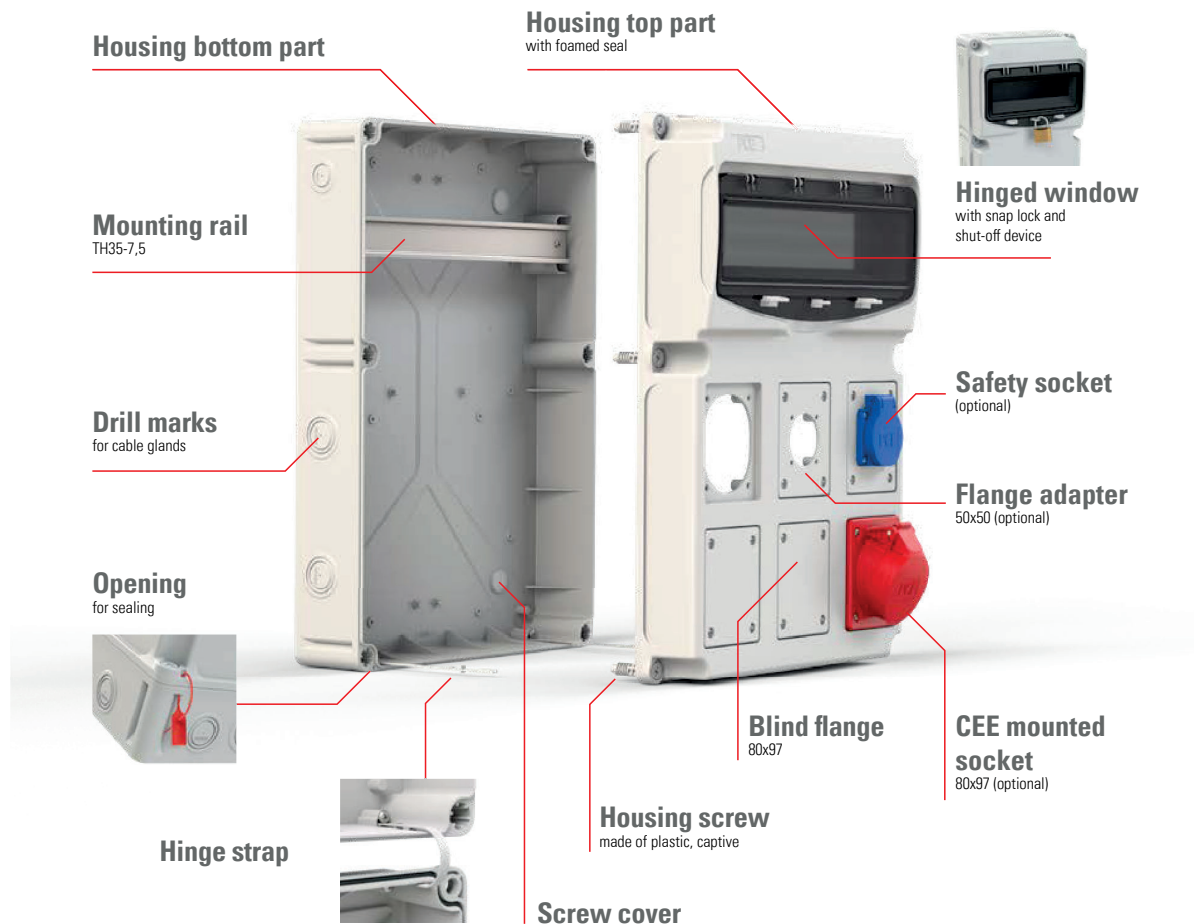# PCE

FLEX ENCLOSURE
FOR LOW-VOLTAGE SWITCHGEAR ASSEMBLIES

The series **FLEX** enclosures are suitable for low voltage switchgear combinations and designed for both indoor and outdoor applications. 3 different sizes are available as unequipped enclosures for self assembly - optionally with closed cover (blind) or prefabricated cut-outs for the installation of add-on sockets. The solid, high-quality ABS housing, which has been tested and certified according

to IEC/EN 62208, has **IP66/67** protection and impact protection of **IK08** as well as numerous other positive features. Under the transparent hinged window there is also sufficient space for switchgear up to 16 modules.

All in all, this enclosure series offers maximum **FLEX**ibility for a wide range of applications.

Maximum **FLEX**ibility...

