Assembly

• 2-channel

Features

- DC version, negative polarity
- Working voltage 24 V/18 V at 10 μA
- Series resistance max. 340 $\Omega/437 \Omega$
- Fuse rating 50 mA
- DIN rail mounting
- Asymmetrical version

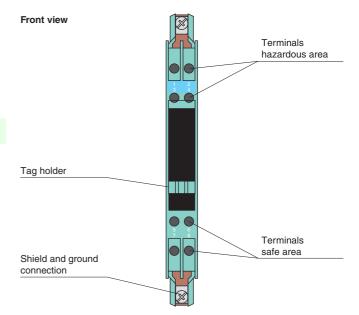
Function

The Zener Barrier prevents the transfer of unacceptably high energy from the safe area into the hazardous area.

The zener diodes in the Zener Barrier are connected in the reverse direction. The breakdown voltage of the diodes is not exceeded in normal operation. If this voltage is exceeded, due to a fault in the safe area, the diodes start to conduct, causing the fuse to blow. The Zener Barrier has a negative polarity, i. e. the cathodes of the zener diodes are grounded.

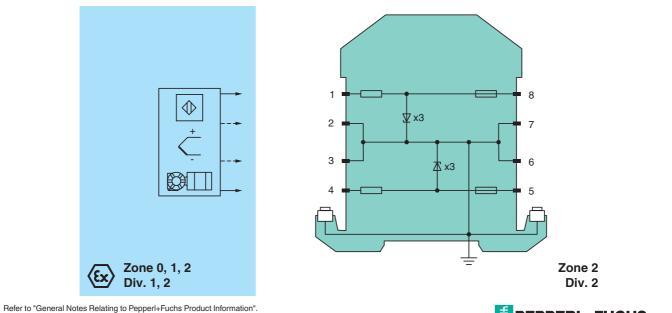
Asymmetrical Zener Barriers are for optimization of applications which have different voltage levels regarding to ground potential.

Depending on the application, increased or decreased intrinsic safety parameters apply for serial or parallel connection. For the detailed parameters refer to the Zener Barrier certificate. Application examples can be found in the system description of the Zener Barriers.





Connection



USA: +1 330 486 0002 pa-info@us.pepperl-fuchs.com

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Contraction DC version, negative polarity Electrical specifications Eversion, negative polarity Electrical specifications terminals 1, 8: 320 0.1; terminals 4, 5: 415 0.1 Series resistance terminals 1, 8: 320 0.1; terminals 4, 5: max, 437 0.1 Series resistance terminals 1, 2; 3, 4 Safe are connection terminals 5, 6, 7, 8 Connection terminals 5, 6, 7, 8 Working voltage terminals 5, 6, 7, 8 Degree of protection terminals 5, 6, 7, 8 Degree of protection terminals 5, 6, 7, 8 Degree of protection terminals 5, 6, 7, 8 Moring voltage terminals 5, 6, 7, 8 Degree of protection terminals 5, 6, 7, 8 Storage temperature 42, 5, 0° C (14, -140 °F) Storage temperature 42, 5, 0° C (13, 180 °F) Relative humidity max, 60° C (44, -140 °F) Storage temperature 42, 5, 0° C (13, 180 °F) Relative humidity max, 60° C (44, 140 °F) Storage/fieldon terminals 1, 2, 30 °C (14, 140 °F) Degree of protection terminals 1, 2, 50 °C (75, 0°C (50, C	Concret en está setiene		
Electrical specifications Instruments 1, 8, 330 02; terminals 4, 5, 51 50 Sories resistance terminals 1, 8, 330 02; terminals 4, 5, 51 50 Sories resistance terminals 1, 2, 3, 4 Atzardous area connection terminals 1, 2, 3, 4 Connection terminals 5, 6, 7, 8 Working voltage terminals 5, 6, 7, 8 Working voltage terminals 5, 6, 7, 8 Connection terminals 5, 6, max, 19 V, 18 V at 10 µA Connection terminals 5, 6, max, 19 V, 18 V at 10 µA Connection terminals 5, 6, max, 19 V, 18 V at 10 µA Connection terminals 5, 6, max, 19 V, 18 V at 10 µA Connection terminals 5, 6, max, 19 V, 18 V at 10 µA Degree of protection terminals 5, 6, max, 19 V, 18 V at 10 µA Connection connection Mastance apport(fattoms max, 75 %, whoot mosture condensation Mastance apport(fattoms terminals 1, 2, 50 P Degree of protection 12 S × 11 S × 11 W mm (05 × 4 S × 4.3 m) Connection terminals 1, 2, 50 P Mastance apports, the of opporting connection terminals, max, coll opport 1, 12 S × 11 S	General specifications		
