

Table No. 1 KBH Insulated Conductor System

Component Description	Type Designation	Rating
Contact Conductor	KBHF 4/5-40 HS	* 52 A ,600 Vac, 60% duty cycle * 45 A ,600 Vac, 80% duty cycle 40 A ,600 Vac
	KBHF 4/5-40 SS	* 52 A ,600 Vac, 60% duty cycle * 45 A ,600 Vac, 80% duty cycle 40 A ,600 Vac
	KBHF 4/5-63 HS	* 81 A ,600 Vac, 60% duty cycle * 70 A ,600 Vac, 80% duty cycle 63 A ,600 Vac
	KBHF 4/5-100 HS	* 129 A ,600 Vac, 60% duty cycle * 112 A ,600 Vac, 80% duty cycle 100 A ,600 Vac
	KBHF 4/5-100 SS	* 129 A ,600 Vac, 60% duty cycle * 112 A ,600 Vac, 80% duty cycle 100 A ,600 Vac
	KBHS 4/5-40 HS	* 52 A ,600 Vac, 60% duty cycle * 45 A ,600 Vac, 80% duty cycle 40 A ,600 Vac
	KBHS 4/5-40 SS	* 52 A ,600 Vac, 60% duty cycle * 45 A ,600 Vac, 80% duty cycle 40 A ,600 Vac
	KBHS 4/5-63 HS	* 81 A ,600 Vac, 60% duty cycle * 70 A ,600 Vac, 80% duty cycle 63 A ,600 Vac
	KBHS 4/5-100 HS	* 129 A ,600 Vac, 60% duty cycle * 112 A ,600 Vac, 80% duty cycle 100 A ,600 Vac
	KBHS 4/5-125 HS	* 161 A ,600 Vac, 60% duty cycle * 140 A ,600 Vac, 80% duty cycle 125 A ,600 Vac
	KBHS 4/5-160 HS	* 207 A ,600 Vac, 60% duty cycle * 179 A ,600 Vac, 80% duty cycle 160 A ,600 Vac
	KBHS 4/5-200 HS	* 258 A ,600 Vac, 60% duty cycle * 224 A ,600 Vac, 80% duty cycle 200 A ,600 Vac

\* Duty Cycles -- The equivalent continuous thermal current was based on the geometric average (duty cycle factor) of the nominal full load current and the indicated duty cycle percentage. For example, given a 200 A nominal full load current at 80% duty cycle, the nominal full load current (200 A) is divided by the duty cycle factor, which is the geometric average of 100% and 80% [=sqrt(100/80) = 1.118].

\* The Duty Cycles, which are indicated above, can be used for all following systems, which were marked by the normal amperage .

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Component Description	Type Designation	Rating
Transfer Funnel	KET 4/5 40-125 HS L/R	40-125 A , 600 Vac
	KET 4/5 160 HS L/R	160 A , 600 Vac
	KET 4/5 200 HS L/R	200 A , 600 Vac
	KET 4/5 40 SS L/R	40 A , 600 Vac
Transfer Guide	KÜ 4/5 40-125 HS L/R	40-125 A , 600 Vac
	KÜ 4/5 160 HS L/R	160 A , 600 Vac
	KÜ 4/5 200 HS L/R	200 A , 600 Vac
	KÜ 4/5 40 SS L/R	40 A , 600 Vac
	KÜS 4/5 40-125 HS L/R	40-125 A , 600 Vac
	KÜS 4/5 160 HS L/R	160 A , 600 Vac
	KÜS 4/5 200 HS L/R	200 A , 600 Vac
	KÜS 4/5 40 SS L/R	40 A , 600 Vac
Joint-Cap	KVM	Non-electrical
Sliding Hanger	KGA	Non-electrical
Fixed Hanger	KFA	Non-electrical
End-Cap	KE	Non-electrical
Cable Glands for Feeds	All diameters	Non-electrical
Sealing Strip	Sealing strip, per pair	Non-electrical
Tow Arms	MGU / MGU/K / MGF / MGF/K	Non-electrical
Flexible support type	KFMH	Non-electrical
Conductor dead section	KTL 1/ 2/ 3/ 4/ 5 KTI 1/ 2/ 3/ 4/ 5	Non-electrical
End feed	KKE 4/5 40-63 HS KKE 4/5 40-63 SS KKE 4/5 100 HS	40-63 A , 600 Vac

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Line Feed	KSE 4/5 40 HS	40 A , 600 Vac
	KSE 4/5 40 SS	40 A , 600 Vac
	KSE 4/5 63 HS	63 A , 600 Vac
	KSE 4/5 100 HS	100 A , 600 Vac
	KEF 4/5 40 HS	40 A , 600 Vac
	KEF 4/5 40 SS	40 A , 600 Vac
	KEF 4/5 63 HS	63 A , 600 Vac
	KEF 4/5 100 HS	100 A , 600 Vac
	KES 4/5 40 HS	40 A , 600 Vac
	KES 4/5 40 SS	40 A , 600 Vac
	KES 4/5 63 HS	63 A , 600 Vac
	KES 4/5 100 HS	100 A , 600 Vac
	KES 4/5 125 HS	125 A , 600 Vac
	KES 4/5 160 HS	160 A , 600 Vac
	KES 4/5 200 HS	200 A , 600 Vac
Expansion Joint Section	KD 4/5 40 SS	40 A , 600 Vac
	KD 4/5 40-125 HS	40-125 A , 600 Vac
	KD 4/5 160 HS	160 A , 600 Vac
	KD 4/5 200 HS	200 A , 600 Vac
Heating System	Heating Output [Watt/m] $N = U^2 / (R \times L)^2$	Optional. Heating cable 0.15 - 3.0 Ohm/m.

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Anti-Condensation Sections	KBT 4/5 40-125 HS	40-125 A, 600 Vac
	KBT 4/5 40 SS	40 A, 600 Vac
	KBT 4/5 160 HS	160 A, 600 Vac
	KBT 4/5 200 HS	200 A, 600 Vac

Maintenance section	KAT 4/5 40-125 HS	40-125 A, 600 Vac
	KAT 4/5 40 SS	40 A, 600 Vac
	KAT 4/5 160 HS	160 A, 600 Vac
	KAT 4/5 200 HS	200 A, 600 Vac
	KATD 4/5 40-125 HS	40-125 A, 600 Vac
	KATD 4/5 40 SS	40 A, 600 Vac
	KATD 4/5 160 HS	160 A, 600 Vac
	KATD 4/5 200 HS	200 A, 600 Vac

Collector Trolleys	KSW 4/5 25 HS	25 A, 600 Vac ,60% duty cycle
	KSW 4/5 25 ST	25 A, 600 Vac ,60% duty cycle
	KSW 4/5 40 HS	40 A, 600 Vac ,60% duty cycle
	KSWS 4/5 25 HS	25 A, 600 Vac ,60% duty cycle
	KSWS 4/5 25 ST	25 A, 600 Vac ,60% duty cycle
	KSWS 4/5 40 HS	40 A, 600 Vac ,60% duty cycle
	DKSW 4/5 50 HS	50 A, 600 Vac ,60% duty cycle
	DKSW 4/5 50 ST	50 A, 600 Vac ,60% duty cycle
	DKSW 4/5 80 HS	80 A, 600 Vac ,60% duty cycle