/ellow LED

J₀ 0∠+ ... J₀ 0Z-

operating voltage

Polycarbonate

320 8

Continuous current max. 10 A / relay (80 A / 20 ms)

Current consumption 200 Am (AC) / Am (DC)

Operating voltage range 20 ... 28 V AC/DC (SELV)

Switching voltage max. 250 V AC

High-signal recognition >7 V AC/DC

Polyamide 6.6 V0

Polyamide 6.6 V0

mm 02l x 2,14 x 92l

polarity reversal protection of supply

max. AWG 18 (1,0 mm2) stranded wire

max. AWG 18 (1,0 mm²) stranded wire

ednalizing cable in bus / line topology

RS485 two wire bus with voltage

(factory setting 9600 Bd)

9600 ... 115200 Bd

9T\ZM 19nDA8

Knowledge about application and use of the device within the

grievous bodily harm or heavy material damage.

means that non-observance may cause risk of life,

The information of these instructions have to be read and un

Only qualified personnel shall do mounting and installation

Technicians and/or installers are informed that they have to

егестисыну агспатде тпетизегиез аз ртезстіред ретоте іпѕтанаті-

Keep the applicable directions for industrial safety and preventi-

the Federal Republic of Germany. If the device is used in other countries it applies to the equipment installer or the user to

The indicated installation directions or rules are applicable to

rnese instructions piease consuit supplier or manufacturer.

the device. In case of questions that cannot be answered wit

19200 Bd, 38400 Bd, 57600 Bd, 76800 Bd and 115200 Bd. ossible settings are addresses uu to be and baud rates 9600 Bd,

BACnet-Client. Addressing of the module and baud rate setting

J - A2) or with actuation to GND (A2, jumper J - F1. Inputs and outputs can be operated and scanned by standard objects via a

operated as contact and voltage inputs (A1, 24 V AC/DC; jumper

relays are provided with a manual control facility. Depending on the position of the Jumper (below the faceplate) the imput can be

for many other applications. We recommend to protect the relay contacts additionally by a RC-element or high inductive loads. The

it can also be used to control two motor driven fire dampers or

and to operate two light bands or to be used as sunblind control receive for example light switches and window contacts in a room

The BACnet MS/TP module with 4 digital inputs and 2 relay outputs is designed for local switching operations. It is suitable to

These instructions include indications for use and mounting of

work with the devices, see section "qualified personnel".

polarity reversal protection of

mm 2.1 .xsm of qu mm £.0 .nim

max. AWG 16 (1,5 mm 2) solid wire

mm 2.1 .xsm ot qu mm £.0 .nim

max. AWG 16 (1,5 mm²) solid wire

J∘ SS+ ... J∘ S-

.eq [ED

studtuo bna

Display

Status of the inputs

lemperature range

Protective circuitry

indiuO/iudal

Wire diameter

snd pue ylddns

(IEC 60529)

Cover plate

buisnoH

Meight

Judino

anduj

Judni agetloV

Relative duty cycle

Transmission rate

BACnet Interface

3. Technical Data

Knowledge of safety rules.

This includes for example:

ments of their work.

Qualified Personnel

if by respecting the internal directions.

Warning of dangerous electrical voltage

derstood by every person using this device.

on or maintenance of the devices.

Safety Instructions

meet the national directions.

on of accidents as well as the VDE rules.

Notes Regarding Device Description

2. Declaration of Conformity

1108831326IP

C Logline

BMT-DIO4/2-IP

Digital I/O Module

ssebi ezilsel eW

CONNECT

TT3M -

available at the manufacturer BTR NETCOM GmbH.

onformity was proofed. The declaration of confor

Protocoll

Module connection

Terminal blocks

Type of protection

Terminal blocks

Dimensions WxHxD

Error indication

RIA CONNECT BTR NETCOM (MC TEC

Members of METZ CONNECT

moo.roanng instruction see www.mers-connism gniranow. Distributed by RIA CONNECT GmbH and BTR NETCOM GmbH METZ CONNECT | Im Tal 2 | 78176 Blumberg | Germany | Phone +49 7702 533-0 | Fax +49 7702 533-433

> Operation Temperature range

> > Ρτοτεςτίνε ςιτςμιτιγ

Cover plate

Terminal blocks

Mounting in series Mounting

Mounting position

Dimensions WxHxD

Weight

BuisuoH

JudinO

anduj

Cabling

all contacts

Output contacts

Voltage input

Relative duty cycle

Current consumption

93ACnet Interface 3. Technical Data

Knowledge of safety rules.

