

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



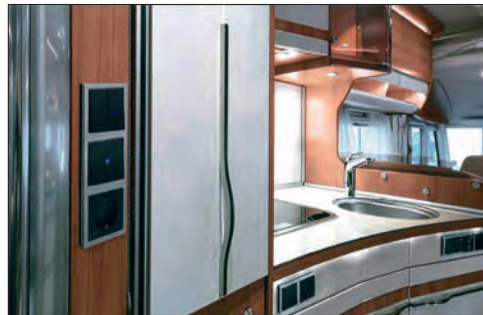
value.
for.
money.

BUILT-IN PROGRAMS

system 10.000 & system 20.000

SWITCHES AND SOCKETS

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











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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
	11	+	20710/1	20/400
	25	+	20705/1	10/200
	11	+	20710/6	20/400
	25	+	20705/6	10/200
<i>for rocker 10000 20000 ...</i>				
	25	+	20705/2	10/200
	<i>for rocker 0 1 coded 10002 20002 ...</i>			
	25	+	20196/1 230V LED	10/200
	25	+	20196/6 230V LED	10/200
<i>for rocker with lens 10000 K 20000 K ...</i>				
	25	+	20196/2 230V LED	10/200
	<i>for rocker with lens 0 1 coded 10002 K 20002 K ...</i>			
	11	+	20710/5	20/400
	25	+	20705/5	10/200
<i>for series switch rocker 10005 20005 ...</i>				
	25	+	20705/4	10/200
	<i>for series switch rocker 10005 20005 ...</i>			


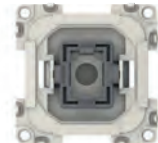
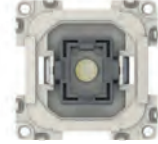
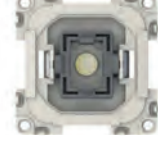
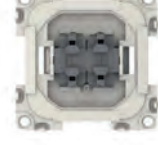
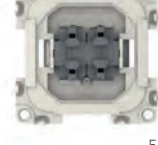
 SR = screw terminal

PUSHBUTTONS

250 V ~ | 10 A

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

inprojal
elektrosysteme 

	installation depth (mm)	SR	ITEM NO.	VPE
	11	+	20510	20/400
	<i>for rocker 10000 20000 ...</i>			
	25	+	20520	10/200
	25	+	20520/2	10/200
<i>for rocker 10000 20000... with lens 10000 K 20000 K ...</i>				
	25	+	20520 GL 230 V LED	10/200
	<i>for rocker with lens 10000 K 20000 K ...</i>			
	25	+	20520 K 230 V LED	10/200
	<i>for rocker with lens 10000 K 20000 K ...</i>			
	11	+	20510 D	20/400
	25	+	20520 D	10/200
<i>for series switch rocker 10005 20005 ...</i>				
	25	+	20328/1D	10/200
	<i>for series switch rocker with print 10005 J 20005 J ...</i>			

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 ...

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



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 ...

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

-	30000 TS...	●	●		20/900
---	-------------	---	---	--	--------



rocker system 20.000
customised print available
satin-finished surfaces
for shortstroke pushbutton 2147 TS | 2148 TS | 2149 TS

-	20000 TS ...	●	●	●	20/900
---	--------------	---	---	---	--------



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 ...

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	black	VPE
32	10055/200			1
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	10055/350			1
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				
33	10050/100			1
leading edge dimmer for incandescent lamps high voltage halogen lamps connected load 25 - 100 W supply voltage 230V / 50Hz				
33	10050/35 LED			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	10058/30 LED			1
33	10058/70 LED			1
LED dimmer for 12V DC DC dimmer with pulse width modulation for LED incandescent lamps halogen lamps connected load 0 - 30 W connected load 0 - 70 W				
33	10050/10			1
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				
-	10050 ...	●	●	10/150
cover for dimmer system 10.000 consisting of cover plate and rotary knob				
-	20048 ...	●	●	20/900
adapter frame integration into the System 20.000				



not suitable for
insulation boxes



suitable for
insulation box D45ZR



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	GHS
------------------------------	------------

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

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	
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

special colours MOQ upon request

all frames
upon request
available in
white & black
high gloss
10

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

	installation depth (mm)	child protection	item no.	STRUCTURED							SMOOTH			VPE
				W	SCH	SGR	G	ACG	BR	SMS	GMS	GHS		
	31	⊕	10020 ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊕	10020 SR ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊖	10020 SL ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊕	10020 K SR ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊖	10020 K SL ...	●	●	●	●	●	●	●	●	●	10/200	
	31	⊕	10020 35 ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊕	10020 35 SR ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊖	10020 35 SL ...	●	●	●	●	●	●	●	●	●	10/200	
	31	⊖	10020 35 ASL ...	●	●	●	●	●	●	●	●	●	10/200	
	31	⊕	10020 35 KLF ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊕	10020 35 SR KLF ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊖	10020 35 SL KLF ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊕	10020 K 35 ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊕	10020 K 35 SR ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊖	10020 K 35 SL ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊕	10020 K 35 KLF ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊕	10020 K 35 SR KLF ...	●	●	●	●	●	●	●	●	●	10/200	
	32	⊖	10020 K 35 SL KLF ...	●	●	●	●	●	●	●	●	●	10/200	
	31	⊕	10020-45 ...	●	●								10/200	

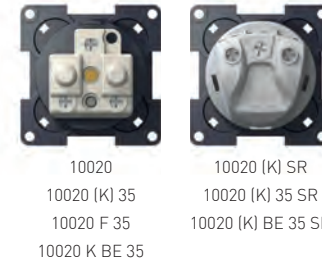
⊕ = child protection (shutter) | ⊕ SR = screw terminals | ⊖ SL = plug in terminals

