

## **AMMS 10-1 OPTO-COUPLER MODULE**

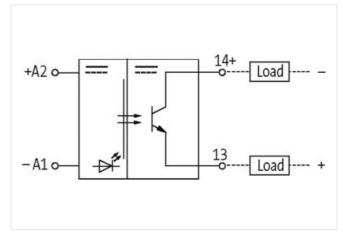
IN: 30 VDC - OUT: 48 VDC / 0.5 A

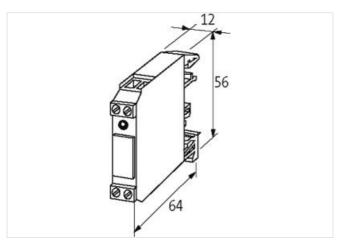
Transistor 0.5 A 4...30 V DC

## **Link to Product**

## Illustration







Product may differ from Image





Commercial data		
ECLASS-6.0	27371604	
ECLASS-6.1	27371604	
ECLASS-7.0	27371604	
ECLASS-8.0	27371604	
ECLASS-9.0	27371604	
ECLASS-10.1	27371604	
ECLASS-11.1	27371604	
ECLASS-12.0	27371604	

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stay connected

Common terriff number	ETIM-5.0	EC001504
GTIN         40488790280890           Packaging unt         1           Flactrical data Injust         Imput violipag OFF DG min         0 V           Injust violipag OFF DG min         4 V         1           Injust violipag OFF DG min         4 V         4 V           Injust violipag DG min         4 V         4 V           Switch of delay max         20 ms         20 ms           Switch of delay max         2 ms         2 ms           Switching frequency inductive max         10 Ms         2 ms           Switching frequency orbited max         7000 Mt         2 ms           Vallege watching DC min         4 V         4 V           Switching current max         0.5 A         3 ms           Switching current max         0.5 A         4 V           Beginsterior Switch and factor LED         red         red      <		
Packaging unit		
Electrical data   Input   Imput voltage OFF DC min.   0 V   Imput voltage OFF DC min.   2 V   Imput voltage DC min.   4 V   Imput voltage DC min.   10 mA   Imput voltage voltage often DC min.   10 mA   Imput voltage voltage voltage often DC min.   10 mA   Imput voltage voltage often DC min.   10 mA   Imput voltage voltag		
Input voltage OFF DC min. 0 V Input voltage OFF DC max. 2 V Input voltage DC min. 4 V Input voltage DC min. 4 V Input voltage DC max. 30 V Input voltage DC max. 10 mA  Electrical data! Output  Switch off delay max. 20 ms Outseared surrent OFF max. 10 MA  Switching frequency inductive max. 10 Hz Switching frequency inductive max. 7000 Hz Voltage switching DC min. 4.5 V Switching requency online max. 7000 Hz Voltage switching DC min. 4.5 V Switching voltage DC max. 44 V Switching current min. 1 mA Device protection I Electrical Hactaria I data i Mounting and I Hasta i Maint		
Input voltage DC mix.   4 V   V   V   V   V   V   V   V   V		• • •
Input voltage DC min.		
Input ovalage DC max.   30 V   Input current max.   10 mA		
Input current max:		
Electrical data   Output           Switch of delay max.         20 ms           Culisacional Current OFF max.         10 Hz           Switching frequency inductive max.         7000 HZ           Voltage switching DC min.         4.5 Y           Switching voltage DC max.         4.4 V           Switching current min.         1 mA           Switching current max.         0.5 A           Voltage askinding DC max.         1.2 Y           Well properties of the pr		
Switch off delay max.         20 ms           Quiescent current OFF max.         0,3 mA           Switching frequency ohmic max.         7000 Hz           Switching frequency ohmic max.         7000 Hz           Voltage switching DC min.         4,5 V           Switching vorgent min.         1 mA           Switching current max.         0,5 A           Voltage or DC max.         1,2 V           Device protection IED           Feed of musidiation voltage           8 Table of insulation voltage           A Table of insulation voltage           B Table of insulation voltage           A Table of insulation voltage           Machine of Media           Flags of insulation voltage           Machine of Insulation voltage <td></td> <td>10 MA</td>		10 MA
Quiescent current OFF max         0.3 mA           Switching frequency ohmic max.         7000 Hz           Voltage switching DC min.         4.5 V           Switching requency ohmic max.         44 V           Switching current min.         1 mA           Switching current max.         0.5 A           Voltage or DC max.         1.2 V           Diagnostics           Status indication LED         red           Device protection [Electrical           Rated insulation voltage         3750 V           Device protection Media         Flame retardant           Flame resistance         Illame retardant           Mechanical data [Material data         Color housing           Mechanical data [Mounting data         Black           Mechanical data [Mounting data         Mechanical data [Mounting data           Mechanical data [Mounting data         geschnappt           Suitable for mounting type         Mounting rail TH35, G32, (EN 60715)           Height         63 mm           Viding         11.8 mn           Depth         56 mm           Environmental characteristics [Climatic           Operating temperature min.         20 °C           Operating temperature min.         50 °C		