Nominal 1, 8: 230 L terminals 4, 5: 415 G.Series resistanceterminals 1, 8: max. 340 Q; terminals 4, 5: max. 437 QFuse rating50 mAHazer dofuminals 1, 2; 3, 4Connectionterminals 5, 6; 7, 8Connectionterminals 5, 6; 7, 8Working voltagieterminals 6, 6; 7, 8Diagree of protectionterminals 6, 6; 7, 8Connectionterminals 6, 6; 7, 8Connectionterminals 6, 6; 7, 8Diagree of protectionterminals 6, 6; 7, 8Connectionterminals 6, 6; 7, 8Diagree of protectionterminals 7, 8: max. 246 V; 24 V at 10 µAConnectionterminals 7, 8: max. 246 V; 24 V at 10 µAConnectionterminals 7, 8: max. 246 V; 24 V at 10 µAAmbient temporation62, 00°C (4,140 °F)Storage temporature20, -00°C (4,140 °F)Relative humiditymax. 75 %, without moisture condensationMatch conditionsmax. 75 %, without moisture condensationMatch conditionsapprox: 100 gConnectionapprox: 100 gDiagene of protectionself-speing connection terminals, max. core creas-section 2 x 2.5 mm ² Matsapprox: 100 gConstruction bypemodular terminal housing, see system descriptionMatsapprox: 100 gConstruction bypemodular terminals 0, 4.5 x 4.5 u, 10 mu (05 x 4.5 u, 10 mu			DC version, negative polarity
Series resistance Iterminals 1, 8; max. 340 Ω; terminals 4, 5; max. 437 Ω Fuse rating So mA Maxardous area connection Emminals 1, 2; 3, 4 Safe area connection terminals 5, 6; 7, 8 Safe area connection terminals 5, 6; 7, 8 Vorking voltage terminals 5, 6; 7, 8 Connection terminals 5, 6; 7, 8 Order on the terminals 5, 6; 7, 8 terminals 7, 8; 7, 8 Connection terminals 5, 6; 7, 8 Moder to onthins E Degree of protection EC 00529 Ambient temperature -20, -80 °C (-4, -140 °F) Storage temperature -20, -80 °C (-4, -140 °F) Storage temperature -20, -80 °C (-4, -140 °F) Degree of protection IP20 Connection IP20 Connection IP20 Degree of protection IP20 Degree of protection IP20 Degree of protection IP20 Degree of protection IP20 Connection IP20 Connection IP20 Degree of protection IP20<	-		
Fuse rating 50 mA Hazerdous area connection ferminals 1, 2; 3, 4 Safe area connection ferminals 5, 6; 7, 8 Connection terminals 5, 6; 7, 8 Working voltage terminals 5, 6; 7, 8 Degree of protection IEC 60529 Ambient conditions			
Hazardous area connection intrinals 1, 2; 3, 4 Connection terminals 5, 6; 7, 8 Verking voltage terminals 5, 6; 7, 8 Connection terminals 5, 6; 7, 8 Verking voltage terminals 5, 6; 7, 8 Connection terminals 5, 6; 7, 8 Conformity terminals 5, 6; 7, 8 Degree of protection EC 60529 Ambient config 25, 7, 0° (13, 158 °F) Relative humidity max, 75 %, without moisture condensation Machanical specifications P20 Degree of protection P20 Connection 12,5,5,115,110 mm (05,5,4,5,x,4,3,in) Construction type modular terminals, 2,2,5 mm ² Mass approx. 150 g Dimensions 12,5,5,115,110 mm (05,5,4,5,x,4,3,in) Construction type modular terminals 0,4,200 V515,2001 Deta for application in connection Sign DIN mounting rale ac. to EN 60715,2001 Of roup, category, type of protection 6 (0, 11(105,116,116 and B)) (IC, Ex ia Ad) IIC, (Ex ia Ad) IIC, (20 °C *T _{arma} ≤ 60 °C) [circuit(s) in zone 0/12] Voltage 0, terminals 1, 2: 260 mV; terminals 3, 4: 200 mW Ser			
Connection terminals 1, 2; 3, 4 Sefa area connection terminals 5, 6; 7, 8 Connection terminals 5, 6; 7, 8 Working voltage terminals 5, 6; 7, 8 Begree of protection terminals 5, 6; 7, 8 Degree of protection terminals 5, 6; 7, 8 Degree of protection terminals 5, 6; 7, 8 Ambient temperature c.60 °C (4140 °F) Storage temperature e.80 °C (4140 °F) Mechanical specifications max, 75 %, without moisture condensation Mechanical specifications max, 75 %, without moisture condensation Mechanical specifications approx.150 of Dimensions 125 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Conservicion type modual terminal housing, see system description Onstruction type modual terminals 0.4: 05 0° Dimensions 125 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Conservicion type modual terminals 0.4: 05 0° Conservicion type Modual terminals 0.4: 05 0° Conservicion type So 10 TEX 7005, for additional certificates see www.pepert-fuchs.com Group, category, type of protection So 10 TEX 7005, for additional certificates se	Ũ		50 mA