INTERNATIONAL SOCKETS WITH EARTH PIN 250 V ~ | 16 A



REAR VIEW

SCREW TERMINALS | SR



PLUG IN TERMINALS | SL

















	installation depth (mm)	child protection (shutter)	item no.	STRUCTURED							SMOOTH			VPE
				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	

galvanised variants with black sockets | special colours MOQ upon request

INTERNATIONAL SOCKETS

INTERNATIONAL SOCKETS SPECIAL SOCKETS

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

	power supply	installation depth (mm)	child protection (shutter)	item no.	STRUCTURED						VPE
					W	SCH	SGR	G	ACG	BR	
	250V - 10A	31		10020 KALT ...		●					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...	●	●	●				10/200
	power socket 12 V = flat contacts 6,3 mm 6-24 V = 10 A installation depth 48 mm without plug	48		10023 35...		●					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 USB charger 1x 3 A 12-24 V in 2 connection cables 70 mm USB 5V = out according to IEC 62368 E1 approval	30		10020 2USB 12V ...	●	●	●				10/200
		30		10020 USB 12V 3A ..	●	●	●				10/200
	USB charger 2x 2,5 A 12-24 V in USB charger 1x 3 A 12-24 V in 2 connection cables 70 mm USB 5V = out, with hinged cover according to IEC 62368 E1 approval	30		10020 2USB 12V KLF...	●	●	●				10/200
		30		10020 USB 12V 3A KLF...	●	●	●				10/200

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

single, flat, W60 x L60 x H16 mm
for flat switches with 11mm installation depth
surface high gloss

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

surface high gloss

item no.	white W	black SCH	slate grey SGR	grey G	agate grey ACG	brown BR	chrome matt SMS	chrome matt GMS	chrome high-gloss GHS	VPE
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 20.000




DESIGN










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



system 20.000

THE COLOUR COMBINATIONS

	W	SGR	SCH	frames high gloss satin-finished W = white (RAL 9010) SGR = slate grey (RAL 7016) SCH = black (RAL9005)
W				
SGR				
SCH				frames with galvanised surfaces GHS = chrome high gloss GQS = chrome matt finish GMS = alu matt finish

	GHS	GQS	GMS
W			
SGR			
SCH			

COLOURS | SURFACES | MATERIALS



WHITE	W	BLACK	SCH	SLATE GREY	SGR
SATIN-FINISHED		SATIN-FINISHED		SATIN-FINISHED	
similar to RAL 9010		similar to RAL 9005		similar to RAL 7016	

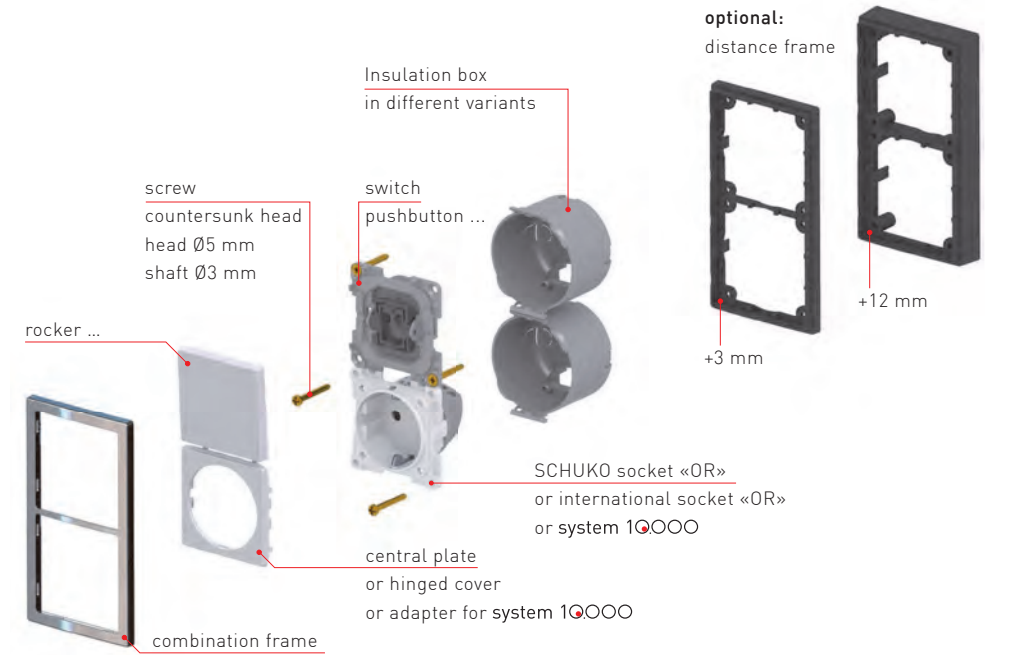
GALVANISED FRAMES



CHROME	GHS	CHROME	GQS	ALU	GMS
HIGH GLOSS		MATT FINISH		MATT FINISH	
SMOOTH		SMOOTH		SMOOTH	

IN 20.000 DESIGN!

HOW TO USE



optional: distance frame

Insulation box in different variants

screw countersunk head head Ø5 mm shaft Ø3 mm

switch pushbutton ...

+12 mm

+3 mm

rocker ...