This includes for example:

Jennosaed beifilau p

ments of their work.

J∘ SS+ ... J∘ S-

Polycarbonate

is mandatory.

6 97 L

A 2S

30 V AC/DC

(JU) AM 61 \ (JA) AM UUS

(factory setting 9600 Bd)

9T\2M 19nDA8

devices and whose professional qualification meets the require-

persons who are well versed in the use and installation of such

means that non-observance may cause risk of life,

The information of these instructions have to be read and un-

work with the devices, see section "qualified personnel".

Only qualified personnel shall do mounting and installation

electrically discharge themselves as prescribed before installati-Technicians and/or installers are informed that they have to

Keep the applicable directions for industrial safety and preventi-

countries it applies to the equipment installer or the user to the rederal kepublic of Germany. It the device is used in other The indicated installation directions or rules are applicable to

rnese instructions piease consult supplier or manufacturer.

the device. In case of questions that cannot be answered with

19200 Bd, 38400 Bd, 57600 Bd, 76800 Bd and 115200 Bd.

Possible settings are addresses 00 to F9 and baud rates 9600 Bd, BACnet-Client. Addressing of the module and baud rate setting are done with the two address switches ($X \mid X$) but from a set done with the two address switches ($X \mid X$).

J - A2) or with actuation to GMD (A2; jumper J - A1. Inputs and outputs can be operated and scanned by standard objects via a

operated as contact and voltage inputs (A1, 24 V AC/DC; jumper

relays are provided with a manual control facility. Depending on the position of the jumper (below the faceplast) the inputs can be presented as contact and voltage inputs (A) A V A CIDC impropriated

for many other applications. We recommend to protect the relay contacts additionally by a RC-element or high inductive loads. The

receive for example light switches and window contacts in a room and to operate two light hands or to be used as sunblind control. It can also be used a control that the control will be used to control the control to the control that the contro

It can also be used to control two motor driven fire dampers or

The BACnet MS/TP module with 4 digital inputs and 2 relay outputs is designed for local switching operations. It is suitable to

Notes Regarding Device Description

onformity was proofed. The declaration

2. Declaration of Conformity

available at the manufacturer BTR NETCOM GmbH.

hese instructions include indications for use and mounting o

Qualified personnel in the sense of these instructions are

grievous bodily harm or heavy material damage.

Warning of dangerous electrical voltage

on or maintenance of the devices.

Safety Instructions

1. Description

1108831326

S Logline

BMT-DIO4/2

Pigital I/O Module

meet the national directions.

derstood by every person using this device.

equalizing cable in bus / line topology

KS485 two wire bus with voltage

Continuous current max. 16 A / relay (80 A / 20 ms)

Operating voltage range 20 ... 28 V AC/DC (SELV)

Switching voltage max. 250 V AC

High-signal recognition
 V AC/DC

Polyamide 6.6 V0

Polyamide 6.6 V0

rate connection to the power supply

the connection to DC) per connection to DC) sqmA S similar the vorse slimit to similar transitives a should should be should b

o a maximum power consumption of

connected in line is limited to 15 or

the maximum quantity of modules

21709 D3I rag 2EHT list brabnats

(mm 27 x 07 x 02) .ni 0.£ x 8.2 x 0.2

plock of additional modules a sepa-

operating voltage polarity reversal protection of supply

polarity reversal protection of

snq pue

mm 7.2 xem of qu mm 8.0 .nim max. AWG 14 (2.5 mm²) stranded wire max. AWG 12 (4.0 mm²) solid wire Module connection included to each packing unit) (recuius) plock and lumber bing are mm 4.1 .xsm of qu mm £.0 .nim max. AWG 16 (1,5 mm², solid wireg wire (5mm 0,1) 8f DWA .xsm sng pue fiddns Terminal blocks Terminal blocks (IEC 00253) Type of protection

Group	nsni 8	ıck jubnç		
	D to sradmaM	groups		
			R: Read Property, W: Write Property, -E: Sto	orage in EEPROM
uo10_10_tsi_	b_Members	see next Table		Я
vlesent_Valu	ē	Present_Value of Binary Inputs, see next Table		Я
Object_Type		(11)		Я
omsN_toeldC		"Group 1" "Group 3"		Я
tnabl_toaldC	fier	group, instance 1 3		Я
roperty		Remark / Value		КW