Safe area connection Interninals 5, 8; 7, 8 Connection terminals 7, 8; max, 24, 6 V; 24 V at 10 µA Working voltage terminals 3, 8; max, 19 V; 18 V at 10 µA Contornity IEC 60529 Ambient conditions Ambient conditions Ambient conditions Bagree of protection IEC 60529 Mather to mather temperature 25, 70 °C (-1, 10, °F) Storage temperature Degree of protection IE20 Connection max, 75 %, vithout moisture condensation Machanical specifications IE20 Connection modular terminal housing, we as yatem description Construction type modular terminal housing, we as yatem description Construction type modular terminal housing, we as yatem description On 35 mm DIN mounting rail acc. to EN 60715:2001 Iterminals 1, 2: 86 (+) terminals 3, 4: 205 V Cornort terminals 1, 2: 86 (+) terminals 3, 4: 205 V Cornort terminals 1, 2: 86 (+) terminals 3, 4: 205 V Cornort terminals 1, 2: 86 (+) terminals 3, 4: 205 V Statore polication in			
Connection terminals 5, 6; 7, 8 Working voltage terminals 5, 6; 7, 8 Working voltage terminals 5, 6; 7, 8 Conformity Ec 60529 Ambient conditions EC 60529 Ambient temperature c. 60 °C (4 140 °F) Storage temperature c. 60 °C (4 140 °F) Storage temperature c. 60 °C (4 140 °F) Belative humidity max. 75 %, without moisture condensation Mechanical ageotations Pa0 Connection ed opening connection terminals, max. core cross-section 2 × 2.5 mm ² Mass approx. 150 g Dimensions 12 × 115 × 110 mm (05 × 4.5 × 4.3 in) Connection ed opening connection terminals, max. core cross-section 2 × 2.5 mm ² Mass approx. 150 g Dimensions 12 × 115 × 110 mm (05 × 4.5 × 4.3 in) Construction type modular terminal housing, see system description Mounting on 35 mm DN mounting rail ace. to F0075 /2001 With Exares Øl (11/DL) (1/M) [Exi a Ga] [C, [Exi k Da] [IC, [Exi Ma] [1/20 °C × 1 _{amp} ≤ 60 °C) [circuit(5) in zone 0/12] Votage U Group, category, type of protection With instands 3, 4: 2: 60 V Supply terminals 1, 2: 80 V Group, category, type of protection terminals 1, 2: 80 K, terminals 3, 4: 2: 60 mk			terminals 1, 2; 3, 4
Working voltage terminals 7, 8: max. 24 6 V, 24 V at 10 µA Conformity Emminals 5, 6: max. 19 V; 16 V at 10 µA Dargree of protection IEC 60529 Ambient conditions EC 60529 Ambient conditions 20	Safe area connection		
Conformity terminals 5, 6: max. 19 V; 18 V at 10 µÅ Degree of protection EC 60529 Ambient temperature -20 60 °C (4 140 °F) Storage temperature -20 60 °C (4 140 °F) Storage temperature -20 60 °C (4 140 °F) Relative humidity max. 75 %, without moisture condensation Mechanical specifications max. 75 %, without moisture condensation Begree of protection FP20 Connection self-opening connection terminals, max. core cross-section 2 x 2.5 mm ² Masis epporox. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing, see system description Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001 Ota for application in connection Gi (1(1)CL) (M1) [Exi (a Ga) [IC, [Exi ia Ga] (IC, [Exi ia Ga) [I (20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Votage U ₀ terminals 1, 2: 256 N: terminals 3, 4: 50 mA Supply ferminals 1, 2: 256 N: terminals 3, 4: 50 mA Supply ferminals 1, 2: 256 N: terminals 3, 4: 50 mA Supply ferminals 1, 2: 256 N: terminals 3, 4: 50 mA Suproval G			
