

H Series

FEATURES
<ul style="list-style-type: none"> • Compact design, substantial space saving • Simple assembly • CE approved types
<p>The essential features of the thumb-wheel switch are its high reliability, precision and contact endurance.</p>
<p>InterSwitch thumbwheel switches are used in machine tool control systems, measurement and test units, control and regulation systems, computer systems, sound and vision control systems, telecommunications, medical measurement systems, etc.</p>



SPECIFICATIONS			
Rates current (resistive load)	1-100 mA AC/DC		
Max. current carrying capacity	1 AAC/DC		
Max. working voltage	max. 42 V AC/DC		
Test voltage	250 V DC		
Insulation resistance (+20°C)	10 ⁵ MOhm		
Contact resistance (ind. PCB)	100 MOhm		
Servicelife (switch operations)	min. 10 ⁵		
Permissible ambient temp.	-55° ... +85°C		
10 positions	Yes	Edge connections	Yes
16 positions	Yes	Solder pins	Yes
Decimal	Yes	Wire wrap pins	Yes
Binary	Yes	Front mounting	Yes
Binary + Complement	Yes	Ganged switches	Yes
PCB for diode mounting	Yes	Illuminated Thumbwheels	Opt
Direct solder connections	Yes	Illuminated Decimal Point	Opt



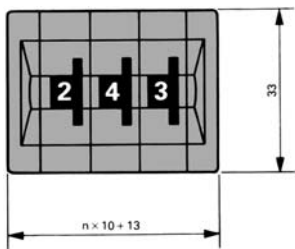
InterSwitch Thumbwheel Switches – H Series

Dimensions	
Width in mm	10
Height in mm	33
Mounting depth in mm	min. 38
Character height in mm	4

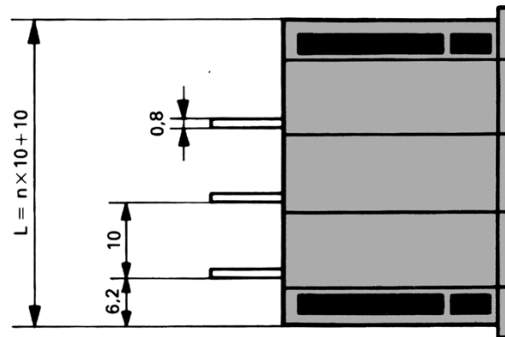
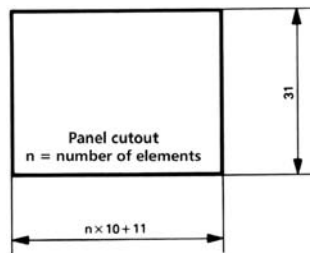
Top View

n= Number of modules without end brackets
(1 pair of division plates 1 element)