Switching frequency inductive max.         7000 Hz           Switching frequency ohmic max.         7000 Hz           Voltage switching DC min.         45 V           Switching urrent min.         1 mA           Switching urrent min.         1 mA           Switching urrent max.         0.5 A           Voltage drop DC max.         1,2 V           Degree treatment max.           Switching urrent max.           Voltage drop DC max.           De Dce DC max.           Voltage drop DC max.           Voltage drop DC max.           May drop drop DC max.           May drop drop DC max.           Voltage drop DC max.           Voltage drop DC max.           Voltage drop DC max.		20 ms
Switching frequency ohmic max.         7000 Hz           Voltage switching DC min.         4,5 V           Switching ourrent min.         1 mA           Switching ourrent max.         0,5 A           Voltage drop DC max.         1,2 V           Voltage drop DC max.         1,2 V           Device protection   Electrical           Rated insulation voltage         3750 V           Device protection   Media           Flame resistance         flame retardant           Mechanical data   Material data           Color housing         black           Mechanical data   Munting data           Mechanical data   Mounting data           Mechanical data   Mounting data           Mechanical data   Mounting data           Mechanical data   Mounting data           Mutable for mounting type         Mounting rall THS, G32, (EN 60715)           Build be for mounting type         Mounting rall THS, G32, (EN 60715)           Employee           Environmental characteristics   Climatic           Operating temperature min.         -20 °C           Operating temperature max.         60 °C           Connection type 2		0,3 mA
Voltage switching DC min.         4.5 V           Switching vortage DC max.         44 V           Switching current max.         0.5 A           Voltage drop DC max.         1,2 V           Diagnostics         Status indication LED           Status indication LED         red           Device protection   Electrical         Rated insulation voltage           Rated insulation voltage         3750 V           Device protection   Media         Flame restance           Flame resistance         flame retardant           Mechanical data   Material data         Color housing           Material housing         Plastic           Mechanical data   Munting data         Wounting rethod           Suitable for mounting type         Mounting ratif TH35, G32, (EN 60715)           Height         63 mm           Width         11,8 mm           Depth         56 mm           Environmental characteristics   Climatic           Operating temperature max.         60 °C           Connection type 2         Output           Connection type 2         Output           Connection type 2         Output           Connection form         terminal           Gender         female           No. op poles		10 Hz
Switching voltage DC max. 44 V Switching current min. 1 mA Switching current min. 0.5 A Voltage drop DC max. 1,2 V  Diagnostics  Status indication LED red  Pevice protection   Electrical  Rated insulation voltage 3750 V  Device protection   Media Flame resistance flame retardant  Mechanical data   Material data  Color housing Plastic  Mechanical data   Mounting data Mounting method geschnappt Suitable for mounting type Mounting rail TH35, G32, (EN 60715)  Height 63 mm  Environmental characteristics   Climatic  Departing temperature max. 60 °C  Connection type 1 Input  Connection type 2 Output  Connection type 1 Input  Gender female  No. of poles 2 Fixall' construction form terminals SK Fixall' post year of terminals Characteristics   Climatic  Fixall' post year of terminals SK Fixall' post year of terminals SK Fixall' post year of terminals Characteristics   Climatic  Gender female  Router female  Gender female		
Switching current min.         1 mA           Switching current max.         0,5 A           Voltage drop DC max.         1,2 V           Diagnostics           Status indication LED         red           Device protection   Electrical           Rated insulation voltage         3750 V           Device protection   Media           Flame resistance         If flame retardant           Mechanical data   Material data           Color housing           Make Amical data   Material data           Mechanical data   Mounting data           Mounting method           Meshanical data   Mounting data   Mounting ratil Th35, G32, (EN 60715)           Multiple of the mounting type           Mounting ratil Th35, G32, (EN 60715)           Height         63 mm           Wridth         11,8 mm           Depth         56 mm           Environmental characteristics   Climatic           Coperating temperature min.         -20 °C           Operating temperature max.         60 °C           Connection type 2         Output           Connection type 2         Output           Connection type 2         Output		
