



PK – FLEXIBLE PRESS WELDED EXPANSION CONNECTORS

Construction and Application:

These connectors are constructed from Cu-HCP foils with a thickness of 0,10 to 0,30 mm by overlapping the needed amount together and welding their ends as required contact areas without using any welding additive. This special welding process takes places under high pressure and intensive heat. These connectors have a uniform cross-section over their entire length and due to their homogeneous molecular structure ; they are perfect electrical conductors.

As press-welded expansion connectors can be subjected to the same loads as the corresponding bare busbars, they are mostly used together with busbar systems. As you can use them at standard dimensions with busbar systems; when installing several connectors side by side , the standard lamination widths are reduced by 2 mm to avoid possible friction. We produce these connectors in S or U form to compensate expansions caused by an increase of generators. They are perfect built to deal with maximum forces due to decentralization and torsion. Especially U forms are manufactured for realize the two-dimensional movement inside welding machines.



Technical Data:

Material: 0,10 - 0,30 mm copper HCP-foils.

Delivery: press- welded

UNCOATED Part-No	Cross sec. mm ²	DIMENSIONS			
		W mm	t mm	L1 mm	L2 mm
PK-2805-L	140	28	5		
PK-3805-L	190	38	5		
PK-4805-L	240	48	5		
PK-5805-L	290	58	5		
PK-7805-L	390	78	5		
PK-3810-L	380	38	10		
PK-4810-L	480	48	10		
PK-5810-L	580	58	10		
PK-7810-L	780	78	10		
PK-9810-L	980	98	10		
PK-3815-L	570	38	15		
PK-4815-L	720	48	15		
PK-5815-L	870	58	15		
PK-7815-L	1170	78	15		
PK-9815-L	1470	98	15		
PK-3820-L	760	38	20		
PK-4820-L	960	48	20		
PK-5820-L	1160	58	20		
PK-7820-L	1560	78	20		
PK-9820-L	1960	98	20		

acc. to customers' wishes

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