Degree of protection HEC 60529 Ambient temperature -2060 °C (4140 °F) Storage temperature -25 70 °C (13158 °F) Belative humbint temperature -25 70 °C (13158 °F) Belative humbint max. 75 %, without moisture condensation Mechanical specifications P20 Connection self-opening connection terminals, max. core cross-section 2 × 2.5 mm ² Construction type modular terminal housing, see system description Mounting on S5 m DIN mounting rail acc. to EN 60715.2001 Data for application in connection Gil (Opo) (Mi) (Gil (Mi) (Exis (Gil (C) Exis ID BI) (C) (Exis ID	Working voltage		
Ambient conditions Col. a. 0 ° C (4 140 ° F) Ambient temperature 25 70 ° C (13 158 F) Relative humidity max. 75 %, without moisture condensation Moderal specifications IP20 Connection IP20 Connection IP20 Connection IP20 Dimensions 25 70 ° C (13 158 * T) Mass approx. 150 g Dimensions 12 .5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing , see system description Mouting on 33 mm DIM mounting rail acc. to EN 60715.2001 Construction type modular terminal housing , see system description Mouting Ga S 01 ATEX 7005 , for additional certificates see www.pepperf-fuchs.com Group, category, type of protection Gi (11GD, 1 (M1) [Exia Ga] IIC, [Exia Da] IIC, [Exia Ma] 1 (20 ° C × T _{amb} 56 0° C) [circuit(s) in zone 0/1/2] Votage U ₀ terminals 1, 2: 25 6 V: terminals 3, 4: 260 mM Supply terminals 1, 2: 25 6 V: terminals 3, 4: 260 mM Supply terminals 1, 2: 25 6 V: terminals 3, 4: 260 mM Supply terminals 1, 2: 25 6 V: terminals 3, 4: 260 mM Suppo	Conformity		
Ambient temperature -20 60 °C (4 140 °F) Storage temperature -25 70 °C (13 158 °F) Relative humidity max. 75 %, without moisture condensation Mechanical specifications P20 Connection sell-opening connection terminals, max. core cross-section 2 x.2.5 mm ² Mass approx. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing, see system description Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection With Exarces EC-Type Examination Certificate BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection (%) II (110C), I(M1) [Ex ia Ga] IIC, [Ex ia Da] IIC, [Ex ia Ma] I (+20 °C <t<sub>amb < 60 °C) [circuit(s) in zone 01/2]</t<sub>	Degree of protection		IEC 60529
Storage temperature -2570 °C (-13158 °F) Relative humidity max. 75 %, without moisture condensation Mechanical specifications IP20 Connection Self-opening connection terminals, max. core cross-section 2 x 2.5 mm ² Mass approx. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing , see system description Mounting on 55 mm DIM mounting rail acc. to EN 60715.2001 Data for application in connectificate BAS 01 ATEX 7005, for additional certificates see www.pepperf-fuchs.com Group, category, bype of protection §U II (16D, I. (M1) [Ex ia Ga] IIC, [Ex ia Da] IIC, [Ex ia Ma] I (-20 °C < T _{wenb} 60 °C) [circuit(s) in zone 01/2] Votage U ₀ terminals 1, 2: 86 mX; terminals 3, 4: 20.5 W Supply terminals 1, 2: 86 mX; terminals 3, 4: 20 mW Supply terminals 1, 2: 86 mX; terminals 3, 4: 20 mW Supply terminals 1, 2: 80 mX; terminals 3, 4: 20 mW Supply terminals 1, 2: 80 mX; terminals 3, 4: 20 mW Supply terminals 1, 2: 80 mX; terminals 3, 4: 20 mW Supproxe power Group, category, hype of protection (b) 110 (Si (K1) [Ex ia Ga] IIC, [Ex ia Da] IIC, [Ex ia Da] IIC Superature classon terminals 1, 2: min. 314 Ω; terminals 3, 4: 20 mW Superature classon (D) 99 ATEX 1484 X, ob	Ambient conditions		