Switching current max.         0,5 A           Voltage drop DC max.         1,2 V           Diagnostics         Status Indication LED         red           Device protection   Electrical         Rated insulation voltage         3750 V           Device protection   Media         Flame resistance         flame retardant           Mechanical data   Material data         Webries   Material data   Material data           Color housing         black           Methanical data   Mounting data         Mechanical data   Mounting data           Mounting method         geschnappt           Suitable for mounting type         Mounting rail TH35, G32, (EN 60715)           Height         83 mm           Worth         11,8 mm           Depth         56 mm           Environmental characteristics   Climatic           Operating temperature min.         20 °C           Operating temperature min.         20 °C           Connection type 2         Output           Connection type 2         Output           Connection type 2         Output           Connection form         terminal           Gender         female           No. of poles         2		
Voltage drop DC max.   1,2 V		
Diagnostics           Status indication LED         red           Device protection   Electrical           Rated insulation voltage         3750 V           Device protection   Media           Flame resistance         flame retardant           Mechanical data   Meterial data           Color housing         black           Meterial housing         Plastic           Mechanical data   Mounting data           Mounting method         geschnapt           Suitable for mounting type         Mounting rail TH35, G32, (EN 60715)           Height         63 mm           Width         11,8 mm           Depth         56 mm           Environmental characteristics   Climatic           Environmental characteristics   Climatic         Corea           Connection type 2         0°C           Connection type 2         Output           Connection type 2         Output           Connection type 2         Output           Connection form         terminal           Gender         female           No. of poles         2           PIN 1         - A 1           Pin 2         - A 2           Connection form		
Status indication LED red  Pevice protection   Electrical  Rated insulation voltage 3750 V  Pevice protection   Media Flame resistance flame retardant  Mechanical data   Material data Color housing black Material housing Plastic  Mechanical data   Mounting data  Mounting method geschnappt Suitable for mounting type Mounting rall TH35, G32, (EN 60715)  Height 63 mm  Width 11,8 mm Depth 56 mm  Environmental characteristics   Climatic Operating temperature max. 60 °C  Connection type 2  Connection type 1 Input Connection type 2  Connection type 2  Connection Screw terminals KK  Family construction form terminal Gender female No. of poles 2  PiN 1 - A 1  PiN 2 + A 2  Connection Screw terminals SK Family construction form terminal Gender female Gender female Gender female Gender female Gender terminal SK Family construction form terminal Gender terminal SK Family construction form terminal Gender female Gender female	Voltage drop DC max.	1,2 V
Pevice protection   Electrical Rated insulation voltage 3750 V  Pevice protection   Media Flame resistance flame retardant  Mechanical data   Material data  Color housing black Material housing Plastic  Mechanical data   Mounting data  Mounting method geschnappt  Suitable for mounting type Mounting rail TH35, G32, (EN 60715)  Height 63 mm  Width 11,8 mm  Depth 56 mm  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 60 °C  Connection type 2  Connection type 2  Output  Connection 1ype 2  Output  Connection 5crew terminals SK  Family construction form terminal  Gender female  No. of poles 2  PIN 1 - A 1  PIN 2 + A 2  Connection 5crew terminals SK  Family construction form terminal  Gender female  Gender female  Gender female  Family construction form terminal SK  Family construction form terminal SK  Family construction form terminal SK  Family sonstruction form terminal SK  Family sonstruction form terminal SK  Family construction form terminal SK	Diagnostics	
Rated insulation voltage   3750 V     Device protection   Media   Flame resistance   flame retardant	Status indication LED	red
Device protection   Media           Flame resistance         flame retardant           Mechanical data   Material data         Color housing         black           Material housing         Plastic           Mechanical data   Mounting data         Mounting method         geschnappt           Suitable for mounting type         Mounting rail TH35, G32, (EN 60715)           Height         63 mm           Width         11,8 mm           Depth         56 mm           Environmental characteristics   Climatic           Operating temperature min.         20 °C           Operating temperature max.         60 °C           Connection type 2         Output           Connection type 2         Output           Connection         Screw terminals SK           Family construction form         terminal           Gender         female           No. of poles         2           PIN 1         -A 1           PIN 2         + A 2           Connection         Screw terminals SK           Family construction form         terminal           Gender         female	Device protection   Electrical	