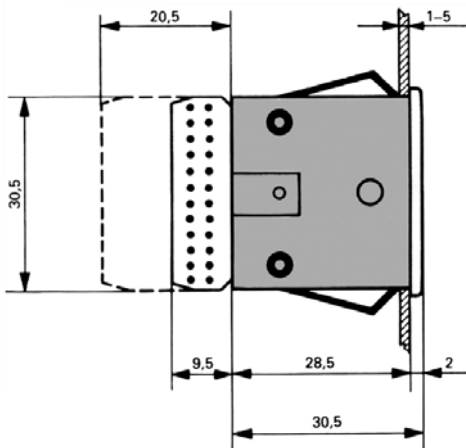
Front View



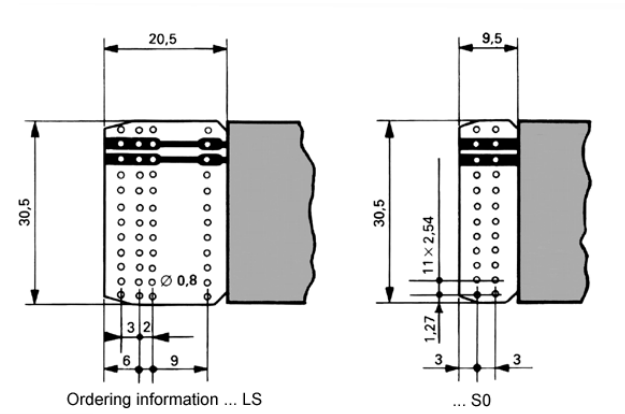
Panel Cut-Out



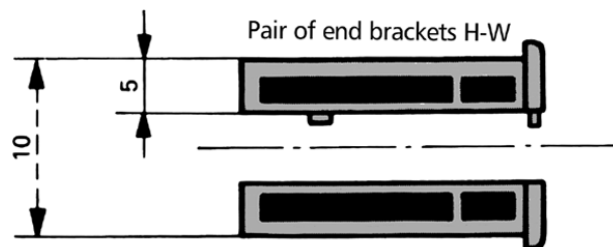
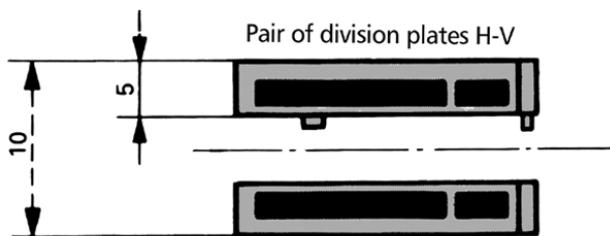
Side View