Relative humidity max. 75 %, without moisture condensation Machanical specifications Degree of protection IP20 Connection self-opening connection terminals, max. core cross-section 2 x.2.5 mm ² Mass approx. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing, see system description Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in cornection fill (1GD, 1(M1) [Ex is Ga] IIC, [Ex ia Ma] I (20 ° C ≤ T _{amb} ≤ 60 °C) (circuit(s) in zone 017/2] Votage U ₀ terminals 1, 2: 25 & 0.5 V Group, category, type of protection for (1) (GD, 1(M1) [Ex is Ga] IIC, [Ex ia Ma] I (20 ° C ≤ T _{amb} ≤ 60 °C) (circuit(s) in zone 017/2] Votage U ₀ terminals 1, 2: 25 & 0.5 V Current V ₀ terminals 1, 2: 25 & 0.5 V Supply terminals 1, 2: 25 OV Series resistance terminals 1, 2: 25 OV Series resistance terminals 1, 2: 25 N and II C4 Go (device in zone 2) Permissible connection values (EEx ia) Side x null C4 Go (device in zone 2) Statement of conformity fol 30 X an III C4 Go (device i	Ambient temperature		
Mechanical specifications IP20 Degree of protection IP20 Connection self-opening connection terminals, max core cross-section 2 x 2.5 mm ² Mass aproxents to general connection terminals, max core cross-section 2 x 2.5 mm ² Mass aproxents to general connection terminal housing , see system description Contruction type modular terminal housing , see system description Mounting on Stan DIN mounting rail acc. to EN 60715:2001 Contruction type modular terminals nousing , see system description Contruction type modular terminals nousing , see system description Contruction type modular terminals nousing , see system description Contruction type modular terminals nousing , see system description Contruction type BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, claegory, type of protection © II (1)GD, (1M1) (Ex ia Ga) IIC, (Ex ia Ma) 1 (20 °C ≤ T _{amb} > 60 °C) (circuit(s) in zone 0/12] Volage U ₀ terminals 1, 2: 25 60 rW; terminals 3, 4: 20.0 rW Support terminals 1, 2: 25 60 rW; terminals 3, 4: 20.0 rW Support = V Sup V Maximu sefe voltage U ₀ II 30 (2 EX ATEX TAVA X, observe statement of contomit	Storage temperature		
Degree of protection IP20 Connection self-opening connection terminals, max. core cross-section 2 x 2.5 mm ² Mass approx. 150 g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing, see system description Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection with Exares BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com EC-Type Examination Certificate BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection (b) II (1)(D, I, (11)) (L) (L) (L) (L) (L) (L ia Ma) II (20 °C ≤ T _{amb} ≤ 60 °C) (circuit(s) in zone 0/1/2) Voltage Uo terminals 1, 2: 2: 66 V: terminals 3, 4: 200 FW Current Io terminals 1, 2: 2: 56 V: terminals 3, 4: 200 FW Maximum safe voltage Um 250 V Supply TÚV 99 ATEX 1484 X, observe statement of conformity (m) II 3GE x nA IIC T4 Gc (device in zone 2) Power Po III 8-0119 International approval III 8-0119 Ontroid drawing III 8-0119 Usa poroval III 6-0119 Controi	•		max. 75 %, without moisture condensation
Connection self-opening connection terminals, max. core cross-section 2×2.5 mm ² Mass approx.150g Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal nousing, see system description Mounting os 3 mm DIN mounting rail ace. to EN 60715:2011 Data for application in connection with Exarcas BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Corup, category, type of protection Voltage Qo Group, category, type of protection Voltage Qo Ec-Type Examination Certificate BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection Voltage Qo Turnals 1, 2: 56 mX; terminals 3, 4: 20.5 V terminals 1, 2: 56 mX; terminals 3, 4: 20.5 V Supply 250 V terminals 1, 2: 56 mX; terminals 3, 4: 200 mW Supply 250 V terminals 1, 2: min. 314 Ω; terminals 3, 4: 200 mW Supply 250 V terminals 1, 2: min. 314 Ω; terminals 3, 4: 200 mW Group, category, type of protection, temperature class TUV 99 ATEX 1484 X, observe statement of conformity Directive conformity TUV 99 ATEX 1484 X, observe statement of conformity Directive conformity	Mechanical specifications		
