

TeSys™ AK5 Panel Busbar System

The AK5 pre-fabricated bus bar system provides a quick and easy method of mounting control devices. All components are finger safe, UL Listed, CSA approved and CE marked. Although the AK5 system can be screw mounted onto any type of support, it **must be mounted** on the AM1DL201 DIN rail when component mounting plates incorporating a tap-off are used. When using tap-offs, the nominal operating current of the bus bar (160 A @ 35°) must not be exceeded. Approvals include IEC 439, UL, CSA, DNV and LROS.



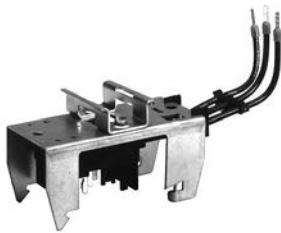
AK5JB143

Table 18.173: 160 A, 3-Phase Busbar System

Maximum number of mounting plates						Length		Catalog Number
Tap-off		Standard Width Plate		Extension Plate		in.	mm	
1.42 in.	36 mm	2.13 in.	54 mm	2.80 in.	71 mm			
6		4		2		13.39	344	AK5JB143
9		6		3		17.64	452	AK5JB144
12		8		4		21.85	560	AK5JB145
15		10		5		26.05	668	AK5JB146
24		16		8		38.69	992	AK5JB149
27		18		9		42.90	1100	AK5JB1410

Table 18.174: Mounting Plate Tap-off (plugs into busbar mounted on AM1DL201 DIN rail)

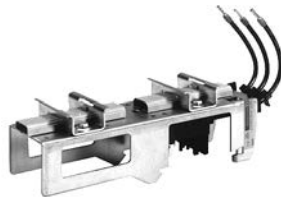
Width		Thermal Current Amperes	Application	Catalog Number
in.	mm			
2.13	54	25 A	GV2 with LUS or LUB 12 and 32 contactor reversing contactor	AK5PA231
2.13	54	25 A		AK5PA232
4.25	108	25 A		AK5PA232S



AK5PA231

Table 18.175: Bus Tap-off (plugs into busbar for wiring to a separately mounted device)

Width		Thermal Current (A)	Length of Leads		Catalog Number
in.	mm		in.	mm	
1.42	36	32 A	9.84	250	AK5PC33
1.42	36	32 A	39.37	1000	AK5PC33L



AK5PA232S

Table 18.176: Extension Plates

Used to mount wider components. Bolt to standard mounting plates (after DIN rails are removed).

Width		Application	Catalog Number
in.	mm		
2.80	71	GV & Reversing contactor	AK5PE27

Table 18.177: Mounting Rail (must be used for mounting plates with tap-offs)

Description	Depth	Length	Catalog Number
	mm	mm	
75 mm Omega Rail	15	2000	AM1DL201



AK5PC33



AM1DL201



File E161251
CCN NMTR



File LR 89150
Class 6228-01