PCB Design

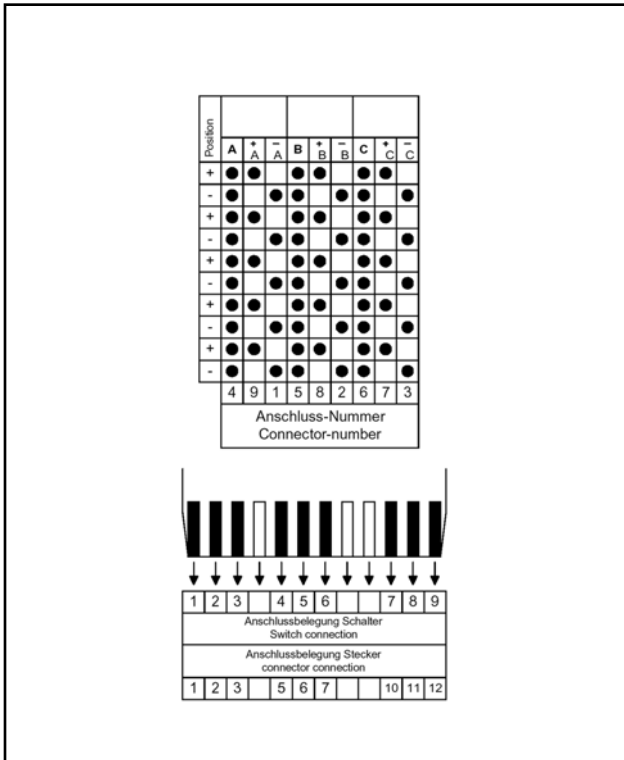


Division Plates and End Brackets



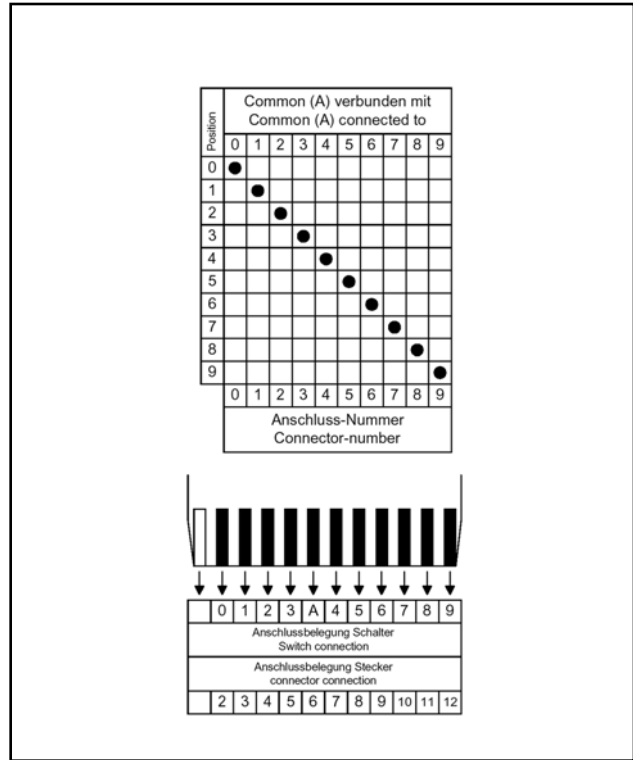
Code 001

Single pole change over switch



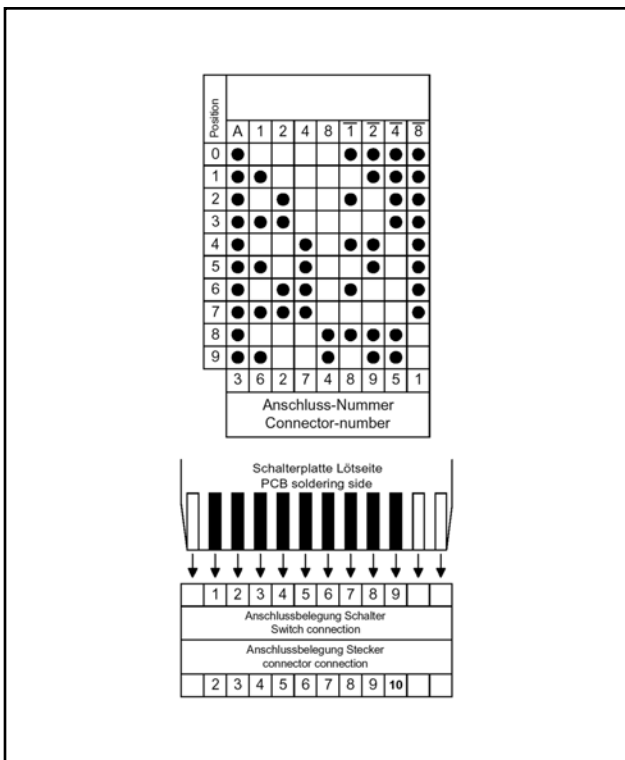