Flame resistance flame retardant  Mechanical data   Material data  Color housing black  Material housing Plastic  Mechanical data   Mounting data  Mounting method geschnappt  Suitable for mounting type Mounting rail TH35, G32, (EN 60715)  Height 63 mm  Width 11,8 mm  Depth 56 mm  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 60 °C  Connection type 2  Connection type 1 Input  Connection type 2 Output  Connection Screw terminals SK  Family construction form termina  Gender female  No. of poles 2  PIN 1 - A 1  PIN 2 + A 2  Connection Screw terminals SK  Family construction form terminal  Gender female  Screw terminals SK  Family construction form terminal  Gender female  Screw terminals SK  Family construction form terminal  Gender female  Screw terminals SK  Family construction form terminal  Gender female  Screw terminals SK  Family construction form terminal  Gender female	Rated insulation voltage	3750 V
Mechanical data   Material data  Color housing black  Material housing Plastic  Mechanical data   Mounting data  Mounting method geschnappt  Suitable for mounting type Mounting rail TH35, G32, (EN 60715)  Height 63 mm  Vidth 11,8 mm  Depth 56 mm  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 60 °C  Connection type 2  Connection type 1 Input  Connection type 2 Output  Connection (ype 2 Output  Connection Screw terminals SK  Family construction form termial  Gender female  No. of poles 2  PIN 1 - A 1  PIN 2 + A 2  Connection Screw terminals SK  Family construction form terminal  Gender female  Gender female  Gender female  Gender female	Device protection   Media	
Color housing black Material housing Plastic  Mechanical data   Mounting data  Mounting method geschnappt  Suitable for mounting type Mounting rail TH35, G32, (EN 60715)  Height 63 mm  Width 11,8 mm  Depth 56 mm  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 60 °C  Connection type 2  Connection type 1 Input  Connection type 2 Output  Connection type 2 Output  Connection Screw terminals SK  Family construction form terminal  Gender female  No. of poles 2  PIN 1 -A 1  PIN 2 +A 2  Connection Screw terminal SK  Family construction form terminal  Gender female  Occupate the service of the se	Flame resistance	flame retardant
Material housing     Plastic       Mechanical data   Mounting data       Mounting method     geschnappt       Suitable for mounting type     Mounting rail TH35, G32, (EN 60715)       Height     63 mm       Width     11,8 mm       Depth     56 mm       Environmental characteristics   Climatic       Operating temperature min.     -20 °C       Operating temperature max.     60 °C       Connection type 2       Connection type 1     Input       Connection type 2     Output       Connection     Screw terminals SK       Family construction form     terminal       Gender     female       No. of poles     2       PIN 1     -A 1       PIN 2     + A 2       Connection     Screw terminals SK       Family construction form     terminal       Gender     female	Mechanical data   Material data	
Mechanical data   Mounting data       Mounting method     geschnappt       Suitable for mounting type     Mounting rail TH35, G32, (EN 60715)       Height     63 mm       Width     11,8 mm       Depth     56 mm       Environmental characteristics   Climatic       Operating temperature min.       -20 °C       Operating temperature max.     60 °C       Connection type 2       Connection type 1     Input       Connection type 2     Output       Connection type 2     Output       Connection     Screw terminals SK       Family construction form     terminal       Gender     female       No. of poles     2       PIN 1     - A 1       PIN 2     + A 2       Connection     Screw terminals SK       Family construction form     terminal       Gender     female	Color housing	black
Mounting method geschnappt  Suitable for mounting type Mounting rail TH35, G32, (EN 60715)  Height 63 mm  Width 11,8 mm  Depth 56 mm  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 60 °C  Connection type 2  Connection type 1 Input  Connection type 2 Output  Connection type 2 Output  Connection Screw terminals SK  Family construction form terminal  Gender female  No. of poles 2  PIN 1 -A 1  PIN 2 +A 2  Connection Screw terminals SK  Family construction form terminal  Gender female  Screw terminals SK  Family construction form terminal Screw terminals SK  Family construction form terminal Screw terminals SC  Pin 1 -A 1  Pin 2 +A 2  Connection Screw terminals SK  Family construction form terminal  Gender female	Material housing	Plastic
Suitable for mounting type Mounting rail TH35, G32, (EN 60715)  Height 63 mm  Width 11,8 mm  Depth 56 mm  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 60 °C  Connection type 2  Connection type 2  Connection type 2  Output  Connection Screw terminals SK  Family construction form terminal  Gender female  No. of poles 2  PIN 1 - A 1  PIN 2 + A 2  Connection Screw terminals SK  Family construction form terminal  Gender female  Gender screw terminals SK  Family construction form terminal  Gender female	Mechanical data   Mounting data	
Height	Mounting method	geschnappt
Width 11,8 mm  Depth 56 mm  Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 60 °C  Connection type 2  Connection type 1 Input  Connection type 2 Output  Connection Screw terminals SK  Family construction form terminal  Gender female  No. of poles 2  PIN 1 -A 1  PIN 2 +A 2  Connection Screw terminals SK  Family construction form terminal SCR  Pin 1 -A 1  Pin 2 +A 2  Connection Screw terminals SK  Family construction form terminal SCR  Family construction form terminal female	Suitable for mounting type	Mounting rail TH35, G32, (EN 60715)
