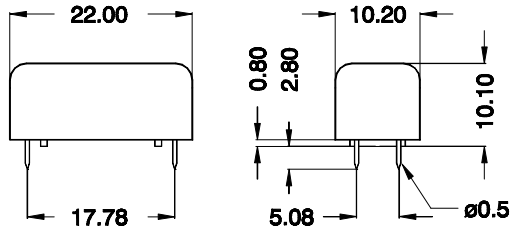
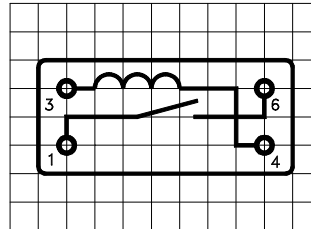


dimensions (tolerance $\pm 0,1\text{mm}$)



layout 210 pitch 2,54 / top view



marking



marking of code for manufacturing date according to DIN EN 60062
P = manufacturing plant

coil data	condition	Min.	Typ.	Max.	Unit
coil resistance	at 20°C	4500		5500	Ω
nominal voltage			24,0		VDC
pull-in voltage				16,8	VDC
drop-out voltage		3,6			VDC
coil voltage	at 20°C			90	VDC
coil voltage	at 60°C			56	VDC
nominal power	determined with nominal voltage and rated current		115		mW

contact data 71 (Form A/Dry)					
contact material		Ruthenium			
rated power	each combination of the switching voltage and current must not exceed the given rated power			10	W
switching voltage				180	VDC
switching current				0,5	A
carry current				1,5	A
static contact resistance	starting values measured with $1,4 \times AT_{\text{pull-in}}$			150	m Ω
Insulation resistance	RH Ω 45%	10^{12}			Ω
breakdown voltage		200			VDC
capacitance	without test coil			0,3	pF

relay data					
insulation resistance coil-contact		10^{10}			Ω
insulation voltage coil-contact		2,12			kVDC
shock	½ sine wave, duration 11ms			150	g
vibration	10 – 2000Hz			10	g
operate time inclusive bounce	measured at $1,4 \times AT_{\text{pull-in}}$		0,5		ms
release time			0,1		ms

general data					
operating temperature		-20		70	°C
storing temperature		-25		85	°C
soldering temperature	5 sec. at			260	°C
washability		fully sealed			
material of case		metal case			
sealing compound		polyester-/polyetherurethan self-extinguishing V-0 according to UL94			
material of pins		Cu-alloy tinned			