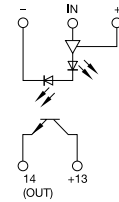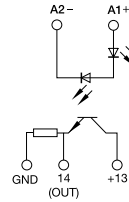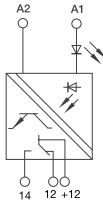- Not-pluggable relay
- Simulated SPD output contact

NOTE
Manufacturer and model of the components is not binding, technical data are to be considered typical
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(2) simulated SPDT contact
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CODE	X766083	XCKS1S	X766082
TYPE	CWOT 6-2083 (1)	CKS1S (1)	CWOT 6-6082 (1)
INPUT TECHNICAL DATA			
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 indrop 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 mm² screw type	2.5 mm² spring type	2.5 mm² screw type
Input channels	1 not pluggable	1 not pluggable	1 not pluggable
OUTPUT TECHNICAL DATA			
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 mm² (AWG26-14), screw type	2.5 mm² (AWG26-14), spring type	2.5 mm² (AWG26-14), screw type
Protection circuit device	suppressor diode	—	—
GENERAL TECHNICAL DATA			
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
APPROVALS	CE	CE	CE
ACCESSORIES			
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)	—