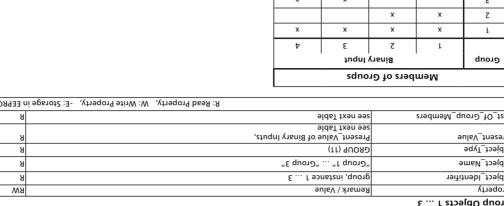
Function Table for Binary Input							
OUT_OF_ SERVICE_	Present_ Value	ginary Tuqul	Polarity	- 10_tuO - σοΪντος			
0	0 1	0 ا	0	0			
0	0	0	ı	0			
ι	x	0	0	ι			
ι	x	0 1	ι	ı			
	stugni yd be	etoeffe fon bne eld	alue is writal	x: Present_V			

oitonuT	to Table for Binary Input	
	R: Read Property, W: Write Property, -E: Storage i)8933 ni 9c
	2: Jobal broadcast	
	1: local broadcast,	
	0: no COV notification,	
eselD_noitesifitol	noitscifitoMVODbamrifnoonU badirosdusnU	B-W/B
tx9T_9vito.	"uO"	Я
tx9T_9vito6r	" 1 10"	Я
olarity	NORMAL (0) / REVERSE (1)	В-МЯ
ot_Of_Service	(1) TRUE (1)	МЯ
vent_State	(0) JAMRON	Я
	OUT OF SERVICE: 0/1	
	ONEKKIDDEN: 0	
	FAULT: 0	
sgel7_sutet	0 :M8AJA_IN	Я
resent_Value	NULL (write only) / INACTIVE (0) / ACTIVE (1)	МЯ
bject_Type	(E) TUPNI_YAANIB	В
9msM_to9jd	"Input 1" "Input 4"	В
bject_ldentifier	binary-input, instance 1 f	В
roperty	Remark / Value	МЯ
nary input Objects i	4.0.1	

Attennal vtternal									
Binary Input Objects 1 4									
ı	ι	ı	ו / 0 / ג אחרר / 0 / ג	l/0/0 l/0/0	l O	0	ι		
ı	ı	A	וחרר/ 0 / ג	1/0/0	l	0	ι		
ι	0	ı	וחרד/0/1 אחרד/0/1	l/0/0 l/0/0	ı	0	ι		
ι	0	A	וחרר/0/1	1/0/0	0	0	l		
0	ı	ı	וחרר / 0 / ג אחרר / 0 / ג	0 1	r r	ι	0		
0	ı	A	ו / ס / ז	1/0/0	0/1/1	0	0		
0	0	ı	וחרר / 0 / ג אחרר / 0 / ג	l O	ι 0	ı	0		
0	0	A	ו/0/ז	1/0/0	1/0/0	0	0		
Out_Of_ Service	Polarity	Switch	Priority_ Array	Present_ Value	Binary Output	KIDDEN ONEK	OUT_OF_ SERVICE_		

	Function Table for Binary Output	
	R: Read Property, W: Write Property, -E: Storage in	и ЕЕРВОІ
	2: global broadcast	
	1: local broadcast,	
	0: no COV notification,	7-4411
zselO_noification_Class		RW-E
tx9T_9vit>A	J "Ou,	В
tx9T_9vitosn	H	Я
fluefa_dziupnile?	INACTIVE (0)	Я
[31] Array [16]	I (f) ACTIVE (0) / ACTIVE (1)	В
Polarity	NORMAL (0) / REVERSE (1)	вм-Е
Ot_Of_Service	FALSE (0) / TRUE (1)	км
etat2_tate	IO) NORMAL (0)	В
	OUT OF SERVICE: 0/1	
	(nO) Γ to (110) 0 distinct Γ	
	OVERRIDDEN: 0 = Switch A (Auto)	
sgal7_sutate	N _ A _ A _ B	В
Present_Value		ВM
9q\T_t>9ldC	I (4) TU9TUO_YAANIB	Я
9msN_tɔəjdC	"Relay 1" "Relay 2"	Я
Joject_Identifier	binary-output, instance 1 Σ	В
roperty	ania / valuan	VVA

