ...	15	10020 K SL ...	12	10051Z HG ...	16	30000 TS...	6
10020 2USB 12V KLF...	15	10020 K SL SI ...	33	10052 HG ...	16	30420 12V ...	6
10020 2USB 12V OR...	26	10020 K SR ...	12	10055/200	7	35 KLF WG ...	27
10020 2 USB 230V ...	15	10020 K SR SI ...	33	10055/350	7	60 KLF ...	16
10020 2 USB 230V OR...	26	10020 SI ...	33	10058/30 LED	7	8020 CH SL SI ...	33
10020 2 USB 230V VP...	36	10020 SL ...	12	10058/70 LED	7	8060 EA SR SI ...	33
10020 35 ...	12	10020 SL SI ...	33	10060 35 ...	14	900191 ...	16
10020 35 ASL ...	12	10020 SR ...	12	10061 ...	16	D2 50/34 ZR SI 16	31
10020 35 ASL OR ...	22	10020 SR SI ...	33	10071 ...	10	D2 50/40 ZR SI 16	31
10020 35 KLF ...	12	10020 USB 12V 3A ..	15	10072 ...	10	D45 / 10 ZR	28
10020 35 KLF VP 91 ...	36	10020 USB 12V 3A KLF...	15	10073 ...	10	D45 R	28
10020 35 KLF WG...	27	10020 USB 12V 3A OR...	26	10171 ...	10	D45 SZR2	28
10020 35 OR ...	22	10020 US KLF ... V0	14	10172 ...	10	D45 ZR	28
10020 35 SL ...	12	10020 US OR ... V0	24	10173 ...	10	D46 / 22 ZR	29
10020 35 SL KLF ...	12	10020 US ... V0	14	10220 GB ...	14, 25	D47 ZR	29
10020 35 SL KLF WG...	27	10020 US VP ...	38	10220 GB-45 VP ...	37	D50 42 ZR	28
10020 35 SL OR ...	22	10020 VP ...	36	10220 GB VP ...	37	D 50/42 ZR SI 16	31
10020 35 SR ...	12	10020/13 CH SR OR...	24	103201 ...	34	D50 ZR	28
10020 35 SR KLF ...	12	10020/15 AUS ...	14, 25	103201 GB ...	34	D 250 ZR	30
10020 35 SR KLF WG...	27	10020/15 AUS OR ...	24	103201 GB-45 ...	34	D 350 ZR	30
10020 35 SR OR ...	22	1002013 CH SR ...	14	103201 K BE ...	34	D 10020 Z	33
10020 35 US ...	14	10021 35 ...	15	10420412VHG...	6	KD 45 ZR	29
10020-45 ...	12	10021 35 OR ...	26	10510 VP 91 ...	36	KD 245 ZR	29
10020-45 OR ...	22	10022 35...	15	10705/6 WG ...	27	KD 250 ZR	30
10020-45 VP ...	36	10022 35 OR ...	26	10710/1 VP 91 ...	36	KD 350 ZR	30
10020 AUS ...	14, 25	10023 35...	15	10710/1 WG ...	27		
10020 AUS OR ...	24	10023 35 OR ...	26	10710/5 VP 91 ...	36		
10020 AUS VP ...	38	10025 35 ...	15	10710/6 WG ...	27		
10020 BE 35 SL ...	13	10025 35 OR ...	26	20000 ...	21		
10020 BE 35 SL KLF ...	13	10048/1 ...	39	20000 K ...	21		
10020 BE 35 SL KLF WG...	27	10048/1 HG ...	39	20000 TS ...	6		
10020 BE 35 SL OR ...	23	10048/2 ...	39	20002 ...	21		
10020 BE 35 SR ...	13	10048/2 HG ...	39	20002 K ...	21		
10020 BE 35 SR KLF ...	13	10048 15 3ANT ...	45	20005 ...	21		
10020 BE 35 SR KLF WG...	27	10048 15 3RCA ...	45	20005 J ...	21		
10020 BE 35 SR OR ...	23	10048 15 DVI ...	45	20035 ...	22, 23, 24, 26		
10020 BE SL SI ...	33	10048 15 HDMI ...	45	20035 KLF ...	22, 23, 24, 26		
10020 BE SR SI ...	33	10048 15 KP DVI ...	44	20048 ...	7, 25		
10020 CH SR VP 91 ...	37	10048 15 KP HDMI ...	44	20061/3 ...	20		
10020 EA 35 ...	14	10048 15 KP VGA ...	44	20061/12 ...	20		
10020 EA 35 OR...	24	10048 15 KP VGA K ...	44	20062/3 ...	20		
10020 F 35 ...	13	10048 15 VGA ...	45	20062/12 ...	20		
10020 F 35 KLF ...	13	10048 15 XCR ...	45	20063/3 ...	20		
10020 F 35 OR ...	23	10048 BAN 01 ...	43	20063/12 ...	20		
10020 F 35 VP 91 ...	37	10048 BLIND ...	43	20071 ...	20		
10020 K 35 ...	12	10048 BNC 01 ...	42	20072 ...	20		
10020 K 35 KLF ...	12	10048 CAT6 01 M	40	20073 ...	20		
10020 K 35 OR ...	22	10048 CAT6 03 ...	40	20196/1 12 V LED	6		
10020 K 35 SL ...	12	10048 CAT6 04 ...	40	20196/1 230V LED	4		
10020 K 35 SL KLF ...	12	10048 CAT6A 01 M	40	20196/2 12 V LED	6		
10020 K 35 SL OR ...	22	10048 CAT6A 02 M	40	20196/2 230V LED	4		
10020 K 35 SR ...	12	10048 CAT6A 05 M	40	20196/6 12 V LED	6		
10020 K 35 SR KLF ...	12	10048 Cinch 01	42	20196/6 230V LED	4		
10020 K 35 SR OR ...	22	10048 Cinch 02 ...	42	20328/1D	5		
10020 K 35 VP 91 ...	36	10048 F 01 ...	43	20510	5		
10020 KALT ...	15	10048 FW 01 ...	41	20510 D	5		
10020 K BE 35 ...	13	10048 FW 03 ...	41	20520	5		
10020 K BE 35 KLF ...	13	10048 HDMI 01 ...	42	20520/2	5		

WHO WE ARE

inprojal – a strong partner for your special electrotechnical product needs.

Special needs call for customised solutions.

Working from this premise, we have combined our detailed knowledge and many years of experience to become experts in special electrical installation applications.

The products we develop and produce use state-of-the-art technology, are easy to install, and provide users an extra measure of convenience, safety and energy efficiency.

Our business is focussed on two main segments: control equipment for home automation and special switching systems.

In the market segments we focus on, we are among the leaders in technology and innovation. High quality standards and expert customer advice complement each other.

You're in good hands with the specialists.

Subject to technical alterations.

All information is supplied without guarantee.

**Our terms and conditions apply to all services.
Please, find a current version of our terms and conditions on the internet www.inprojal.de**

inprojal elektrosysteme GmbH

Kerkhagener Weg 4

D-58513 Lüdenscheid

PO box 24 48

D-58474 Lüdenscheid

Phone: +49 (0) 2351/6633-300

Fax: +49 (0) 2351/6633-330

E-Mail: info@inprojal.de

www.inprojal.de