

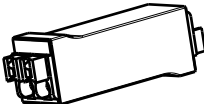
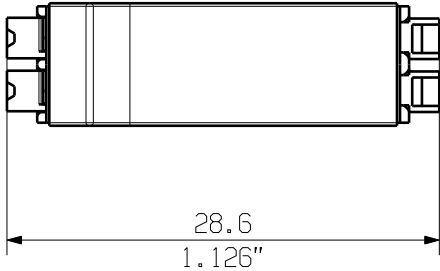
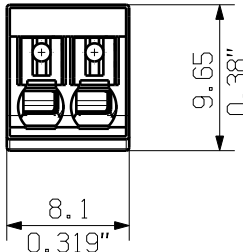
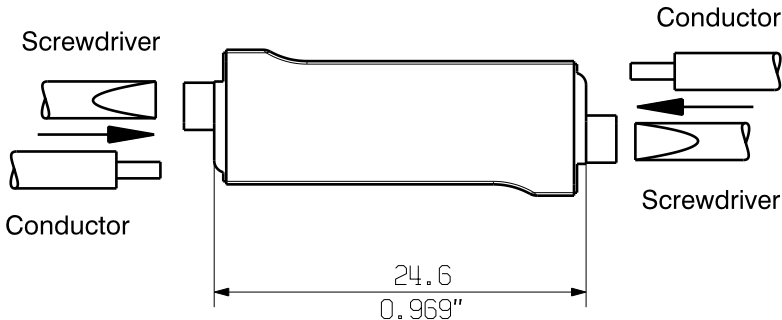
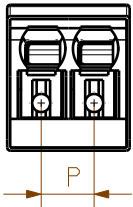
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MASSE OHNE TOLERANZ SIND KEINE PRUEFMASSE
DIMS. WITHOUT TOLERANCE ARE NOT CONTROL DIMS.

DIE DEUTSCHE VERSION IST VERBINDLICH
THE GERMAN VERSION IS BINDING

Technical Data

Rev.		Material data	
		Insulation material type	LCP, halogen -free
		Insulation material colours	black
		Insulation material flammability class	UL94
		Insulation resistance	MOhm
		Conatct base material	Copper-alloy
		Contact plating	tin-plated
		System characteristic values	
		Pitch P	mm/inch
		Number of rows	1
		Dielectric strength (r.m.s withstand voltage)	kV
		Through resistance (typical)	mOhm
		Operating temperature range	°C
		Degree of protection acc. to VDE 0140-1	finger safe
		Degree of protection acc. to DIN EN 60529	IP20
		Conductor connection method	tension clamp
		Screw size	n.a.
		Screw torque max. acc. to EN 60999-1	Nm
		Screw driver type	SD 0.6x3.5
		Solder pin length L	mm/inch
		PCB hole diameter D (wave soldering)	mm/inch
		PCB hole diameter D (reflow soldering)	mm/inch
		Resistance to soldering heat acc. to DIN IEC 60512-6	°C/sec
		Resistance to soldering heat acc. to EN 61760-1	°C/sec
		Solderability classification acc. to EN 61760-1	n.a.
		Solder connection type	n.a.
		Solder pin diameter d (max.)	mm/inch
		Application notes	
		Coding possibility	yes/no
		Joinable without loss of pitch	yes/no
		Manual assembly of modules	yes/no
		Max. number of poles	n
		Conductor	
		Clamping range	mm ²
		"e" solid H05(07) V-U	mm ²
		"f" flexible H05(07) V-K	mm ²
		"f" with ferrule acc. to DIN 46228/1	mm ²
		... with plastic collar acc. to DIN 46228/4	mm ²
		Conductor insulation stripping length	mm/inch
		Conductor insulation diameter max.	mm/inch
		Two wire clamping range	mm ²
		Gauge to EN 60999-1 (a x b ; Ø)	mm
		IEC 60664-1 / VDE0110 (4.97) rated data	
		Rated cross section acc. to EN 60999	mm ²
		Rated current @ 20°C ambient	A
		Rated current @ 40°C ambient	A
		Overvoltage category / Pollution degree	III/3 III/2 II/2
		Rated voltage	V
		Rated impulse voltage	kV
		UL 1059 rated data	C US File No.: xxxxx
		Rated voltage	300
		Rated current	12
		AWG wire range (field wiring / factory wiring)	26...14
		Packaging	
		Downloads	
		1) Sum of ambient temperature and temperature rise	
		2) Recommendation for manual assembly	
		3) Recommendation for automatic assembly	
		4) Recommendation for wave soldering	
		5) Recommendation for reflow soldering	
		6) Referred to rated cross section and minimum pole number	
		7) Referred to Rated Cross-Section	
		*factory wiring	
		n.a. = not applicable	
		Subject to technical changes	



M 1:1

				CAT.NO.: .	
38015/5 10.08.07 KRUG_M		00	Weidmüller 		C 39813 01
MODIFICATION					DRAWING NO.
				SHEET 2	OF 2 SHEETS
		DATE	NAME	LSF DK 3.5/2/180 LEITERPLATTENKLEMME PCB TERMINAL	
DRAWN		09.08.2007	KRUG_M		
RESPONSIBLE			KRUG_M		
CHECKED		10.08.2007	HECKERT_M		
APPROVED			HECKERT_M		
SCALE: 2:1					
SUPERSEDES: .					
SUPERSEDED BY: .					
		PRODUCT FILE:LSF-SMT			
		7358			