

VYR90270

CONNECTION TECHNOLOGY • SIGNAL INVERTERS



Ambient temperature-10 °C 60 °CDegree of protection (IP)IP67Housing materialAluminiumMounting methodDirect mountingPositioning of cable feed, field sideAngledPositioning of cable feed, housing sideStraightELECTRICAL DATANoClock function, starting with break, variableNoFunction flashing, starting with pulse, variableNoFunction flashing, starting with pulse, fixed timeNoFunction flashing, starting with pulse, fixed timeNoFunction on-delayNoMumber of outputs, delayed, change-over contact0Number of outputs, delayed, normally closed contact0Number of outputs, undelayed, normally open contact0Number of outputs, undelayed, normally open contact0Number of pins of the competor3Number of six thing outputs1OFF pulse functionNoOff-delayed functionNoOff-delayed functionNoOutputs, delayed, normally open contact0Number of pins of the coupling3Number of six thing outputs1OFF pulse functionNoOff-delayed functionNoOutputs, delayed, locadeNoOutputs, delayed, normally open contact0Outputs, delayed, normally open contact0Number of six thing outputs1OFF pulse functionNoOff-delayed functionNoOutputs, delayed functionNoOutputs, delayed funct	MECHANICAL DATA	
Housing materialAluminiumMounting methodDirect mountingPositioning of cable feed, field sideAngledPositioning of cable feed, housing sideStraightELECTRICAL DATAEClock function, starting with break, variableNoClock function, starting with break, fixed timeNoFunction flashing, starting with pulse, variableNoFunction flashing, starting with pulse, fixed timeNoFunction on-delayNoMax. output current0.3 ANumber of outputs, delayed, change-over contact0Number of outputs, delayed, normally closed contact0Number of outputs, undelayed, normally closed contact0Number of outputs, undelayed, normally closed contact0Number of outputs, undelayed, normally closed contact0Number of pins of the connector3Number of pins of the connector3Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoONNoOutputs, delayed, selectableNoOutputs, delayed, selectableNoOutputs, delayed, normally closed contact1Number of pins of the coupling3Number of pins of the coupling3Number of pins of the coupling1OFF uplse functionNoOUtputs, delayed, longelayedNoOUtputs, delayed selectableNoOutputs, delayed selectableNoPlu	Ambient temperature	-10 °C 60 °C
Mounting methodDirect mountingPositioning of cable feed, field sideAngledPositioning of cable feed, housing sideStraightELECTRICAL DATANoClock function, starting with break, variableNoClock function, starting with break, fixed timeNoFunction flashing, starting with pulse, variableNoFunction flashing, starting with pulse, fixed timeNoFunction on-delayNoMax. output current0.3 ANumber of outputs, delayed, change-over contact0Number of outputs, delayed, normally closed contact0Number of outputs, undelayed, normally closed contact0Number of outputs, undelayed, normally closed contact0Number of outputs, undelayed, normally closed contact0Number of pins of the connector3Number of pins of the connector3Number of pins of the connector3Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoOlypus functionNoOutputs, delayed, selectableNoOutputs, delayed selectableNoOutputs, delayed selectableNoOutputs, delayed selectableNoOutputs, delayed functionNoOutputs, delayed functionNoOutputs, delayed functionNoOutputs, delayed functionNoOutputs, delayed functionNoOutputs, delayed functionNoOutput	Degree of protection (IP)	IP67
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Clock function, starting with break, variableNoClock function, starting with pulse, variableNoFunction flashing, starting with break, fixed timeNoFunction flashing, starting with pulse, fixed timeNoFunction on-delayNoMax. output current0.3 ANumber of outputs, delayed, change-over contact0Number of outputs, delayed, normally closed contact0Number of outputs, delayed, normally open contact0Number of outputs, undelayed, normally closed contact1Number of outputs, undelayed, normally open contact0Number of pins of the connector3Number of pins of the coupling3Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPulse shaping functionNo	Positioning of cable feed, housing side	Straight
Clock function, starting with pulse, variableNoFunction flashing, starting with break, fixed timeNoFunction flashing, starting with pulse, fixed timeNoFunction on-delayNoMax. output current0.3 ANumber of outputs, delayed, change-over contact0Number of outputs, delayed, normally closed contact0Number of outputs, delayed, normally closed contact0Number of outputs, undelayed, normally closed contact0Number of outputs, undelayed, normally closed contact0Number of outputs, undelayed, normally closed contact1Number of outputs, undelayed, normally closed contact1Number of outputs, undelayed, normally closed contact0Number of outputs, undelayed, normally open contact0Number of pins of the connector3Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPulse shaping functionNo	ELECTRICAL DATA	
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Function on-delayNoMax. output current0.3 ANumber of outputs, delayed, change-over contact0Number of outputs, delayed, normally closed contact0Number of outputs, delayed, normally open contact0Number of outputs, undelayed, change-over contact0Number of outputs, undelayed, normally closed contact1Number of outputs, undelayed, normally closed contact1Number of outputs, undelayed, normally open contact0Number of outputs, undelayed, normally open contact0Number of pins of the connector3Number of pins of the connector3Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPulse shaping functionNo	Function flashing, starting with break, fixed time	No