	R: Read Property, W: Write Property, -E: Storage in	NO8433
zəma٦_ofnl_	L	BW-E
_Master	LZI	BW-E
noitqir	"BMT_DIO4/2_IP"	Я
hase_Revision	0	Я
ce_Address_Binding	-	Я
Der_Of_APDU_Retries	0	Я
timeout	00001	Я
nentation_Supported	NO_SEGMENTATION (3)	Я
_betqessA_dtpnedUQqA_	907	Я
ct_List [10]	6f quong, 4f Juqni-ynanid, 2f yuqueyienid, binary-output	Я
betroqqu2_seqyT_toejdO_lood	DEVICE, BINARY-OUTPUT, BINARY_INPUT, GROUP	Я
betroqqu2_zervices_looc	readProperty, writeProperty, device-communication-control, reinitialize-device, unconfirmed-cov-event-notification, who-has, who-is	Я
noisiveA_lood	ZL	Я
nois¹9V_loɔc	L	Я
ication_Software_Version	"0.1"	Я
noisivaA_asw	"0.1"	Я
e_Name	"BMT-DIO4/2-IP"	Я
lor_ldentifier	lZþ	Я
lor_Name	"HdmD mooted RTB"	Я
enana-111	(-)	



			£ 1 213	eid0 anox
	candui (a n	22211220112012		
	stuani vd b	etoefte fon bne eld	fetirw zi eule	x. Present Va
ι	x	ı O	ι	ι
ι	х	ı	0	ι
0	0	ı	ι	0
0	r o	l 0	0	0
OUT_OF_ SERVICE_	Present_ Value	Binary Juqul	Polarity	Out_Of Service
	uary Input	ia 101 eldsT no	itonu₹	

	for Binary Input	Function Table
MORATE L	R: Read Property, W: Write Property, -E: Storage in	
	1: local broadcast, 2: global broadcast	
B-W-E	Unsubscribed UnconfirmedCOVNotification 0: no COV notification,	Notification_Class
В	"uO"	1x9T_evit5A
В	"110"	lnactive_Text
з-мя	NORMAL (0) / REVERSE (1)	Polarity
МЯ	FALSE (0) / TRUE (1)	Out_Of_Service
В	(0)	Event_State
	FAULT: 0 OVERRIDDEN: 0 OUT OF SERVICE: 0/1	6 -
В	0 :M_ALARM	- status_Rlags
RW	NULL (write only) / INACTIVE (0) / ACTIVE (1)	Present_Value
В	(5) TUPUT (3)	Object_Type
В	"lnput 1" "lnput 4"	Object_Name
В	pinary-input, instance 1 ۴	Object_ldentifier
МЯ	Remark / Value	Property

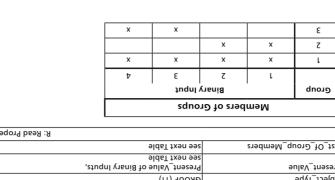
					enleV ∖ x	Remar		Property	
3inary Input Objects 1 4									
	ι	0	l O	l/0/0 l/0/0	וחרר/0/1 וחרר/0/1	ı	ı	ı	
Ì	ı	0	ı	1/0/0	וחרר/0/ג	A	ı	l	
	ı	0	ı	l/0/0 l/0/0	וחרד/0/1 אחרד/0/1	ı	0	ı	
	ı	0	0	1/0/0	ו/0/ו	A	0	ı	
	0	ı	ı	0 1	וחרר/0/1 אחרר/0/1	ı	ı	0	
	0	0	0/1/1	1/0/0	ו/0/ו	A	ı	0	
	0	ı	ı	ι 0	וחרר/0/1 אחרר/0/1	ı	0	0	
Ī	0	0	1/0/0	1/0/0	ו/0/ו	A	0	0	
	OUT_OF_ SERVICE_	KIDDEN ONEK	Binary Output	Present_ Value	Priority_ Array	Astiw2	Polarity	Out_Of Service	
	0 SERVICE	RIDDEN	Vienia Surpur 1\0\0	Value 0 / 0 / 1	Array NULL/0/1	A 0	0	Service 0	