max. core cross-section 2 x 2.5 mm ² Mass approx. 150 g Dimensions Construction type modular terminal housing , see system description Outsing on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection Second particular terminal housing , see system description Outsing on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection Second particular terminals in connection Group, category, type of protection Second particular terminals 1, 2: 86 for, terminals 3, 4: 20.5 V Outage Up terminals 1, 2: 86 mX; terminals 3, 4: 20.5 V Power Power Power Power Power Power Power Power Power Primiss 1, 2: 85 mX; terminals 3, 4: 260 mW terminals 1, 2: 85 mX; terminals 3, 4: 260 mW Supply Earning 1, 2: min 314 Ω; terminals 3, 4: 260 mW Power Supply Earning 1, 2: min 314 Ω; terminals 3, 4: 20 mX Power Supply Earning 1, 2: min 314 Ω; terminals 3, 4: min .407 Ω Period particular discription Supply Earning 1, 2: min 314 Ω; terminals 3, 4: min .407 Ω Period particular discription discription discri			IP20
Dimensions 12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in) Construction type modular terminal housing, see system description Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection with Exareas BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com EC-Type Examination Certificate BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection See II (1)GD, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Voltage U _o terminals 1, 2: 26.6 V; terminals 3, 4: 20.5 V Gururent I _o terminals 1, 2: 26.6 V; terminals 3, 4: 20.6 WW Supply terminals 1, 2: 26.6 V; terminals 3, 4: 200 mW Supply terminals 1, 2: 80 mW; terminals 3, 4: 200 mW Supply terminals 1, 2: min. 314 Ω; terminals 3, 4: 200 mW Statement of conformity TUV 99 ATEX 1484 X, observe statement of conformity Group, category, type of protection temperature class for 80079-11: 2012, EN 60079-15: 2010 Directive sonformity EN 60079-0: 2012, EN 60079-15: 2010 Iternational approval 116-0139 Control drawing 116-0139 Control drawing 116-0139 C	Connection		
Construction type modular terminal housing , see system description Mounting o 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection with Ex-areas BAS 01 ATEX 7005, for additional certificates see www.pepperf-tuchs.com Group, category, type of protection © II (1)GD, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIC, [Ex ia Ma] I (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Voltage U₀ terminals 1, 2: 26 0 V. terminals 3, 4: 250 mA Current I₀ terminals 1, 2: 26 0 mW; terminals 3, 4: 260 mW Supply TU 99 ATEX 1484 X, observe statement of conformity TU 99 ATEX 1484 X, observe statement of conformity Group, category, type of protection, temperature class EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010 EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010 International approval TU 90 ATEX 1484 X, observe statement of conformity EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010 International approval EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010 EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010 International approval Inte-0118 Encoreaction of drawing Inte-0118 UL approval Inte-0118 Inte-0119 Inte-0119 Controd drawing Inte-0119 Inte-0119	Mass		approx. 150 g