Max. output current0.3 ANumber of outputs, delayed, change-over contact0Number of outputs, delayed, normally closed contact0Number of outputs, delayed, normally open contact0Number of outputs, undelayed, change-over contact0Number of outputs, undelayed, normally closed contact1Number of outputs, undelayed, normally closed contact1Number of outputs, undelayed, normally closed contact0Number of outputs, undelayed, normally closed contact0Number of outputs, undelayed, normally open contact0Number of pins of the connector3Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	Function flashing, starting with pulse, fixed time	No
Number of outputs, delayed, change-over contact0Number of outputs, delayed, normally closed contact0Number of outputs, delayed, normally open contact0Number of outputs, undelayed, change-over contact0Number of outputs, undelayed, normally closed contact1Number of outputs, undelayed, normally open contact0Number of outputs, undelayed, normally open contact0Number of outputs, undelayed, normally open contact0Number of pins of the connector3Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPulse shaping functionNoPulse shaping functionNo	Function on-delay	No
Number of outputs, delayed, normally closed contact0Number of outputs, delayed, normally open contact0Number of outputs, undelayed, change-over contact0Number of outputs, undelayed, normally closed contact1Number of outputs, undelayed, normally open contact0Number of pins of the connector3Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	Max. output current	0.3 A
Number of outputs, delayed, normally open contact0Number of outputs, undelayed, change-over contact0Number of outputs, undelayed, normally closed contact1Number of outputs, undelayed, normally open contact0Number of pins of the connector3Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	Number of outputs, delayed, change-over contact	0
Number of outputs, undelayed, change-over contact0Number of outputs, undelayed, normally closed contact1Number of outputs, undelayed, normally open contact0Number of pins of the connector3Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	Number of outputs, delayed, normally closed contact	0
Number of outputs, undelayed, normally closed contact1Number of outputs, undelayed, normally open contact0Number of pins of the connector3Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoON pulse functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	Number of outputs, delayed, normally open contact	0
Number of outputs, undelayed, normally open contact0Number of pins of the connector3Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoON pulse functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	Number of outputs, undelayed, change-over contact	0
Number of pins of the connector3Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoON pulse functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	Number of outputs, undelayed, normally closed contact	1
Number of pins of the coupling3Number of switching outputs1OFF pulse functionNoOff-delayed functionNoON pulse functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	Number of outputs, undelayed, normally open contact	0
Number of switching outputs1OFF pulse functionNoOff-delayed functionNoON pulse functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	Number of pins of the connector	3
OFF pulse functionNoOff-delayed functionNoON pulse functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	Number of pins of the coupling	3
Off-delayed functionNoON pulse functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	Number of switching outputs	1
ON pulse functionNoOperating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	OFF pulse function	No
Operating voltage10 V 36 VOutputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	Off-delayed function	No
Outputs, delayed/undelayed selectableNoPluggable on contactorNoPulse shaping functionNo	ON pulse function	No
Pluggable on contactorNoPulse shaping functionNo	Operating voltage	10 V 36 V
Pulse shaping function No	Outputs, delayed/undelayed selectable	No
	Pluggable on contactor	No
Rated control supply voltage Us at DC 10 V 36 V	Pulse shaping function	No
	Rated control supply voltage Us at DC	10 V 36 V

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IPF ELECTRONIC

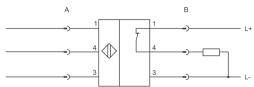
ELECTRICAL DATA

Reverse polarity protection	Yes
Short-circuit-proof	Yes
Star-delta function	No
Switching frequency	5000 Hz
Type of electrical connection, field side	M8
Type of electrical connection, housing side	M8
Type of plug-in contact, field side	Female (socket)
Type of plug-in contact, housing side	Male (plug)
Type of switching function	Breaker contact
Voltage type	DC
With inversion	Yes
With plug-in socket	No
With semiconductor output	Yes

OTHER DATA

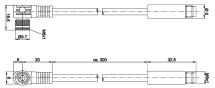
Remote operation possible	No
Suitable only for remote control	No

CONNECTION



Colors: A: 1 = BN (brown), 3 = BU (blue), 4 = BK (black) B: 1 = BN (brown), 3 = BU (blue), 4 = BK (black)**Functions:** A: 1 = L+, 3 = L-, 4 = PNP NO B: 1 = L+, 3 = L-, 4 = PNP NC

DIMENSIONAL DRAWING



INSTALLATION



Mounting / Installation may only be carried out by a qualified electrician!

DISPOSAL



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SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!