n EEPROM	R: Read Property, W: Write Property, -E: Storage i	
	2: global broadcast	
	1: local broadcast,	
	0: no COV notification,	
В-МЯ	noiseatificationVODbemrifinoanU bediasedusnU	
В	"uO"	tx9T_9vi
В	" }} O"	tive_Text
В	(0) INACTIVE	fluefaultdsiupni
В	(1) ACTIVE (0) / ACTIVE (1)	[31] Array [16]
BW-E	NORMAL (0) / REVERSE (1)	arity
RW	FALSE (0) / TRUE (1)	£_Of_Service
В	(0) JAMAON	etat2_tn
	OUT OF SERVICE: 0/1	
	(nO) t 10 (ffO) 0 dyive = t	
	OVERRIDDEN: $0 = Switch A (Auto)$	
	FAULT: 0	
В	IN_ALARM: 0	sgal7_zut
МЯ	NULL (write only) \ INACTIVE (0) \ ACTIVE (1)	enleV_fines
В	(4) TU9TUO_YAANI8	ect_Type
В	"Relay 1" "Relay ∠"	ect_Name
В	binary-output, instance 1 Γ sonstani, judyuo-γranid	ect_ldentifier
МЯ	Remark / Value	perty
7414	1777 1 0	

z	l stoejdO	y Output
•	P - 7 , 40	,,

R: Read Property, W: Write Property, -E: Storage i	LEPR(
l	В-М-В
LZI	ВМ-Е
"BMT_DIO4/2_IP"	В
0	В
•	В
0	В
10000	В
NO_SEGMENTATION (3)	В
907	В
device, binary-output 1 Ly binary-input 14, group 13	В
DEVICE, BINARY-OUTPUT, BINARY_INPUT, GROUP	В
readProperty, writeProperty, device-communication-control, reinitialize-device, unconfirmed-cov-event-notification, who-has, who-is	В
ZI	В
l	В
"0.1"	В
"0.1"	В
"BMT-DIO4/2-IP"	В
UZ1	В
"BTR Netcom GmbH"	В
(0) JANOITARAIO	В
DEAICE (8)	В
max. 50 Bytes, default "BMT-DIO4/2-IP_" + Network-Address (Hexadecimal)	вм-Е
device, default instance: 421000 + Network-Address	ВМ-Е
	max. 50 Bytes, default "BMT-DIO4/2-IP," + Network-Address (Hexadecimal) DEVICE (8) "BTR Netcom GmbH" "BMT-DIO4/2-IP" "MT-DIO4/2-IP" "MT-DIO4/2-IP" "BMT-DIO4/2-IP" "BMT-DI

9. Software Description



		u	
əə[dO quo	c ts 1 3		
Present_Va	alue is writal	otoaffe fon bne affecte	stuqni yd be
	ι	0	х
	0	0	х
	ı	ı O	0 l

ronnection examples i 8. Connection examples

Dd/DA V AC/DC

GND 24 V AC/DC

Land\2nbbly

+a sna

-A 2U8 BUS A-

Connection example 2

24 V AC/DC

24 V AC/DC

rgung/supply

BUS B+

-A 2U8 +8 2U8 -A 2U8

				s)1i8 00	Factory setting: 96
112200	00892	00925	38400	19200	0096	Bitrate (Bit/s)
4	3	а	Э	8	A	fx dziws ssərbA
4	4	4	4	4	4	Ofx dotiwe seembA

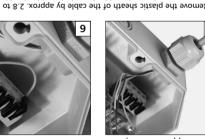
 Turn Switch x1 to select Network-Address Turn Switch x10 to select Network-Address put this device into operation, to power it down or to activate Red and green LEDs are blinking when Baudrate ist stored in EEPROM specifications and the local regulations and a qualification to • Qualification to connect the device according to the VDE • Turn Switch x10 to F, wait 1 Second Iurn Switch x1 to A - F to select Baudrate

• Turn Switch x10 to E (Device is temporaryly configured as Slave) devices and whose professional qualification meets the require (00 - F9; e.g. F9h = 15x16+9 = 2494) and Baudrate (FA - FF). bersons who are well versed in the use and installation of such Hexadecimal Switches x10, x1 define the Network-Address Qualified personnel in the sense of these instructions are

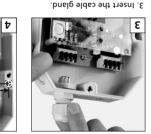
7. Network adress and Bit rate setting

B. Put the cover on and close it. 7. Connect the module according to the connection diagram. stranded wires), insert it into the terminal body and press the

5. Strip the wires by 0.3 in. (7 mm), (put a wire end sleeve on housing and tighten the cable gland. 5. Remove the plastic sheath of the cable by approx. 2.8 to 3.2 in, insert the cable through the cable glan into the

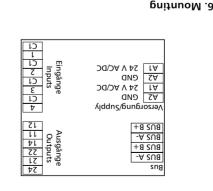


(3.5 x approx. 30 mm). 2 screws on an even, smootn surtace (screw 0.14 x 1.2 in.) 4. Mark the drill holes, drill the holes and fix the housing with

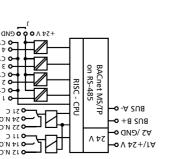




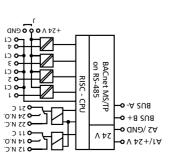
qualified persons only, by respecting all applicable Electric installation and device termination shall be done by Power down the equipment.