Code 010

Decimal 0-9



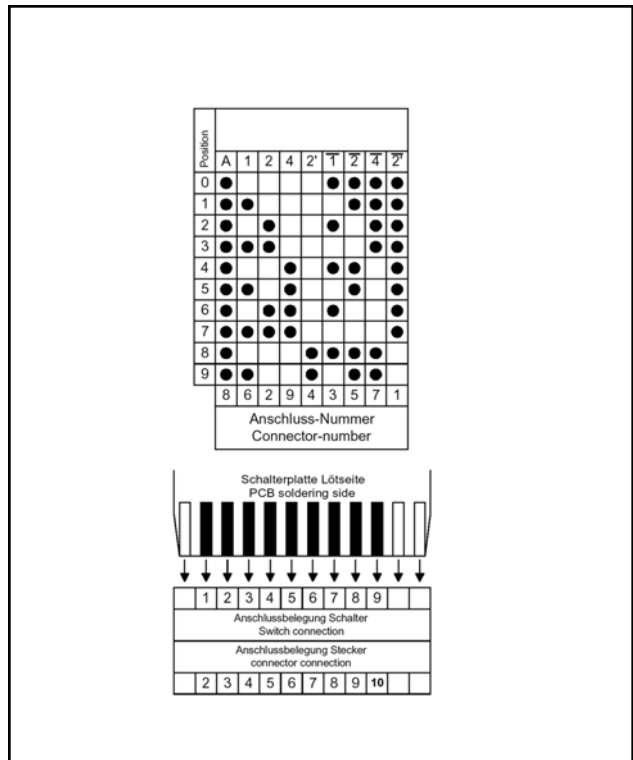
Code 031

BCD Positive



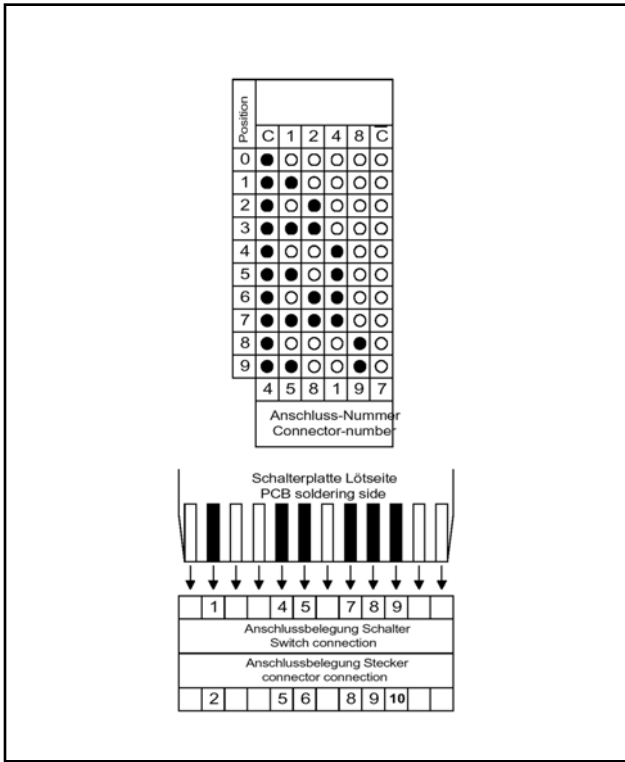
Code 033

Aiken Positive



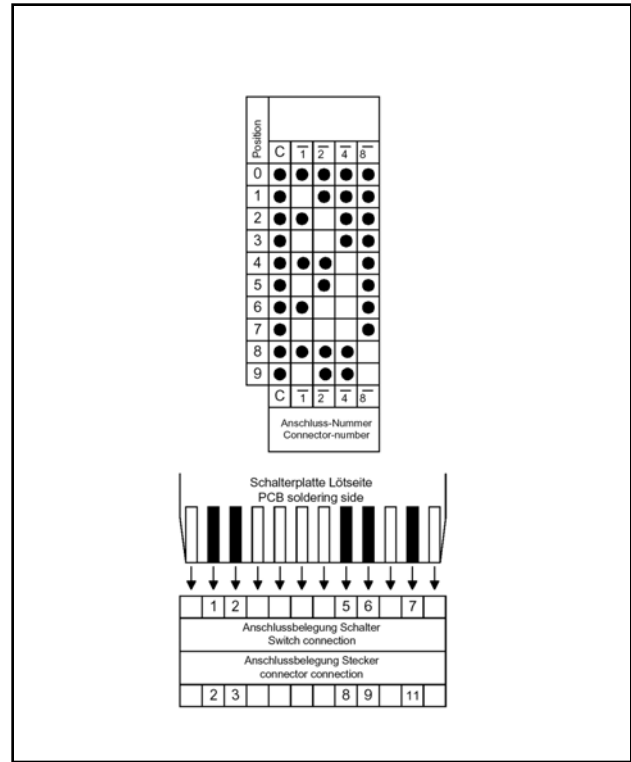
Code 140

