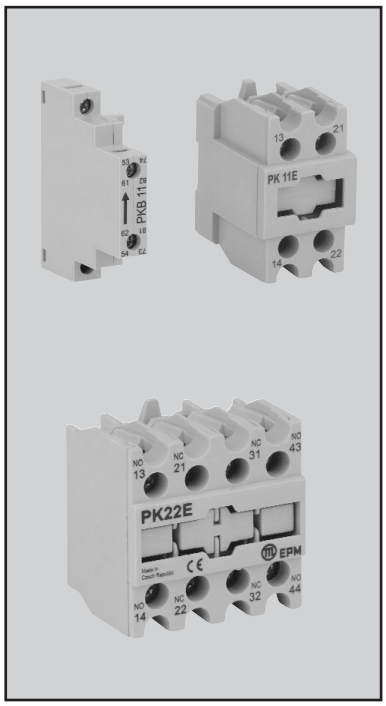
Mounting of the auxiliary contact units

Auxiliary contact units of the „PK" series can easily be mounted to the lock on the front side of the contactor body by shifting the unit down until the latch on its body clicks. The unit can be removed by shifting it up, while the latch is released by lifting it to the front with a fingertip or flat tool – e. g. screwdriver.

Side mounted auxiliary contact units type PKB can be affixed to the left and/or right side of the contactor body in the following way: insert the resilient pin of the unit into the appropriate cavity on the contactor body, then shift the unit approximately 1 mm against the force of the resilient pin, while at the same time pressing the unit to the side surface of the contactor until the rigid pin of the unit locks. In addition, two self-cutting screws are to be used for fixing the PKB unit onto the contactors type C95.■■, C115.■■ or C150.■■; each PKB's packing includes appropriate screws.

Removal of the PKB: carefully shift the unit approximately 1mm against the force of the resilient pin until the rigid pin of the unit unlocks. There must be a distance of 5mm between the unit and the adjoining device, in case you intend to remove the PKB in the future. For C95.■■, C115.■■ or C150.■■ only – unbolt two self-cutting screws first.

Table-No. 9 – Rating



Type	PK■■■□□		PKB1■■
	contacts a,b	contacts for small voltage	contacts a,b
Rated insulation voltage U_i [V]	690	690	690
Impulse withstand voltage U_{imp} [kV]	8	8	8
Conventional thermal current I_{th} [A]	12	0,5	12
Rated operation current I_e			
in the cat. AC-15 at 230 V [A]	4	–	4
in the cat. AC-15 at 400 V [A]	2	–	2
Mechanical durability [op. cycles]	$10x10^6$	$5x10^6$	$5x10^6$
Electrical durability in AC-15			
at 230 V, 4 A [op. cycles]	$0,8x10^6$	–	$0,8x10^6$
at 400 V, 2 A [op. cycles]	10^6	–	10^6
Electrical durability in DC-13 at 220 V			
I_e = 1,35 A $T_{0,95}$ = 30 ms	$0,15x10^6$	–	$0,15x10^6$
I_e = 1 A $T_{0,95}$ = 60 ms	$0,15x10^6$	–	$0,15x10^6$
I_e = 0,6 A $T_{0,95}$ = 120 ms	$0,15x10^6$	–	$0,15x10^6$
Electrical durability in DC-14 at 220 V			
I_e = 1,5 A $T_{0,95}$ = 15 ms	$0,15x10^6$	–	$0,15x10^6$
Mechanically linked contact device acc. to EN 60947-5-1(App. L)	yes	yes	yes
Mass [kg]	0,03/0,05	0,03/0,05	0,035

Protection against a dangerous accidental contact with live parts
Auxiliary contact units are designed to prevent accidental contact between live parts and the human body. Fingers are protected in the perpendicular direction, while larger body surfaces are protected in the parallel direction to the mounting panel. This means the contactors provide protection IP20/IP10 acc. to EN 60529 and VDE 0106-100

Standards
The units have been developed, tested and approved according to the EN 60947-5-1, EN 60947-1, IEC 60947-5-1 and IEC 60947-1.