5. Connection Diagram



4. Wiring Diagram

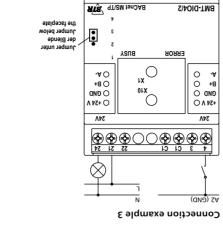


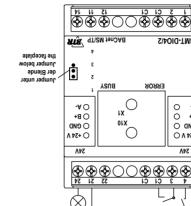
Device Object

			£ [sto	aidO auorā
	stuqni yd b	etoeffe ton bne eld	alue is writak	x: Present_V
ı	х	l O	ı	ı
l	х	r O	0	ι
0	0	r O	ι	0
0	0 1	l O	0	0
OUT OF SERVICE	Present Value	Rinary Tuqul	Polarity	Out_Of_ Service
	uary Input	ia 101 eldeT no	Functi	

	R: Read Property, W: Write Property, -E: Storage	NOЯЧЭЭ ni
	2: global broadcast	
	1: local broadcast,	
55D12-11012D21110A	0: no COV notification,	
ssel2_noitsoititoV	noissifizedVODbemrifnoonU bedirasdusnU	BW-E
tx9T_9vit2A	"nO"	Я
nactive_Text	"HO"	В
flusha_dziuprile?	(0)	В
riority_Array [16]	(1) ACTIVE (0) / ACTIVE	В
olarity	NORMAL (0) / REVERSE (1)	вм-Е
Out_Of_Service	FALSE (0) / TRUE (1)	КW
etat2_tnev	(0)	В
	FAULT: 0 = Switch 0 (Off) or 1 (On) OUT OF SERVICE: 0 / 1	
sgel7_sufet	IN_ALARM: 0	В
out_Value	NULL (write only) / INACTIVE (0) / ACTIVE (1)	КW
9qvT_tɔəjdC	(4) TU9TUO_YAANIB	В
9msN_tɔəjdC	"Relay" "Relay"	В
Joject_ldentifier	Z f acantani, instance 3	В
roperty	gemark / Value	МЯ

у ЕЕРВС	R: Read Property, W: Write Property, -E: Storage in	
В-МЯ	ı	Max_Info_Frames
В-МЯ	LZI	Max_Master
Я	"BMT_DIO4/2_IP"	Description
Я	0	noizivaA_asadataQ
Я	-	Device_Address_Binding
Я	0	Number_Of_APDU_Retries
Я	00001	tuo9miT_UQ9A
Я	NO_SEGMENTATION (3)	Segmentation_Supported
Я	907	bətqəɔɔA_dtpnəJ_UQ4A_xsM
Я	6-vice, binary-output 1 Ly binary-input 1 group 33	Object_List [10]
Я	DEVICE, BINARY-OUTPUT, BINARY_INPUT, GROUP	Protocol_Object_Types_Supported
Я	readProperty, writeProperty, device-communication-control, reinitialize-device, unconfirmed-cov-event-notification, who-has, who-is	Protocol_Services_Supported
Я	ZI	Protocol_Revision
Я	L	Protocol_Version
Я	"0.1"	Application_Software_Version
Я	"0.1"	Firmware_Revision
Я	"BMT-DIO4/2-IP"	Model_Name
Я	1751	Vendor_ldentifier
Я	"HdmD mooted RT8"	Vendor_Name
Я	OPERATIONAL (0)	System_Status
Я	DEAICE (8)	Object_Type
В-МЯ	max. 50 Bytes, default "BMT-DIO4/2-IP_" + Network-Address (Hexadecimal)	Object_Name
ВМ-Е	device, default instance: 421000 + Network-Address	Object_ldentifier





