

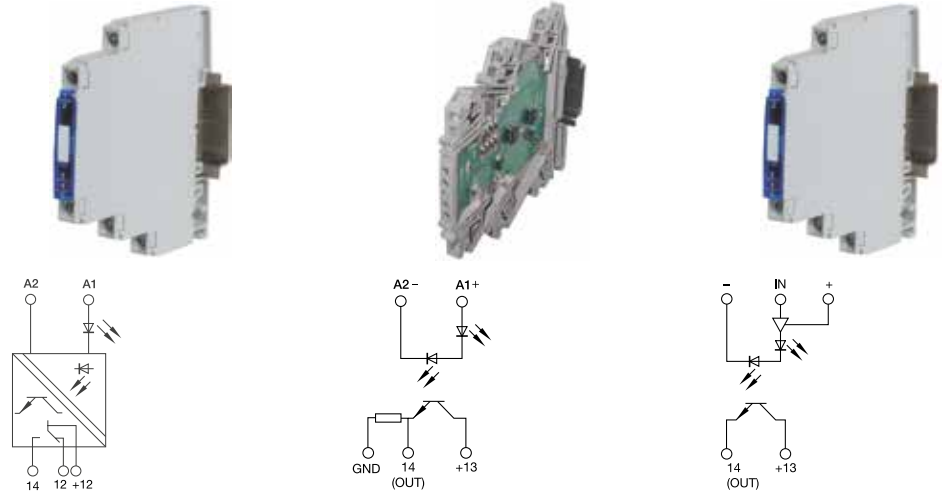
# SOLID STATE RELAY MODULES SINGLE CHANNEL



- Not-pluggable relay
- Simulated SPD output contact

**NOTE**  
Manufacturer and model of the components is not binding, technical data are to be considered typical

[2] simulated SPDT contact



CODE	X766083	XCKS1S	X766082
<b>TYPE</b>	<b>CWOT 6-2083 (1)</b>	<b>CKS1S (1)</b>	<b>CWOT 6-6082 (1)</b>
<b>INPUT TECHNICAL DATA</b>			
Input rated voltage	24 Vdc (range 10...40 Vdc)	5-12-24 Vdc (range 4...30 Vdc)	5-12-24 Vdc (range 4.5...28 Vdc)
Pull in drop out voltage type	5 V / 5 V	3 V / 3 V	4.2 V / 2.7 V
Current consumption	6 mA ±10% at 24 Vdc	10 mA ±10% at 24 Vdc	0.1 mA ±10%
Turn ON OFF time	12 µs / 12 µs	—	12 µs / 12 µs
Frequency	1 KHz	20 kHz max duty cycle 50/50, 70/30 max	20 KHz
Protection circuit	Free-wheel diode	—	—
Connection type	2.5 mm <sup>2</sup> screw type	2.5 mm <sup>2</sup> spring type	2.5 mm <sup>2</sup> screw type
Input channels	1 not pluggable	1 not pluggable	1 not pluggable
<b>OUTPUT TECHNICAL DATA</b>			
Contact type	transistor [2]	transistor	mosfet
Output voltage	5...48 Vdc	3...30 Vdc	5...48 Vdc
Nominal current	10...500 mA (24 Vdc)	80 mA (30 Vdc) at 25°C	10...500 mA (24 Vdc)
Max current	—	—	—
Leakage current with signal 0	—	—	—
Min applicable load	—	2 mA / 10 mV	—
Max fuse current	—	—	—
Connection type	2.5 mm <sup>2</sup> (AWG26-14), screw type	2.5 mm <sup>2</sup> (AWG26-14), spring type	2.5 mm <sup>2</sup> (AWG26-14), screw type
Protection circuit device	suppressor diode	—	—
<b>GENERAL TECHNICAL DATA</b>			
Operating temperature range	-25...+60°C	-20...+60°C	-25...+60°C
Input output isolation	3.5 kVac / 60 s	3 kVac / 60 s	3.5 kVac / 60 s
Protection degree	IP 20	IP 00 / IP20 [3]	IP 20
Reference Standards	—	—	—
Overvoltage category pollution degree	II / 2	II / 2	II / 2
Status indication	LED "Input"	LED "Input"	LED "Input"
Housing material	UL94V-0 plastic material	UL94V-0 plastic material	UL94V-0 plastic material
Dimensions	84x79x6.2 mm	6x91x100 mm	6.2x79x84 mm
Approximate weight	29 g	32 g	29 g
Mounting information	on a rail, side by side	on a rail, side by side	on a rail, side by side
<b>APPROVALS</b>	<b>CE</b>	<b>CE</b>	<b>CE</b>
<b>ACCESSORIES</b>			
Mounting rail IEC60715 TH35 75	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail IEC60715 TH35 15	—	—	—
Marking tag	—	NU0851	—
Spare part relay	—	—	—
End section	—	XCKPT	—
Plugin jumper	—	PTC/4/02 (2 poles) PTC/4/03 (3 poles) PTC/4/04 (4 poles) PTC/4/05 (5 poles) PTC/4/10 (10 poles) PTC/4/00 (42 poles)	—