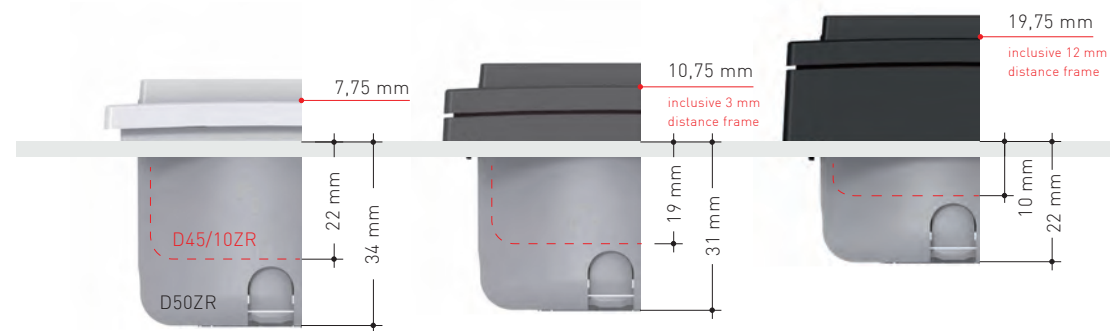
SCHUKO socket «OR» or international socket «OR» or system 10.000

central plate or hinged cover or adapter for system 10.000

combination frame

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

DEGREE OF PROTECTION IP20



7,75 mm

10,75 mm inclusive 3 mm distance frame

19,75 mm inclusive 12 mm distance frame

22 mm

34 mm

19 mm

31 mm

10 mm

22 mm

D45/10ZR

D50ZR



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



item no.	white SATIN			black HIGH GLOSS			slate grey SMOOTH			VPE
	W	SCH	SGR	W	SCH	SGR	GHS	GOS	GMS	
COMBINATION FRAME										
single 62 x 62mm	●	●	●	●	●	●	●	●	●	20/600
double 62 x 115mm	●	●	●	●	●	●	●	●	●	10/300
triple 62 x 168mm	●	●	●	●	●	●	●	●	●	10/400
DISTANCE FRAME 3MM										
single 62,5 x 62,5mm	●	●	●							20/600
double 62,5 x 115,5mm *	●	●	●							10/300
triple 62,5 x 168,5mm *	●	●	●							9/90
<i>* only for use with single insulation box</i>										
DISTANCE FRAME 12MM										
single 63,4 x 63,4mm	●	●	●							10/300
double 63,4 x 116,4mm *	●	●	●							5/150
triple 66,4 x 169,4mm *	●	●	●							10/200
<i>* only for use with single insulation box</i>										

ROCKERS FOR SWITCHES | PUSHBUTTONS

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



SOCKETS «OR» (WITHOUT CENTRAL PLATE)

250 V ~ | 16 A

ACCORDING TO DIN VDE 0620-1

For system 2G000 you need:



+



or



device «OR»

central plate

hinged cover



central plate
for sockets + devices „OR”



hinged cover
for sockets + devices „OR”



SCHUKO
with child protection (shutter)



SCHUKO | socket 45°



SCHUKO



SCHUKO
with child protection (shutter)

	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
SCHUKO	31	⊕			10020 35 OR ...	●	●	●	10/200
SCHUKO with child protection (shutter)	31	⊕	⊗		10020 K 35 OR ...	●	●	●	10/200
SCHUKO socket 45°	31	⊕			10020-45 OR ...	●	●	●	10/200
SCHUKO	32	⊕			10020 35 SR OR ...	●	●	●	10/200
	32	⊕			10020 35 SL OR ...	●	●	●	10/200
	31	⊕			10020 35 ASL OR ...	●	●	●	10/200
SCHUKO with child protection (shutter)	32	⊕	⊗		10020 K 35 SR OR ...	●	●	●	10/200
	32	⊕	⊗		10020 K 35 SL OR ...	●	●	●	10/200

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

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)	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
Belgian French Standard socket with earth pin 250 V ~ 16 A with child protection (shutter)	28	⊕	⊗		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	⊕	⊗		10020 K BE 35 SR OR ...	●	●	●	10/200
	29	⊕	⊗		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

special colours MOQ upon request



INTERNATIONAL SOCKETS «OR»





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

operation only with isolating transformer

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

INTERNATIONAL SOCKETS "FULL PLATE"



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














special colours MOQ upon request

SPECIAL SOCKETS «OR»

IP44 SPLASH PROOF DEVICES WITH SEAL KIT

SUITABLE FOR FRAMES
SYSTEM 10.000 | SOFTLINE

	installation depth (mm)	SL	SR	item no.	SATIN			VPE
					W	SCH	SGR	
				20035 ...	●	●	●	20/900
central plate for sockets + devices „OR”								
				20035 KLF ...	●	●	●	40/800
hinged cover for sockets + devices „OR”								
	32	+		10020 2 USB 230V OR...	●	●	●	10/200
USB charger 230 V - in 2x USB 5V = out 2,1 A according to IEC 62368								
	30			10020 2USB 12V OR...	●	●	●	10/200
USB charger 2x 2,5 A 12-24 V in								
	30			10020 USB 12V 3A OR...	●	●	●	10/200
USB charger 1x 3 A 12-24 V in 2 connection cables 70 mm USB 5V = out according to IEC 62368 E1 approval				insert only in black				
	33			10021 35 OR ...	●	●	●	10/200
socket 12 V = flat contacts 6,3 mm 6-24 V = 10 A installation depth 33 mm without plug				insert in black				
	48			10022 35 OR ...	●	●	●	10/200
power socket 12 V = flat contacts 6,3 mm 6-24 V = 20 A installation depth 48 mm without plug				insert chrome green				
	48			10023 35 OR ...	●	●	●	10/200
power socket 12 V = flat contacts 6,3 mm 6-24 V = 10 A installation depth 48 mm without plug				insert in black				
	48			10025 35 OR ...	●	●	●	10/200
power socket 12 V = flat contacts 6,3 mm 6-24 V = 10 A installation depth 48 mm without plug				insert in black				

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

K = child protection (shutter) | + SR = screw terminals | - SL = plug in terminals

special colours MOQ upon request

INSULATION BOXES

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

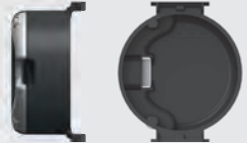

I In case of installation in flammable surfaces the usage of insulation boxes is strictly necessary.
• Our systems are not suitable for flush mounting.

