



Type:	Code:
DRS 7010	BCD real
DRS 7110	BCD complement
DRS 7016	Hexadecimal real
DRS 7116	Hexadecimal complement

Specifications:

- Contact rating:** non-switching: 100mA, 50V DC
switching: 30mA, 15V DC
- Contact resistance:** 200mOhm max.
- Insulation resistance:** 1 000MOhm min. at 250V DC
- Dielectric strength:** 250V, 50Hz for the duration of 1 minute
- Operating temperature:** -40°C to +85°C
- Mechanical life:** min. 20 000 cycles
- Soldering conditions:** auto-soldering: 260 +/-3°C, 5sec.
- Material:** Contacts: gold plated
Terminals: copper alloy, gold plated
Case: LCP, UL94V-0, black
Frame: stainless steel
Rotor: LCP, UL94V-0, yellow for real code, red for complement code
O-ring: silicone rubber UL94-HB



Tolerances: ±0.3mm	Date	Name	<h1>DRS 7000</h1>	<h2>30 15 69</h2>	Page
	08/08	dr			
			knitter-switch		1/2
Operating temperature	12/16	dr			
Modifications	Date	Name			

Codes:

BCD

		Real coded				
		C	1	2	4	8
10 P o s i t i o n	0	●				
	1	●	●			
	2	●		●		
	3	●	●	●		
	4	●			●	
	5	●	●			
	6	●		●	●	
	7	●	●	●	●	
	8	●				●
	9	●	●			●

BCD inverse

		Complement coded				
		C	1	2	4	8
10 P o s i t i o n	0	●	●	●	●	●
	1	●		●	●	●
	2	●	●		●	●
	3	●			●	●
	4	●	●	●		●
	5	●		●		●
	6	●	●			●
	7	●				●
	8	●	●	●	●	
	9	●		●	●	

Hexadecimal

		Real coded				
		C	1	2	4	8
16 P o s i t i o n	0	●				
	1	●	●			
	2	●		●		
	3	●	●	●		
	4	●			●	
	5	●	●		●	
	6	●		●	●	
	7	●	●	●	●	
	8	●				●
	9	●	●			●
	A	●		●		●
	B	●	●	●		●
	C	●			●	●
	D	●	●			●
	E	●		●	●	●
	F	●	●	●	●	●

Hexadecimal inverse

		Complement coded				
		C	1	2	4	8
16 P o s i t i o n	0	●	●	●	●	●
	1	●		●	●	●
	2	●	●		●	●
	3	●			●	●
	4	●	●	●		●
	5	●		●		●
	6	●	●			●
	7	●				●
	8	●	●	●	●	
	9	●		●	●	
	A	●	●		●	
	B	●		●		
	C	●	●	●		
	D	●		●		
	E	●	●			
	F	●				



Tolerances: ±0.3mm			Date	Name	<h1>DRS 7000</h1>
			08/08	dr	
			knitter-switch		<h1>30 15 69</h1>
Modifications			Date	Name	Page 2/2