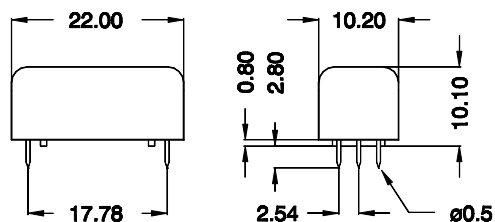
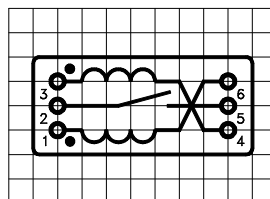


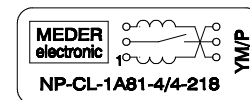
dimensions (tolerance $\pm 0,1\text{mm}$)



layout 218 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	3,6		4,4	Ω
pull-in current				15,0	mA DC
drop-out current		5,0			mA DC
coil current	at 20°C			429	mA DC
coil current	at 60°C			266	mA DC
inductivity	at 1 kHz single coil	0,64		0,96	mH
inductivity	at 1 kHz coils in series	2,56		3,84	mH

contact data 81 (Form A/Dry)					
contact material				Ruthenium	
rated power	each combination of the switching voltage and current must not exceed the given rated power			5	W
switching voltage				90	VDC
switching current				0,5	A
carry current				1,0	A
static contact resistance	initial values measured with $1,4 \times AT_{\text{pull-in}}$			200	m Ω
Insulation resistance	RH Ω 45%	10^9			Ω
breakdown voltage		100			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	$\frac{1}{2}$ 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
life expectancy	5V, 100mA		5×10^7		
cleaning				fully sealed	
material of case				metal RFe80	
sealing compound				epoxy resin	
material of pins				Cu-alloyed tinned	