I insulation boxes on this page suitable for:
system 1Q000 / Softline
system 2Q000 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



I insulation boxes on pages 29, 30 and 31 suitable for:
system 1Q000 / Softline
system 2Q000 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

		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

NEW

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
<hr/>			
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	42	D 50/42 ZR SI 16	100
<hr/>			
strain relief at the side <i>switches pushbuttons</i>			
<hr/>			
snap-in - insulation box, double Ø50mm	34	D2 50/34 ZR SI 16	50
snap-in - insulation box, double Ø50mm for 16mm wall thickness	40	D2 50/40 ZR SI 16	50
<hr/>			
strain relief at the side 3x two additional rated break holes <i>switches pushbuttons</i>			



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.

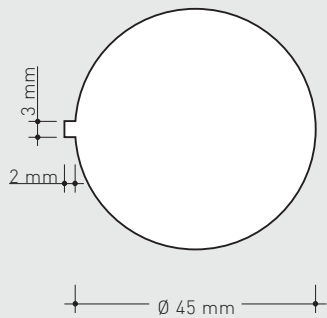
More and more machinery and equipment manufacturers eliminate such problems with system components from inprojal – an economical and convenient way to provide substantial added value for their customers.

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.



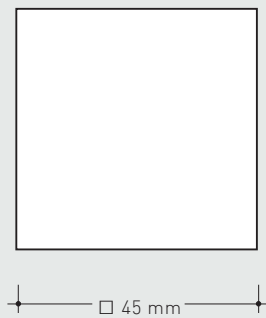
SNAP-IN

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 W SCH	black SCH	VPE
SCHUKO according to DIN VDE 0620-1 250 V - 16 A without with child protection (shutter) wall thickness 1,0-5,0 mm, high gloss surface	37		⊕	10020 SR SI ...	●	●	10/150
	37	⊗	⊕	10020 K SR SI ...	●	●	10/200
	37		⊖	10020 SL SI ...	●	●	10/150
	37	⊗	⊖	10020 K SL SI ...	●	●	10/200
Belgian French Standard socket with earth pin 250 V - 16 A without with child protection (shutter) wall thickness 1,0-5,0 mm, high gloss surface	37		⊕	10020 BE SR SI ...	●	●	10/200
	37	⊗	⊕	10020 K BE SR SI ...	●	●	10/200
	37		⊖	10020 BE SL SI ...	●	●	10/200
	37	⊗	⊖	10020 K BE SL SI ...	●	●	10/200
protection cap with strain relief	39			D 10020 Z			10/200
<i>only for SL variants above</i>							
Swiss Standard type 13 according to SEV 250 V - 10 A wall thickness 5,0-5,4 mm high gloss surface	35		⊖	8020 CH SL SI ...	●	●	10/200
Euro-American 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	34		⊕	8060 EA SR SI ...	●		10/200
SCHUKO with square cover according to DIN VDE 0620-1 250 V - 16 A wall thickness 1,0-3,0 mm, structured surface	32		⊕	10020 SI ...	●	●	10/200



SNAP-IN 320 SOCKETS

FOR INSTALLATION IN SQUARE CUT-OUTS

VP FOR USE IN PROFILE RAILS

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

⊗ = child protection (shutter) | ⊕ SR = screw terminals | ▼ SL = plug in terminals

INDIVIDUAL SOCKET STRIPS

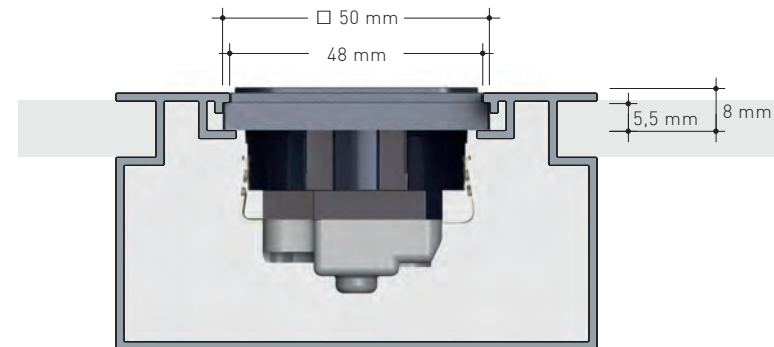
Our diverse range of products helps customisation: any combination of switches, sockets and signal taps can be integrated into profiles and control panels, making customised solutions the norm.

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.