BCD + 2 Inputs



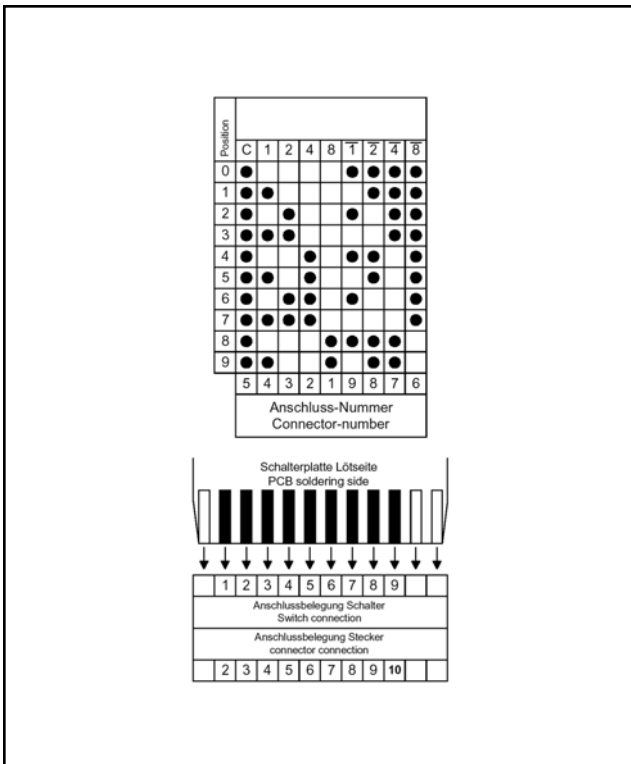
Code 161

BCD negative



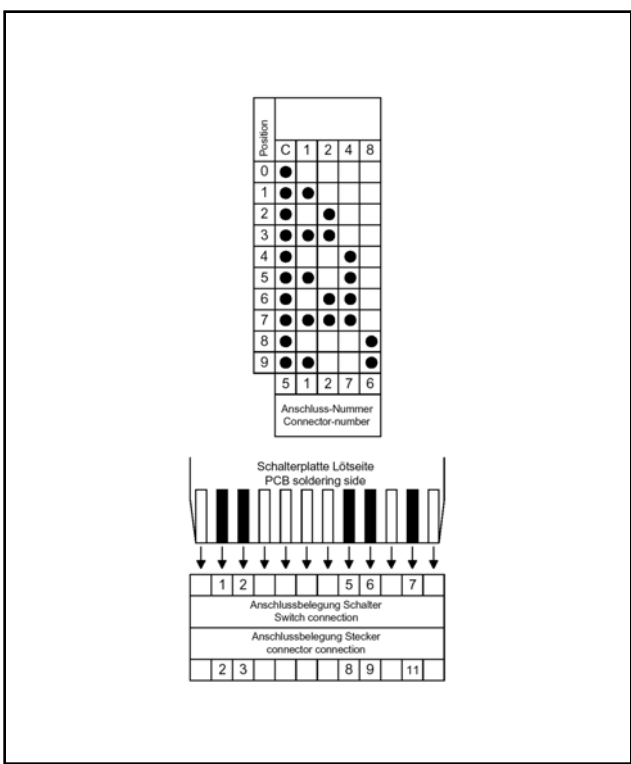
Code 531

BCD + complement



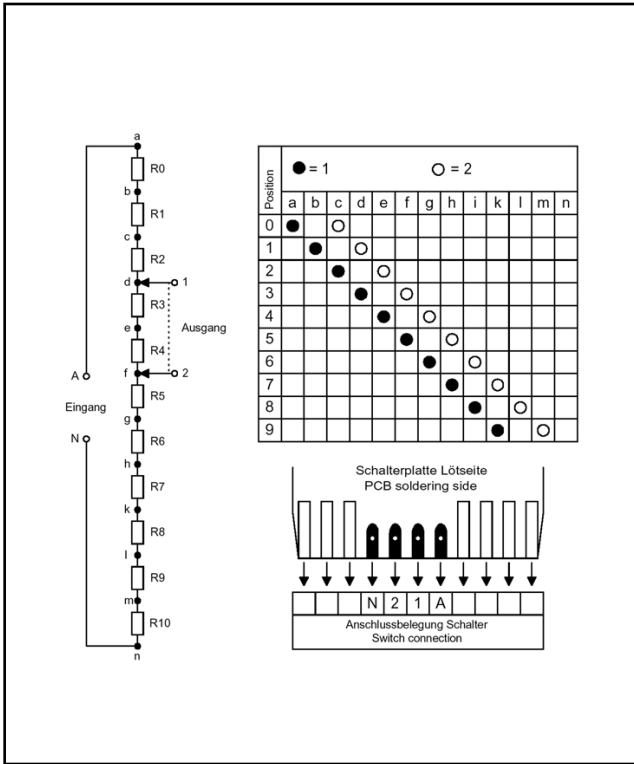
Code 614

BCD Positive