Mounting on 35 mm DIN mounting rail acc. to EN 60715:2001 Data for application in connection with Ex-areas BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com C-Type Examination Certificate BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection Giv II (1)GD, I (M1) [Ex ia Ga] IIC, [Ex ia Da] IIIC, [Ex ia Ma] I (:20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] terminals 1, 2: 26.6 V; terminals 3, 4: 20.5 V Current Io terminals 1, 2: 26.6 V; terminals 3, 4: 20.5 W Supply terminals 1, 2: 26.6 V; terminals 3, 4: 20.5 W Supply terminals 1, 2: 26.6 V; terminals 3, 4: 20.5 W Supply terminals 1, 2: 850 mW; terminals 3, 4: 260 mW Supply terminals 1, 2: min. 314 Ω; terminals 3, 4: 260 mW Supply terminals 1, 2: min. 314 Ω; terminals 3, 4: min. 407 Ω Permissible connection values [Ex ia] TUV 99 ATEX 1484 X, observe statement of conformity Group, category, type of protection temperature class fol 3G Ex nA IIC T4 Gc [device in zone 2] Directive softormity fol 3G Ex nA IIC T4 Gc [device in zone 2] Directive softord drawing 116-0118 UL approval fol 19 Gounto drawing 116-0139 Gount	Dimensions		12.5 x 115 x 110 mm (0.5 x 4.5 x 4.3 in)
Data for application in connection with Exareas BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com EC-Type Examination Certificate BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection Voltage Voltage Uo terminals 1, 2: 26.6 V; terminals 3, 4: 20.5 V terminals 1, 2: 26.6 V; terminals 3, 4: 20.5 V Current Io terminals 1, 2: 25.6 W; terminals 3, 4: 20.5 W Supply terminals 1, 2: 560 mW; terminals 3, 4: 200 mW Supply Extended Voltage Maximum safe voltage Um Statement of conformity EX 0 V Group, category, type of protection, temperature class VU 99 ATEX 1484 X, observe statement of conformity Group, category, type of protection, temperature class VU 99 ATEX 1484 X, observe statement of conformity Group, category, type of protection, temperature class VI 16079-0:2012, EN 60079-11:2012, EN 60079-15:2010 International approval EN 60079-0:2012, EN 60079-11:2012, EN 60079-15:2010 International approval 116-0118 Control drawing 116-0118 UL approval EX BAS 09.0142 Control drawing 116-0119 IECEX BAS 09.0142 <td colspan="2">Construction type</td> <td>modular terminal housing, see system description</td>	Construction type		modular terminal housing, see system description
with Exariasi Identificate BAS 01 ATEX 7005, for additional certificates see www.pepperl-fuchs.com Group, category, type of protection Sol 11 (FI) (GD, 1 (M1) [Exia Ga] IIC, [Exia Da] IIIC, [Exia Ma] 1 (-20 °C ≤ T _{amb} ≤ 60 °C) [circuit(s) in zone 0/1/2] Voltage Uo terminals 1, 2: 26.6 V; terminals 3, 4: 20.5 V Current Io terminals 1, 2: 25.6 V; terminals 3, 4: 20.0 FW Power Po terminals 1, 2: 25.6 W; terminals 3, 4: 260 mW Supply terminals 1, 2: 250 mW; terminals 3, 4: 260 mW Maximu safe voltage Um 250 V Series resistance terminals 1, 2: min. 314 Ω; terminals 3, 4: 260 mW Permissible connoction values [EExia] TÜV 99 ATEX 1484 X, observe statement of conformity Group, category, type of protection Sol II GG Exin AIIC T4 Gc [device in zone 2] Interactional approval Sol II GO 0079-0:2012, EN 60079-11:2012, EN 60079-15:2010 Interactional approval III 6-0118 Control drawing 116-0118 UL approval III 6-0119 Control drawing III 6-0119 IECEX approval III 6-0119 Approved for [Exia Ga] IIC, [Exia Da] IIIC, [Exia Ma] I Approved for	Mounting		on 35 mm DIN mounting rail acc. to EN 60715:2001
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2