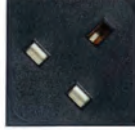

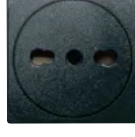


10.000 VP SWITCHES | SOCKETS



	child protection (shutter)	SL	SR	item no.	W	STR.	SCH	white	black	VPE
		+		10710/1 VP 91 ...	●	●				10/200
1-pole 250V- 16A										
		+		10510 VP 91 ...			●			10/200
1-pole 250V- 16A										
		+		10710/5 VP 91 ...	●	●				10/200
2x switch 1-pole 250V- 16A										
		+		10020 VP ...	●	●				10/200
according to DIN VDE 0620-1	Ⓚ									
250 V - 16 A		+		10020 K 35 VP 91 ...	●	●				10/200
without with child protection (shutter)										
		+		10020 35 KLF VP 91 ...	●	●				10/200
according to DIN VDE 0620-1										
250 V - 16 A										
with hinged cover										
		+		10020-45 VP ...	●	●				10/200
according to DIN VDE 0620-1										
250 V - 16 A										
	32	+		10020 2 USB 230V VP...	●	●				10/200
110 V - to 240 V - in										
2x USB 5V = out 2,1 A										
according to IEC 62368										

Ⓚ = child protection (shutter) | + SR = screw terminals | SL = plug in terminal

10.000 VP INTERNATIONAL SOCKETS





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

10.000 VP INTERNATIONAL SOCKETS

		child protection (shutter) SL	item no.	white W	black SCH	VPE
	US Standard 125 V - 15 A NEMA 5-15R 2-pole + PE UL sign V0		10020 US VP ...	●	●	10/200
	Australian Standard, screw terminals 250 V - 10 A	⊕ SR	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 W	black SCH	slate grey SGR	grey G	agate grey ACG	brown BR	VPE
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

special colours MOQ upon request

DATA

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

	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 ...	●		10
 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 W	black SCH	red ROT	yellow GE	blue BL	green GR	VPE
 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

BLIND COVERS WITH INSERTS



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

special colours MOQ upon request

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

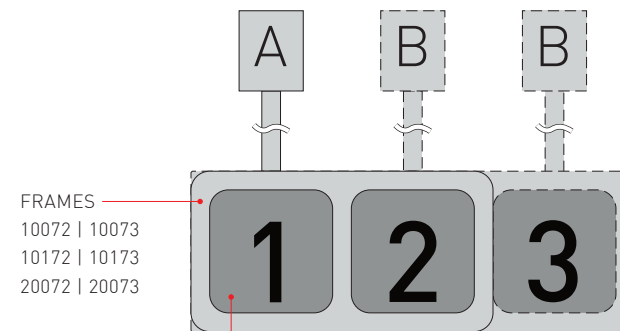


	installation depth (mm)	item no.	VPE
assembled combination - 2x SCHUKO socket + switch horizontal Design System 10.000 black 2m supply cable type H05VV-F3G1,5 with angle plug SCHUKO black 2m output cable type H03VV-F2x0,75 with euro plug black switched strain-relieved	41	item no. upon request	1/15
assembled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



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

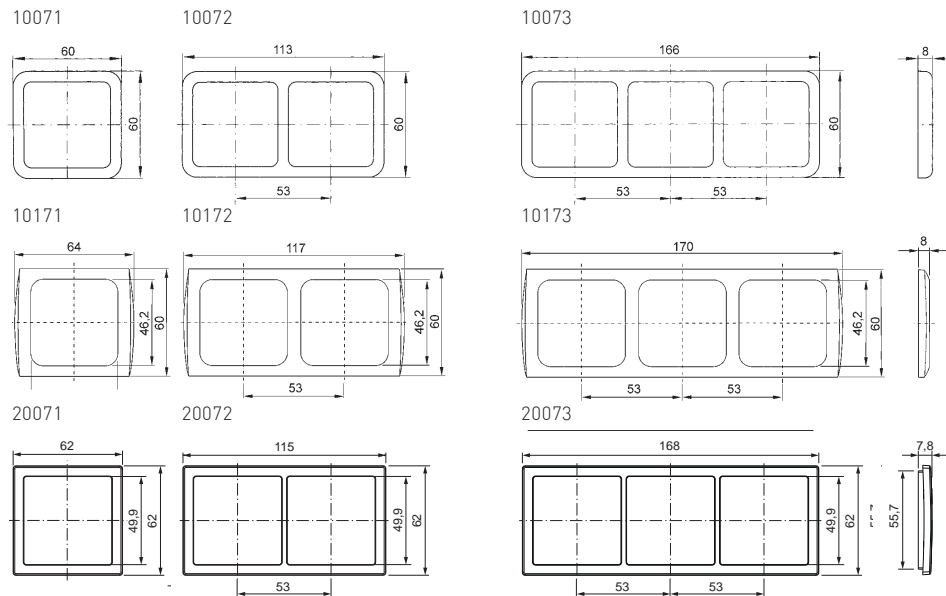
output cable length | plug coupling: m |

top | right bottom | left

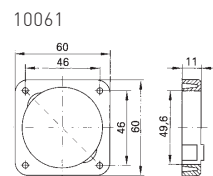
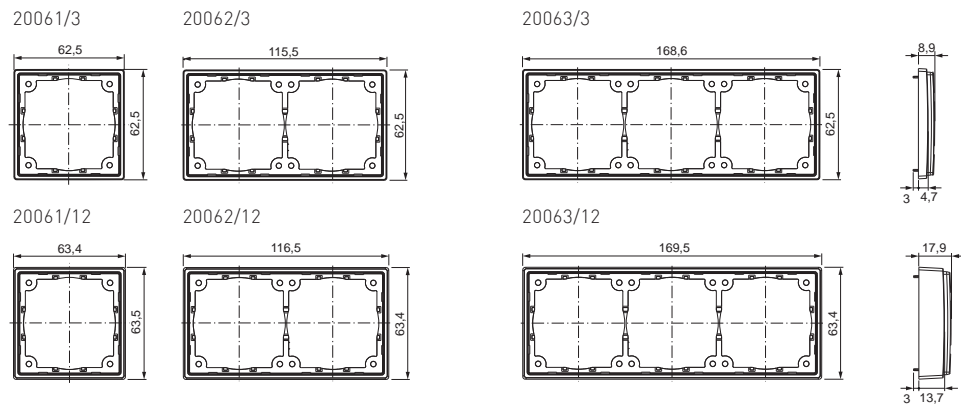
* different country versions upon request