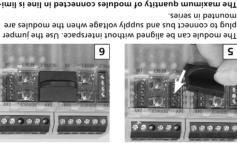
(24 V AC /DC) C+1 seldmexe noitoennoD

Bitrate (Bit/s) 9600 19200 38400 57600 76800 115200 Factory setting: 9600 Bit/s Factory setting: 9600 Bit/s Pactory setting: 9600 Bit/s							
Factory setting: 9600 Bit/s							
٦	(s\tid) etstil	0096	19200	38400	00925	00892	112200
	fx dotiwe eeshA	A	8	Э	а	3	4
	Ofx dotives searbA	Н	4	F	4	4	4

 Turn Switch x1 to select Network-Address • Turn Switch x10 to select Network-Address • Knowledge about application and use of the device within the **EEPROM** • Red and green LEDs are blinking when Baudrate ist stored in put this device into operation, to power it down or to activate it by respecting the internal directions. Turn Switch x10 to F, wait 1 Second specifications and the local regulations and a qualification to • Qualification to connect the device according to the VDE Turn Switch x10 to E (Device is temporaryly configured as Slave) (00 - F9; e.g. F9h = 15x16 + 9 = 249d) and Baudrate (FA - FF).

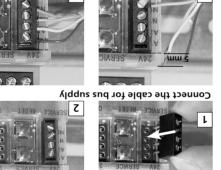
Configuration Switches Hexadecimal Switches x10, x1 define the Network-Address On the Network Address 7. Network adress and Bit rate setting

similar block of additional modules a separate connection (AC or DC) per connection to the power supply. For any ed to 15 or to a maximum power consumption of 2 Amps The maximum quantity of modules connected in line is liminounted in series.

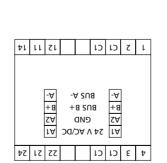


Mounting in series

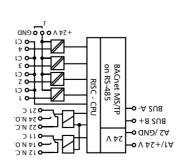
002211 00897 00972 00488



Plug in the terminal block for bus connection qualified persons only, by respecting all applicable specifications and regulations. Electric installation and device termination shall be done by unction boxes and/or on distribution panels Power down the equipment Mount the module on standard rail (TH35 per IEC 60715 in

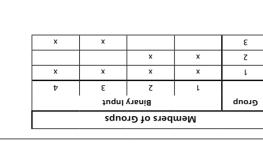


6. Mounting



4. Wiring Diagram sındıno & sındui

Status of the Operating / bus activity green LED Continuation Technical Data



	R: Read Property, W: Write Property, -E: Stor	in EEPRO
st_Of_Group_Members	eldaT txen ese	Я
	see next Table	
esent_Value	Present_Value of Binary Inputs,	Я
bgvt_tɔəld	GROUP (11)	Я
bmsN_tɔəjd	"Group " "Group 3"	В
bject_ldentifier	group, instance 1 3	В
oberty	Remark / Value	КW

RIA CONNECT BYRNETCOM (MC TECHNOLOGY

Members of METZ CONNECT

			£ 1 13	Group Obje
	studni yd b	etoeffs fon bns eld	latirw si sula	x: Present_V
ı	х	ı O	ı	ı
ı	x	ı O	0	ı
	0	ı		

		ı					
ι	х	0	0	ı			
0	0	0	ı	0			
0	r o	0	0	0			
OUT_OF_ SERVICE_	Present_ Value	Binary Inquf	Polarity	Out_Of_ Service			
Function Table for Binary Input							

R: Read Property, W: Write Property, -E: Storage in	-E: Storage in EEPROM
λ: global broadcast	
Unsubscribed UnconfirmedCOVNotification	BW-E
"nO"	Я
"110"	Я
NORMAL (0) / REVERSE (1)	в-м-Е
FALSE (0) / TRUE (1)	WЯ
NORMAL (0)	В
OUT OF SERVICE: 0/1	
	ы
	WA
(E) TU9NI YAANIB	Я
"Input 1" "Input 4"	Я
binary-input, instance 1 4	В
Kemark / Value	МЯ
	binary-input, instance 14 "Input 1" "Input 4" BINARY_INPUT (3) NULL (write only) / INACTIVE (0) / ACTIVE (1) IN_ALARM: 0 OUT OF SERVICE: 0 / 1 NORMAL (0) LALSE (0) / TRUE (1) NORMAL (0) / REVERSE (1) UNAMAL (0) / REVERSE (1) UNAMAL (0) / REVERSE (1) UNAMAL (0) / REVERSE (1) 'On" Unsubscribed UnconfirmedCOVNotification Unsubscribed UnconfirmedCOVNotification 1: local broadcast,