Housing bottom part

Housing top part
with foamed seal

Mounting rail
TH35-7,5

Drill marks
for cable glands

Opening
for sealing

Hinge strap

Screw cover

Housing screw
made of plastic, captive

Blind flange
80x97

CEE mounted socket
80x97 (optional)

Hinged window
with snap lock and shut-off device

Safety socket
(optional)

Flange adapter
50x50 (optional)

Thermoplastic insulated enclosure
Series FLEX

■ Features:

- High-quality thermoplastic material (ABS)
- window up to 6, 10 or 16 modules
- many combination possibilities of housings and sockets without mechanical processing
- numerous equipment (see from page 311)

FLEX 6-E

- **Dims: HxWxD = 471x160x132mm**
- bottom part of housing with mounted mounting rail for max. 6 modules
- closed top part of housing with mounted hinged window
- 2x hinge strap with screws
- 2x screw cover

15850600

pack.unit: 1

FLEX 6-S3

- **Dims: HxWxD = 471x160x132mm**
- bottom part of housing with mounted mounting rail for max. 6 modules
- closed top part of housing with mounted hinged window and 3 cut-outs for flanged sockets (80x97mm)
- 1x blind flange with seal
- 12x flange screws
- 2x hinge strap with screws
- 2x screw cover

15850603

pack.unit: 1

FLEX 10-E

- **Dims: HxWxD = 471x230x158mm**
- bottom part of housing with mounted mounting rail for max. 10 modules
- closed top part of housing with mounted hinged window
- 2x hinge strap with screws
- 4x screw cover

15851000

Pack.unit: 1

FLEX 10-S4

- **Dims: HxWxD = 471x230x158mm**
- bottom part of housing with mounted mounting rail for max. 10 modules
- closed top part of housing with mounted hinged window and 4 cut-outs for flanged sockets (80x97mm)
- 1x blind flange with seal
- 16x flange screws
- 2x hinge strap with screws
- 4x screw cover

15851004

pack.unit: 1

FLEX 16-E

- **Dims: HxWxD = 471x330x158mm**
- bottom part of housing with mounted mounting rail for max. 16 modules
- closed top part of housing with mounted hinged window
- 2x hinge strap with screws
- 4x screw cover

15851600

pack.unit: 1

FLEX 16-S6

- **Dims: HxWxD = 471x330x158mm**
- bottom part of housing with mounted mounting rail for max. 16 modules
- closed top part of housing with mounted hinged window and 6 cut-outs for flanged sockets (80x97mm)
- 1x blind flange with seal
- 24x flange screws
- 2x hinge strap with screws
- 4x screw cover

15851606

pack.unit: 1

Thermoplastic insulated enclosure
Series FLEX - Accessories

Blind flange

Set includes:
- 6x flange adapter 80x97- blind
- 6x flange seal

| 158500 |

Flange adapter 50x50

Set includes:
- 6x flange adapter 80x97 for 50x50mm safety sockets
- 6x flange seal
- Pan head screws for mounting of flanged sockets

| 158550 |

Handle
only for FLEX 10 and 16

Set includes:
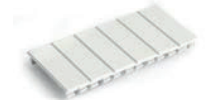- Handle
- Screws
- Cap nuts (isolated)

| 158502 |

Cover rail

- Cover rail blind
- for 6 modules

| 2119100 |

Universal rack

- only for FLEX 16-E and FLEX 16-S6
- powder coated RAL3000

| 598053 |

Mounting kit for universal rack

Set includes:
- Screws
- Cap nuts (isolated)

| 158503 |

Cable glands IP66/68

plastic, color light gray (RAL7035)
*incl. flat seal

size	thread length (mm)	cable-Ø (mm)	width across flats (mm)	pack. unit (MOQ)	Cat.No.
M20x1,5	9	6-12	24	100	**23201509141**
M25x1,5	15	13-18	33	50	**23251511181**
M32x1,5*	15	18-25	42	25	**23321511211**
M40x1,5*	18	22-32	53	10	**23401513321**

Blind screw fittings IP54

plastic, color light gray (RAL7035)

size	thread length (mm)			pack. unit (MOQ)	Cat.No.
M25x1,5	7			100	**2725151010**
M32x1,5	8			100	**273215101**
M40x1,5	9			100	**274015101**

Lock nut
brass nickel coated

size	height (mm)	width across flats (mm)		pack. unit (MOQ)	Cat.No.
M20x1,5	3	24		100	**262015009**
M25x1,5	3,5	29		100	**262515009**
M32x1,5	4	36		100	**263215009**
M40x1,5	4,5	46		50	**264015009**