TECHNICAL INFORMATION

FRAMES



DISTANCE FRAMES



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

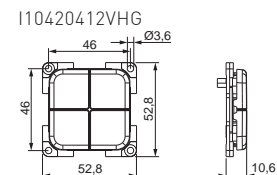
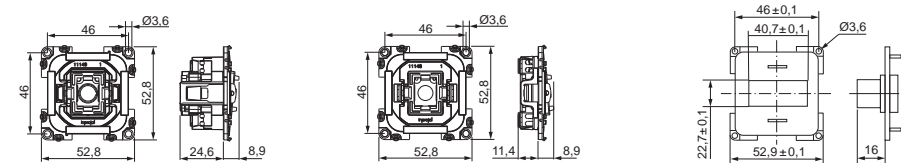
Incorrect installation will endanger:

- 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.

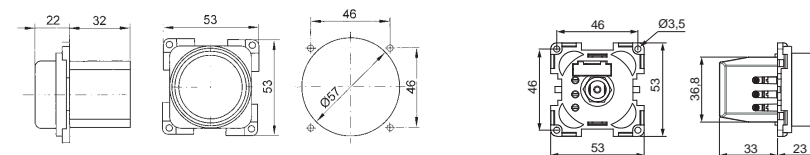
SWITCHES | PUSHBUTTONS

20196 (1,1/2,6) (12V LED, 230V LED)
 20705 (1,1/2,5,6) (12V LED, 230V LED)
 20520 (1/2) (GL,K) (12V LED, 230V LED)
 20328/1D
 20510 (D)
 20710
 2148 TS

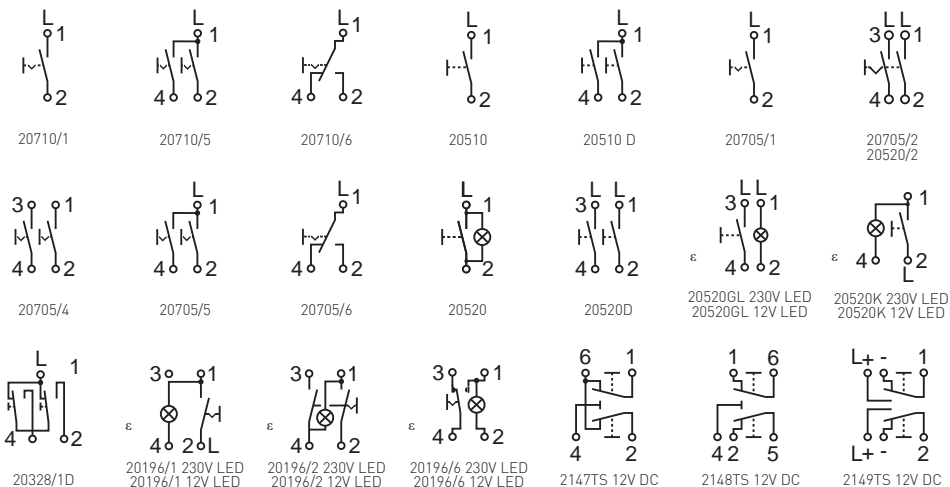


DIMMERS

10055/(200,350) | 10050/(10,35 LED,100) | 10058/(30,70) LED



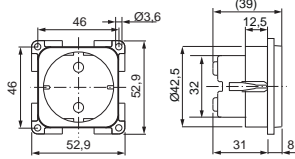
CIRCUIT DIAGRAMS



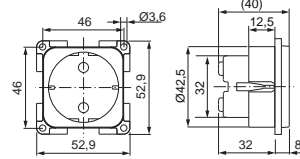
TECHNICAL INFORMATION

SOCKETS

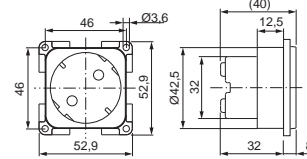
10020 (35) (OR)



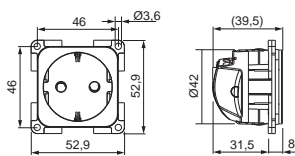
10020 K (35) (OR)



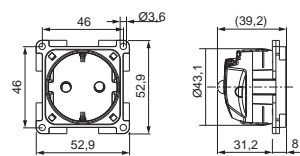
10020 45 (OR)



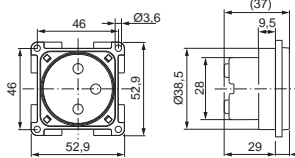
10020 (K) (35) (SL,SR) (OR)



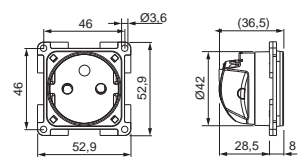
10020 (K) (35) ASL (OR)



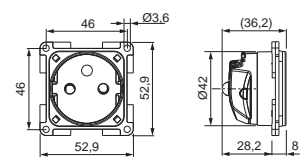
10020 (F,KBE) 35 (OR)



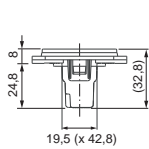
10020 (K) BE 35 (SL,SR) (OR)



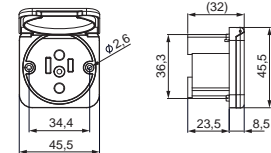
10020 (K) BE 35 ASL (OR)



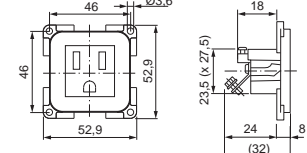
10020 K I 35 (OR) | 10020 EA 35 (OR)