Depth       56 mm         Environmental characteristics   Climatic         Operating temperature min.       -20 °C         Operating temperature max.       60 °C         Connection type 2         Connection type 1       Input         Connection       Screw terminals SK         Family construction form       terminal         Gender       female         No. of poles       2         PIN 1       - A 1         PIN 2       + A 2         Connection       Screw terminals SK         Family construction form       terminal         Gender       female	Height	63 mm
Environmental characteristics   Climatic  Operating temperature min20 °C  Operating temperature max. 60 °C  Connection type 2  Connection type 1 Input  Connection type 2 Output  Connection Screw terminals SK  Family construction form terminal  Gender female  No. of poles 2  PIN 1 - A 1  PIN 2 + A 2  Connection Screw terminals SK  Family construction form terminals SK  Family construction form terminal female  Pin 2 + A 2  Connection Screw terminals SK  Family construction form terminal  Gender female	Width	11,8 mm
Operating temperature min. Operating temperature max. 60 °C  Connection type 2  Connection type 1 Input  Connection type 2 Output  Connection Screw terminals SK  Family construction form terminal  Gender female  No. of poles 2  PIN 1 - A 1  PIN 2 + A 2  Connection Screw terminals SK  Family construction form Screw terminals SK  Family construction form Screw terminals SK  Family construction form Screw terminals SK	Depth	56 mm
Operating temperature max. 60 °C  Connection type 2  Connection type 1 Input  Connection type 2 Output  Connection Screw terminals SK  Family construction form terminal  Gender female  No. of poles 2  PIN 1 -A 1  PIN 2 +A 2  Connection Screw terminals SK  Family construction form terminal Gender  Family construction form terminal Gender  Family construction form terminal SK  Family construction form terminal  Gender female	Environmental characteristics   Climatic	
Operating temperature max. 60 °C  Connection type 2  Connection type 1 Input  Connection type 2 Output  Connection Screw terminals SK  Family construction form terminal  Gender female  No. of poles 2  PIN 1 -A 1  PIN 2 +A 2  Connection Screw terminals SK  Family construction form terminal Gender  Family construction form terminal Gender  Family construction form terminal SK  Family construction form terminal  Gender female	Operating temperature min.	-20 °C
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Connection type 1         Input           Connection type 2         Output           Connection         Screw terminals SK           Family construction form         terminal           Gender         female           No. of poles         2           PIN 1         - A 1           PIN 2         + A 2           Connection         Screw terminals SK           Family construction form         terminal           Gender         female		
Connection type 2         Output           Connection         Screw terminals SK           Family construction form         terminal           Gender         female           No. of poles         2           PIN 1         - A 1           PIN 2         + A 2           Connection         Screw terminals SK           Family construction form         terminal           Gender         female		Input
Connection         Screw terminals SK           Family construction form         terminal           Gender         female           No. of poles         2           PIN 1         - A 1           PIN 2         + A 2           Connection         Screw terminals SK           Family construction form         terminal           Gender         female		
Family construction form         terminal           Gender         female           No. of poles         2           PIN 1         - A 1           PIN 2         + A 2           Connection         Screw terminals SK           Family construction form         terminal           Gender         female		
Gender         female           No. of poles         2           PIN 1         - A 1           PIN 2         + A 2           Connection         Screw terminals SK           Family construction form         terminal           Gender         female	Family construction form	terminal
PIN 1         - A 1           PIN 2         + A 2           Connection         Screw terminals SK           Family construction form         terminal           Gender         female	Gender	female
PIN 2 + A 2  Connection Screw terminals SK  Family construction form terminal  Gender female	No. of poles	2
Connection     Screw terminals SK       Family construction form     terminal       Gender     female	PIN 1	- A 1
Family construction form terminal Gender female	PIN 2	+ A 2
Gender female	Connection	Screw terminals SK
	Family construction form	terminal
No. of poles 2	Gender	female
	No. of poles	2

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## **Product-PDF for Article 50010**



PIN 1	13
PIN 2	+ 14