Sealing ring
rubber black

size	height (mm)	Ø outside (mm)	Ø inside (mm)	pack. unit (MOQ)	Cat.No.
M20	1	23,5	18,2	100	**410814**
M25	1	29,5	23,2	50	**410808**
M32	1	36,5	30,2	25	**410810**
M40	1	45,5	38,2	10	**410811**

Pressure screw
plastic, color light gray (RAL7035)

size	thread length (mm)	width across flats (mm)	Ø inside (mm)	pack. unit (MOQ)	Cat.No.
M32x1,5	14,5	34	26	25	**0530**
M40x1,5	16	42	34	10	**0526**

Series FLEX - Accessories

P-NOVA PLUS+
Safety socket IP54
Flange 50x50mm

rear connection	pack. unit (MOQ)	Cat.No.
Austrian/German system	100	**1050-0b**
French/Belgian system	100	**1040-0b**
side connection		
Austrian/German system	100	**1050-0bs**
French/Belgian system	100	**1040-0bs**

S-NOVA®
Safety socket IP54
Flange 50x50mm

rear connection	pack. unit (MOQ)	Cat.No.
Austrian/German system	100	**105-0b**
French/Belgian system	100	**104-0b**
side connection		
Austrian/German system	100	**105-0bs**
French/Belgian system	100	**104-0bs**

Data socket IP54
Flange 50x50mm

12k452-0e

	pack. unit (MOQ)	Cat.No.
incl. 2x CAT 6_A RJ45 module	1	**12k452-0e**
Data socket with hinged lid (empty), 1x opening	1	**11om-0e**
Module CAT 6_A RJ45	1	**093617**
Module USB 2.0 A / USB 2.0 A	1	**086317**

CEE flanged socket sloping IP44/54
- with screw terminals
- brass contacts
- flange 80x97mm

		pack. unit (MOQ)	Cat.No.
230V~	16A 3-pole 6h	10	**413-6f8**
400V~	16A 4-pole 6h	10	**414-6f8**
400V~	16A 5-pole 6h	10	**415-6**
230V~	32A 3-pole 6h	10	**423-6**
400V~	32A 4-pole 6h	10	**424-6**
400V~	32A 5-pole 6h	10	**425-6**

CEE flanged socket sloping IP67
- with screw terminals
- brass contacts
- flange 80x97mm

		pack. unit (MOQ)	Cat.No.
230V~	16A 3-pole 6h	10	**4132-6f8**
400V~	16A 4-pole 6h	10	**4142-6f8**
400V~	16A 5-pole 6h	10	**4152-6f78**
230V~	32A 3-pole 6h	10	**4232-6f78**
400V~	32A 4-pole 6h	10	**4242-6f78**
400V~	32A 5-pole 6h	10	**4252-6f78**

Surface distribution boxes – enclosures
Series T-BOX

PCE

Surface distribution enclosure T-BOX 4

- **dimensions HxWxD = 231x166x113mm**
- material: ABS, color: grey (similar RAL7035)
- housing bottom with mounted DIN-rail (type TH35x7,5) for max. 4 modules (1x4 units)
- housing top with transparent window (PC tinted)
- protection rating: IP65

15191004
pack.unit: 1

Surface distribution enclosure T-BOX 8

- **dimensions HxWxD = 231x238x118mm**
- material: ABS, color: grey (similar RAL7035)
- housing bottom with mounted DIN-rail (type TH35x7,5) for max. 8 modules (1x8 units)
- housing top with transparent window (PC tinted)
- protection rating: IP65

15191008
pack.unit: 1

Surface distribution enclosure T-BOX 12

- **dimensions HxWxD = 246x310x148mm**
- material: ABS, color: grey (similar RAL7035)
- housing bottom with mounted DIN-rail (type TH35x7,5) for max. 12 modules (1x12 units)
- housing top with transparent window (PC tinted)
- protection rating: IP65

15191012
pack.unit: 1

Surface distribution enclosure T-BOX 24

- **dimensions HxWxD = 436x310x148mm**
- material: ABS, color: grey (similar RAL7035)
- housing bottom with mounted DIN-rail (type TH35x7,5) for max. 24 modules (2x12 units)
- housing top with transparent window (PC tinted)
- protection rating: IP65

15191024
pack.unit: 1

Surface distribution enclosure T-BOX 36

- **dimensions HxWxD = 586x310x148mm**
- material: ABS, color: grey (similar RAL7035)
- housing bottom with mounted DIN-rail (type TH35x7,5) for max. 36 modules (3x12 units)
- housing top with transparent window (PC tinted)
- protection rating: IP65

15191036
pack.unit: 1