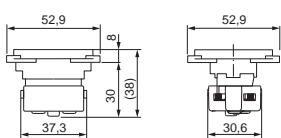
900191



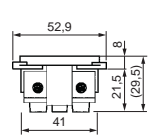
10020 (35) US (OR) (V0)



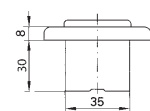
1002013 CH SR



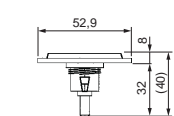
10220 GB



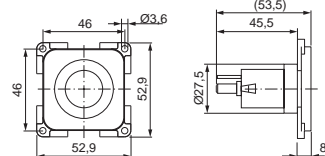
10020/(15) (35) AUS



10021 35 (OR)

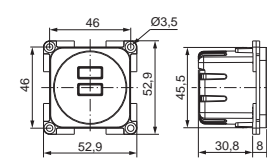


10022

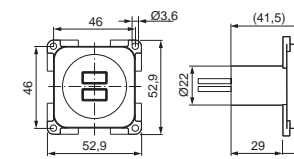


USB CHARGERS

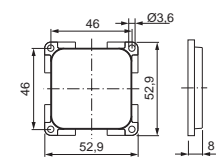
10020 2 USB 230V ...



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

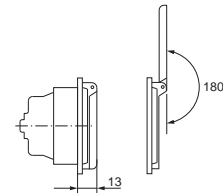


10015 | 10048/(1,2) (HG)

