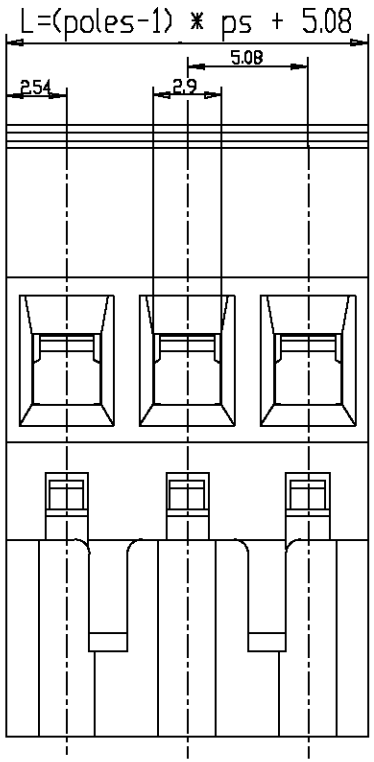

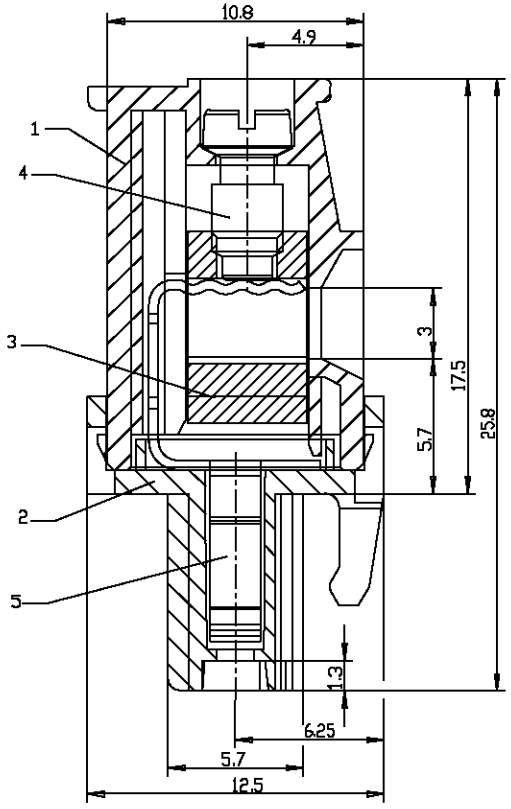

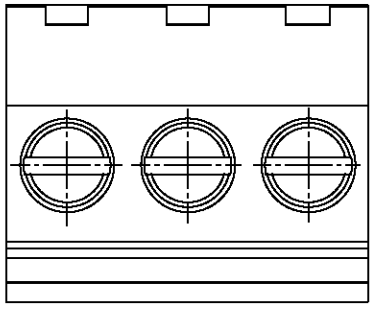

Technical Data

	according to: UL		VDE	
Insulation co-ordination according to DIN/VDE 0110-1 04.97				
pin spacing	0.200 in.	0.400	5.08mm	10.16mm
voltage	300V	600V	250V-eff	630V-eff
			according to VDE 0110 degree of contamination 3	
Insulation material group			insulating material I: 600 ? CTI	
minimum clearances or creepage distances			3.2mm at connected solid wire Ø2.3mm	
maximum current	12A /AWG12		12A /4mm?	
tightening torque at connected nominal diameter	4.5 lb-in		0.5 Nm max.	
wire range	AWG Cu, Sol/Str wire No. 28-12		Ø0.3mm - Ø2.3mm	

rated cross section mm?	single-wire 4	stranded wire 2.5	AWG 12
contact resistance	<5mΩ at I= 500mA after 100 plug contacts per pole from the clamping point via the head		
withdrawing force	per circuit 1.0N .. 3.0N		
max. limiting temperature	+125°C		
min. limiting temperature	-40°C		
climatic class	40/125/56 according to DIN IEC 68-1		
type of protection according to IEC 529	IP 20 at connected nominal diameter		
number of poles	2 - 24 poles		
wire strip length	8mm		
approvals	UL CSA SEV		

Materials

item 1	insulating body part-no. 711853-213-02-2	PA 66 Frianyl A63 V0 black (unbreakable) flame resistant and self-extinguishing, according toUL 94V-0 stated under the File-No. E86034 (M); temperature range -40°C to +125°C, for a short time up to 185?C
through	part-no. 711853-213-24-2	
item 2	terminal molding cover part-no. 711854-213-02-2	
through	part-no. 711854-213-24-2	
item 3	connector body M3 part-no. 718503-0116	brass CuZn39 Pb2 4Am nickel plated
item 4	terminal screw M3 part-no. 795059-01	steel quality 8.8 4Am nickel plating over 8Am copper plating (standard)
item 5	wire protector detached part-no. 717176-01	copper alloy CuSn6 0,8-3,3Am tin plated
(01)	or wire protector on strip part-no. 717176-02	

Verwendungsbereich				Zul.Abw.	Oberfläche	Na?stab 5:1	Gewicht
						Werkstoff, Rohteil	Werkstoff-Artikelnummer
				Datum	Name	Benennung	
				Bearb: 03.06.98	R+sch	data sheet series type 214 ps 5.08mm	
				Gepr.:			
				Norm			
						Artikelnummer 31214	Teile-Code 9-7232	Blatt 1 v.1 Bl.
01	1 x 11 3M 467/99	22.11.99	Stad.				
Zust.	Änderung	Datum	Name	CAD-Nr.: 0000000000006u		Ers.d.:	Ers.f.:

Eine unsere vorherige Zustimmung darf diese Zeichnung weder vervielfältigt, noch Dritten zur gänzlich gemacht werden, und sie darf durch den Empfänger oder Dritte auch nicht in anderer Weise mitbrauchlich verwertet werden.

T	
MW	
QS	
TPSB	
TPK	
TPR	
TAVR	
MAVA	
MAVA-E	X
MWLR	
TPB	
TAVB	
MAVR	
MWLB	
TWSF	
TWST	
MAVT	
G?tepr.	
Konform	
MAMS	X