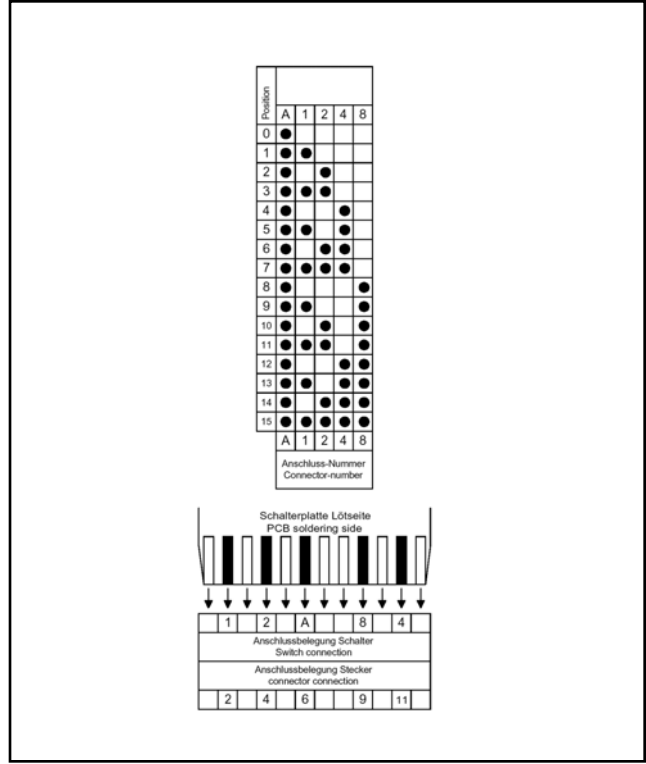
Code 618

Kelvin Varley Voltage divider



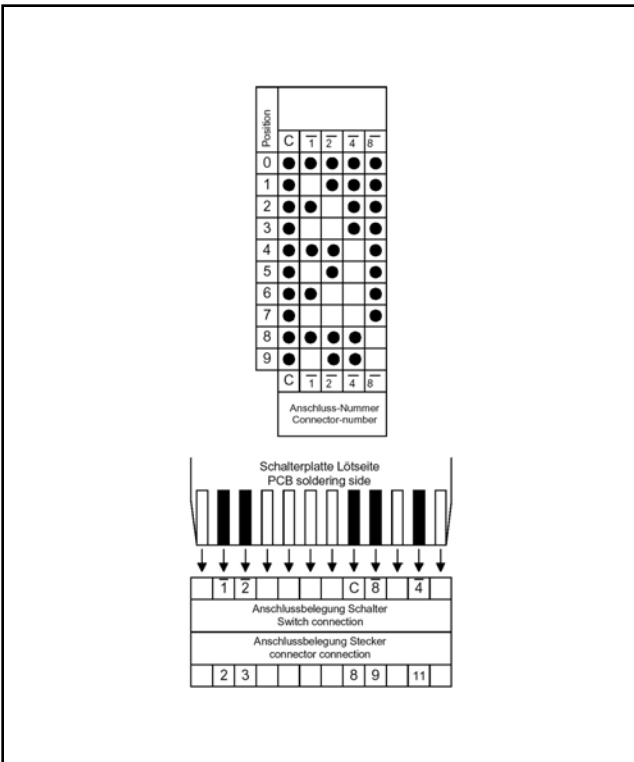
Code 627

Hexadezimal



Code 629

BCD negative



Code 644

Decimal 0-9 für Diodenmontage