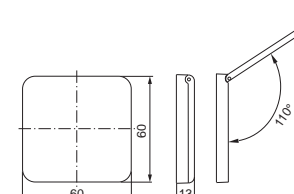


HINGED COVERS

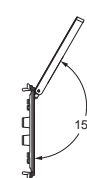
10020 (K) (BE,F,US) 35 (SL,SR) KLF



60 KLF



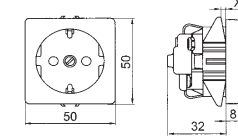
20035 KLF



SNAP-IN

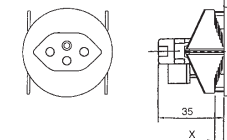
10020 SI

X= 1,0-3,0mm

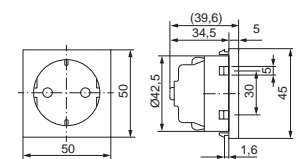


8020 CH SL SI

X= 1,0-5,4mm



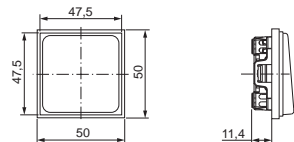
103201



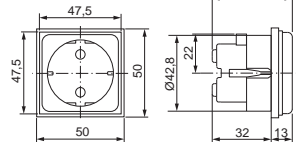
TECHNICAL INFORMATION

VP - FOR USE IN PROFILE RAILS

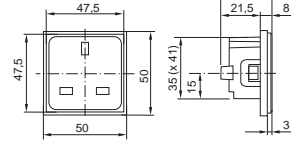
10710/1 VP



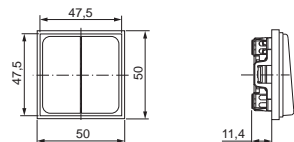
10020 35 KLF VP



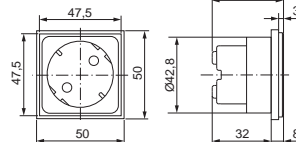
10220 GB VP



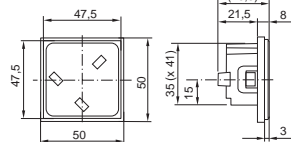
10710/5 VP



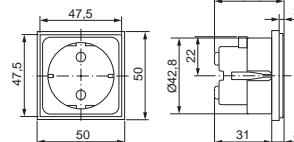
10020-45 VP



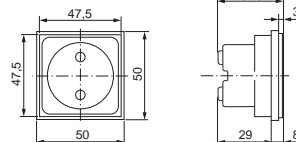
10220 GB-45 VP



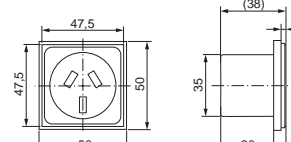
10020 VP



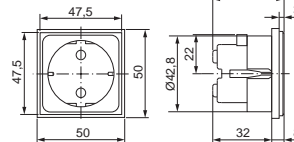
10020 (F, K BE) VP



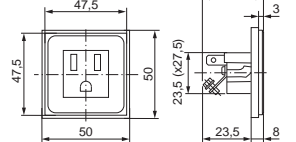
10020 AUS ... VP



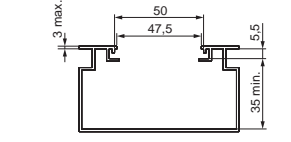
10020 K VP



10020 US VP ... V0

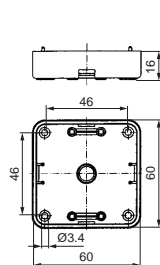


Beispiel eines Profils für VP

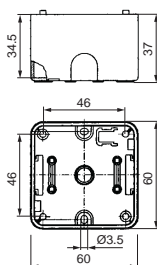


SURFACE MOUNTING BOXES

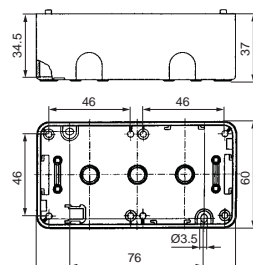
10051/16 HG



10051 HG

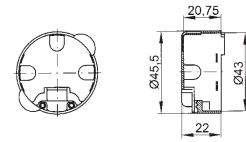


10052 HG

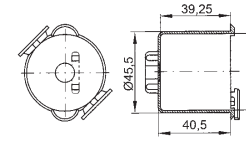


INSULATION BOXES

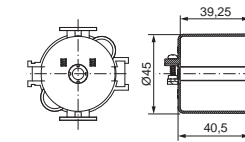
D45 / 10 ZR



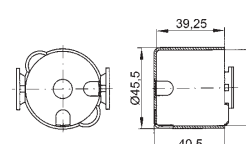
D45 ZR



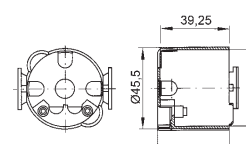
KD 45 ZR



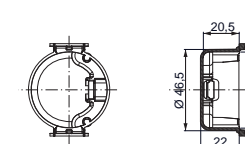
D45 R



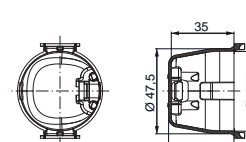
D45 SZR2



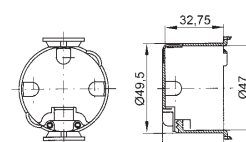
D46 / 22 ZR



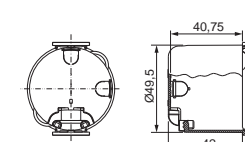
D47 ZR



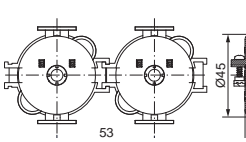
D50 ZR



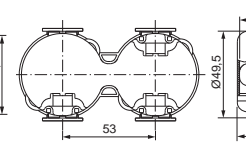
D50 42 ZR



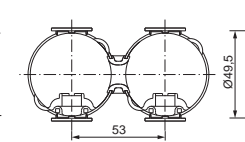
KD 245 ZR



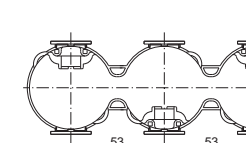
D 250 ZR



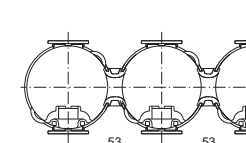
KD 250 ZR



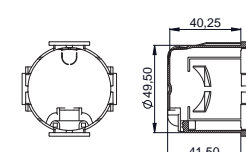
D 350 ZR



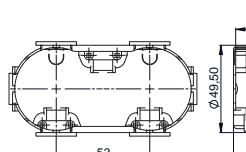
KD 350 ZR



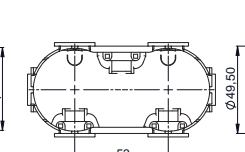
D 50/42 ZR SI 16



D2 50/40 ZR SI 16



D2 50/34 ZR SI 16

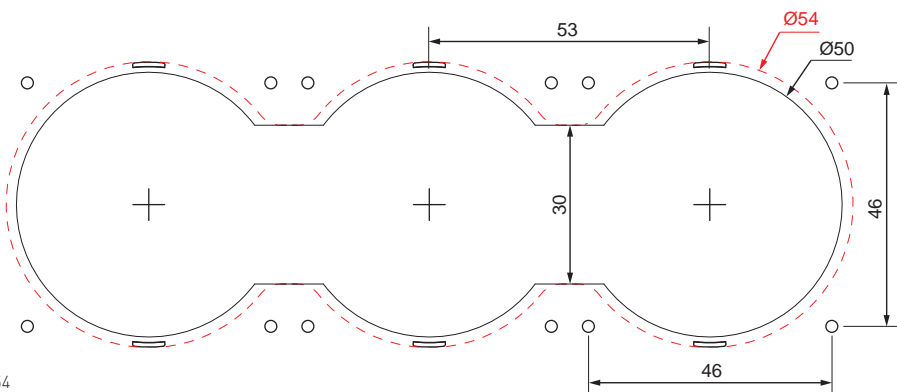
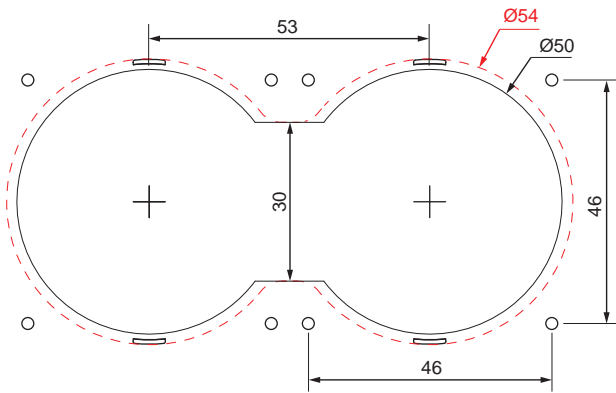
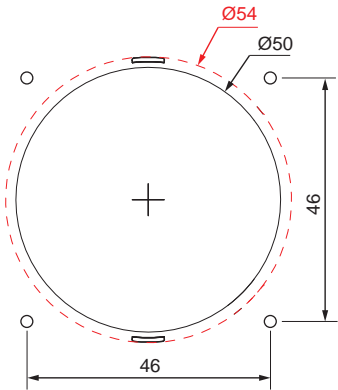




TECHNICAL INFORMATION

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

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 KI 35 ...	14	10050/100	7	2147 TS ...	6
10016/50 ...	34	10020 KI 35 OR ...	24	10051/16 HG ...	16	2148 TS ...	6
10020 ...	12	10020 KI 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
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10020 35 SL KLF ...	12	10020 US ... V0	14	10220 GB ...	14, 25	D46 ZR	29
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Special needs call for customised solutions.

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