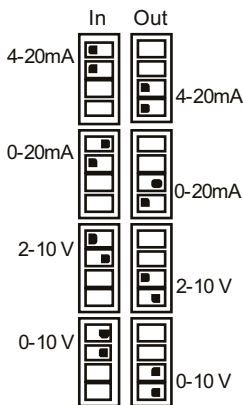




function

conversion of a standard electrical signal into another standard signal and galvanic isolation

dip switch adjustment



input and output signal can be adjusted by DIP switches on the front panel of the relay

part number

16.011.xx.000

	supply voltage selection
	A1-A2
01	24V UC
06	110V AC
02	230V AC

technical data

supply

supply voltage	A1-A2 selection see below
frequency range	0/50 ... 60 Hz
power consumption	approx. 2VA
operation mode	ontinuous
isolation voltage	24V -> 1kV 110/230V -> 3,75kV

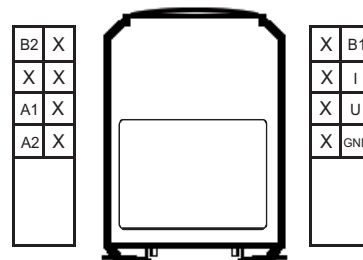
input / output

accuracy of measurement	0,5% over entire temp.- and voltage range
input	0 (4) ... 20mA 0 (2) ... 10V
internal resistance	I : 237 Ohm U : 20 kOhm
overload capacity	100% continiour 500% for 1s
output	0 (4) ... 20mA 0 (2) ... 10V
correction time	< 0,7 s

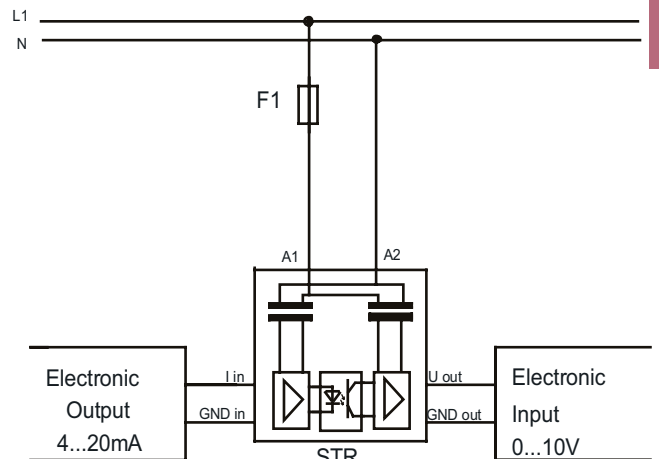
load output

current output	< 750 Ohm
voltage output	> 750 Ohm
isolation voltage I/O	3,75kV

connections

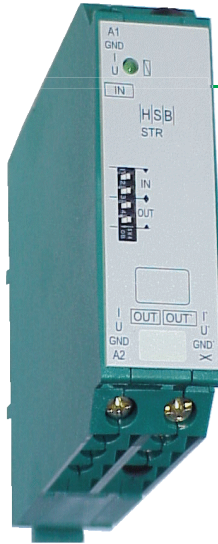


application example



transducers & isolation converters

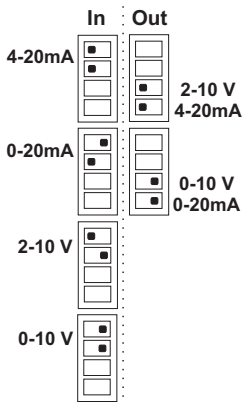
transducers and isolation converters
BTRx2 - current - voltage transducer
serie 22,5mm



function

conversion of a standard electrical signal into another standard signal and galvanic isolation

dip switch adjustment



input and output signal can be adjusted by DIP switches on the front panel of the relay

transducers & isolation converters

part number

16.012.01.000

supply voltage
24V AC/DC

16.032.xx.000

supply voltage selection

A1-A2	
06	110V AC
02	230V AC

technical data

supply

supply voltage	A1-A2 selection see below
frequency range	0/50 ... 60 Hz
power consumption	approx. 2VA
operation mode	continuous
isolation voltage	24V -> 1kV 110/230V -> 3,75kV

input / output

accuracy of measurement	0,5% over entire temp.- and voltage range
input	0 (4) ... 20mA 0 (2) ... 10V
internal resistance	I : 237 Ohm U : 20 kOhm
overload capacity	100% continuous 500% for 1s
output	0 (4) ... 20mA 0 (2) ... 10V
correction time	< 0,7 s