Discourt Imput Objects 4								
ι	0	ι 0	l/0/0 l/0/0	וחרר/0/1 אחרר/0/1	0 1	ι	ι	
l	0	l	1/0/0	ו/0/ו	A	ı	ι	
ı	0	r 1	l/0/0 l/0/0	וחרר / 0 / ג אחרר / 0 / ג	ι 1	0	ι	
l	0	0	1/0/0	וחרד/0/1	A	0	ı	
0	ı	ι 0	0 1	וחרד/ 0 / ג אחרד / 0 / ג	ı	ı	0	
0	0	0/1/1	1/0/0	וחרר/ 0 / ג	A	ι	0	
0	ı	r 1	r r	וחרר/0/1 אחרר/0/1	ι 1	0	0	
0	0	1/0/0	1/0/0	ו/0/ו	A	0	0	
OUT_OF_ SERVICE_	KIDDEN OAEK	Binary Output	Present_ Value	Priority_ Array	Astiw2	Polarity	Out_Of_ Service_	
		ındır	for Binary O	eldaT noiton	п 1			

	R: Read Property, W: Write Property, -E: Storage i	oge in EEPROM
	Z: global broadcast	
	1: local broadcast,	
	0: no COV notification,	
otification_Class	noitsaititoNVODbemaitnoanU bediaasuu	B-W-E
tive_Text	"nO"	Я
tx9T_9vitosi	"HO"	Я
tlustaAsiupnila	INACTIVE (0)	Я
iority_Array [16]	(1) ACTIVE (0) ALTONE (1)	Я
yfinslo	NORMAL (0) / REVERSE (1)	вм-Е
ot_Of_Service	FALSE (0) / TRUE (1)	МЯ
ent_State	(0) JAMRON	Я
	OUT_OF_SERVICE: 0/1	
	l = Switch (Off) or l (On)	
	OVERRIDDEN: 0 = Switch A (Auto)	
66nu - 6nun	0 :TAULT:	
egel7_zutet	IN_ALARM: 0	Я
resent_Value	(t) AULL (write only) \ INACTIVE (0) \ ACTIVE (1)	wя
bject_Type	(4) TU9TUO_YAANIB	Я
9msN_to9jd	"Relay " "Relay 2"	Я
bject_ldentifier	binary-output, instance 1 Σ	Я
roperty	Remark / Value	МЯ

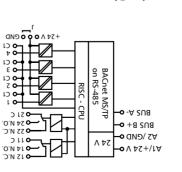
	Binary Output Objects 1 2
Kemark	Property
binary-c	Object_ldentifier
"Relay 1	Object_Name
YAANIA	agyT toaidO

semer4_ofnl_xe	ι	В-МЯ
naster_x_	LZI	В-М-Е
scription	"BMT_DIO4/2"	В
noisiveA_eash	0	Я
enibnia_essabbA_eoiv	-	Я
ımber_Of_APDU_Retries	0	Я
tuoəmiT_UQ	00001	В
gmentation_Supported	(£) NOITATION (3)	Я
betqessA_dtpned_VQ9A_xe	907	Я
[01] tsi1_tɔəjɑ	Ef quong, Af tuqni-ynanid, 2f tuquovy-inanid, group	Я
otocol_Object_Types_Supported	DEVICE, BINARY_OUTPUT, BINARY_INPUT, GROUP	Я
betroqqu2_services_looote	readProperty, writeProperty, device-communication-control, reinitialize-device, unconfirmed-cov-event-notification, who-has, who-is	Я
noisivaЯ_looota	۲۱	Я
nois y Version	l	Я
noizse_Version_Software_Version	"0.1"	Я
noisive_Revision	"0.1"	Я
əms/l_ləbo	"BMT-DIO4/2"	Я
ndor_ldentifier	lZþ	Я
ndor_Name	"Hdm2 moot9M AT8"	Я
sutat2_mets	(0) JANOITARAGO	Я
Ject_Type	DEAICE (8)	Я
oject_Name	max. 50 Bytes, default "BMT-DIO4/2_" + Network-Address (Hexadecimal)	вм-Е
oject_ldentifier	device, default instance: 421000 + Network-Address	в-ма
oberty	Кетатк / Value	КМ

Property Device Object 9. Software Description

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5. Connection Diagram



ssebi ezilsen eW

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