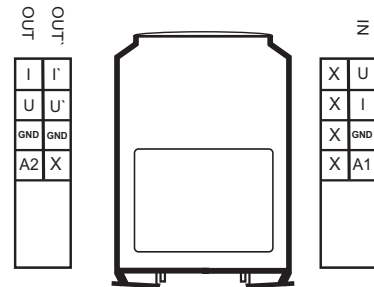
load output

current output	< 750 Ohm
voltage output	> 750 Ohm
isolation voltage I/O	3,75kV

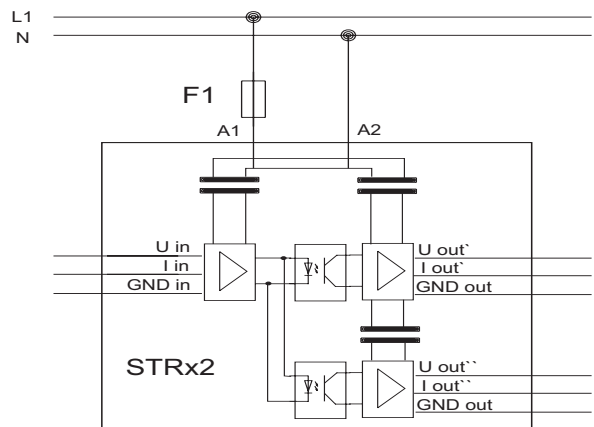
casing

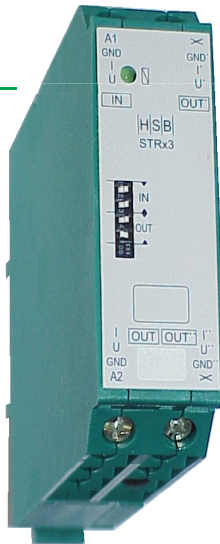
supply voltage <= 24VUC	22,5mm
supply voltage > 24VUC	45mm

connections



application example

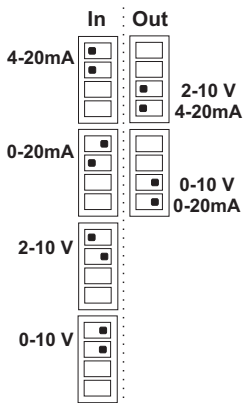




function

conversion of a standard electrical signal into another standard signal and galvanic isolation

dip switch adjustment



input and output signal can be adjusted by DIP switches on the front panel of the relay

part number

16.013.01.000

supply voltage
 24V AC/DC

16.033.xx.000

supply voltage selection

A1-A2
 06 110V AC
 02 230V AC

technical data

supply

supply voltage	A1-A2 selection see below
frequency range	0/50 ... 60 Hz
power consumption	approx. 2VA
operation mode	continuous
isolation voltage	24V -> 1kV 110/230V -> 3,75kV

input / output

accuracy of measurement	0,5% over entire temp.- and voltage range
input	0 (4) ... 20mA 0 (2) ... 10V
internal resistance	I : 237 Ohm U : 20 kOhm
overload capacity	100% continuous 500% for 1s
output	0 (4) ... 20mA 0 (2) ... 10V
correction time	< 0,7 s

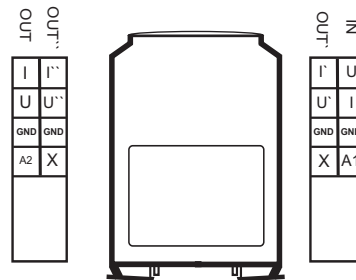
load output

current output	< 750 Ohm
voltage output	> 1000 Ohm
isolation voltage I/O	3,75kV

casing

supply voltage <= 24VUC	22,5mm
supply voltage > 24VUC	45mm

connections



application example

