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Ground modular terminal block, Connection method: Push-in connection, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 24 - 10, Width: 6.2 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

#### **Product Features**

- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- ▼ Tested for railway applications





## **Key Commercial Data**

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	12.8 g
Custom tariff number	85369010
Country of origin	China

#### Technical data

#### General

Number of levels	1
Number of connections	3
Nominal cross section	4 mm <sup>2</sup>
Color	green-yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry



## Technical data

### General

Overvoltage category         III           Insulating material group         I           Connection in acc. with standard         IEC 60947-7-2           Open side panel         ja           Shock protection test specification         DIN EN 50274 (VDE 0660-514):2002-11           Back of the hand protection         guaranteed           Oscillation, broadband noise test result         Test passed           Test specification, oscillation, broadband noise         DIN EN 50155 (VDE 0115-200):2008-03           Test spectrum         Service life test category 2, bogie mounted           Test frequency         ft, = 5 Hz to ft, = 250 Hz           ASD level         6.12 (m/s²)²/Hz           Acceleration         3.12 g           Test duration per axis         5 h           Test directions         X-, Y- and Z-axis           Shock test result         Test passed           Test specification, shock test         DIN EN 50155 (VDE 0115-200):2008-03           Shock form         Half-sine           Acceleration         30g           Shock duration         18 ms           Number of shocks per direction         3           Shock duration         18 ms           Number of shocks per direction         3           Test directions         X-, Y-		Mechanical engineering		
Rated surge voltage         8 kV           Pollution degree         3           Overvoltage category         III           Insulating material group         I           Connection in acc. with standard         IEC 60947-7-2           Open side panel         ja           Shock protection test specification         DIN EN 50274 (VDE 0660-514):2002-11           Back of the hand protection         guaranteed           Finger protection         guaranteed           Oscillation, broadband noise test result         Test passed           Test specification, oscillation, broadband noise         DIN EN 50155 (VDE 0115-200):2008-03           Test spectrum         Service life test category 2, bogie mounted           Test frequency         f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz           ASD level         6.12 (m/s²²²/Hz           ASCeleration         3.12 g           Test duration per axis         5 h           Test directions         X., Y- and Z-axis           Shock test result         Test passed           Test specification, shock test         DIN EN 50155 (VDE 0115-200):2008-03           Shock form         Half-sine           Acceleration         30g           Shock duration         18 ms           Number of shocks per direction         3 </td <td></td> <td>Plant engineering</td>		Plant engineering		
Pollution degree   3   3     Overvoltage category   III     Insulating material group   I     Connection in acc. with standard   IEC 60947-7-2     Open side panel   ja     Shock protection test specification   DIN EN 50274 (VDE 0660-514):2002-11     Back of the hand protection   guaranteed     Finger protection   guaranteed     Sillation, broadband noise test result   Test passed     Test specification, oscillation, broadband noise   DIN EN 50155 (VDE 0115-200):2008-03     Test specification, oscillation, broadband noise   DIN EN 50155 (VDE 0115-200):2008-03     Test frequency   f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz     ASD level   6.12 (m/s <sup>3</sup> ) <sup>2</sup> /Hz     Acceleration   3.12 g     Test duration per axis   5 h     Test duration per axis   5 h     Test directions   X-, Y- and Z-axis     Shock test result   Test specification, shock test   DIN EN 50155 (VDE 0115-200):2008-03     Shock form   Half-sine     Acceleration   30g     Shock form   Half-sine     Acceleration   18 ms     Number of shocks per direction   3     Test directions   X-, Y- and Z-axis (pos. and neg.)     Test directions   X-, Y- and Z-axis (pos. and neg.)     Test directions   X-, Y- and Z-axis (pos. and neg.)     Test directions   X-, Y- and Z-axis (pos. and neg.)     Test directions   X-, Y- and Z-axis (pos. and neg.)     Test directions   X-, Y- and Z-axis (pos. and neg.)     Test directions   X-, Y- and Z-axis (pos. and neg.)     Test directions   X-, Y- and Z-axis (pos. and neg.)     Test directions   X-, Y- and Z-axis (pos. and neg.)     Test directions   X-, Y- and Z-axis (pos. and neg.)     Test directions   X-, Y- and Z-axis (pos. and neg.)     Test directions   X-, Y- and Z-axis (pos. and neg.)     Test directions   X-, Y- and Z-axis (pos. and neg.)     Test directions   X-, Y- and Z-axis (pos. and neg.)		Process industry		
Overvoltage category         III           Insulating material group         I           Connection in acc. with standard         IEC 60947-7-2           Open side panel         ja           Shock protection test specification         DIN EN 50274 (VDE 0660-514):2002-11           Back of the hand protection         guaranteed           Finger protection         guaranteed           Oscillation, broadband noise test result         Test passed           Test specification, oscillation, broadband noise         DIN EN 50155 (VDE 0115-200):2008-03           Test spectrum         Service life test category 2, bogie mounted           Test spectrum         Service life test category 2, bogie mounted           Test frequency         ft, = 5 Hz to ft, = 250 Hz           ASD level         6.12 (m/s³)²/Hz           Acceleration         3.12 g           Test duration per axis         5 h           Test directions         X-, Y- and Z-axis           Shock test result         Test passed           Test specification, shock test         DIN EN 50155 (VDE 0115-200):2008-03           Shock form         Half-sine           Acceleration         30g           Shock duration         18 ms           Number of shocks per direction         3           Test d	Rated surge voltage	8 kV		
Insulating material group	Pollution degree	3		
Connection in acc. with standard  IEC 60947-7-2  Jip  Shock protection test specification  DIN EN 50274 (VDE 0660-514):2002-11  Back of the hand protection  guaranteed  Finger protection  Oscillation, broadband noise test result  Test passed  Test specification, oscillation, broadband noise  DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum  Service life test category 2, bogie mounted  Test frequency  f, = 5 Hz to f <sub>2</sub> = 250 Hz  Acceleration  3.12 g  Test duration per axis  5 h  Test duration per axis  Test speseffication, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  Shock form  Half-sine  Acceleration  30 g  Shock duration  18 ms  Number of shocks per direction  Test directions  X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	Overvoltage category	III		
Open side panel     ja       Shock protection test specification     DIN EN 50274 (VDE 0660-514):2002-11       Back of the hand protection     guaranteed       Finger protection     guaranteed       Oscillation, broadband noise test result     Test passed       Test specification, oscillation, broadband noise     DIN EN 50155 (VDE 0115-200):2008-03       Test spectrum     Service life test category 2, bogie mounted       Test frequency     f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz       ASD level     6.12 (m/s²)²/Hz       Acceleration     3.12 g       Test duration per axis     5 h       Test directions     X-, Y- and Z-axis       Shock test result     Test passed       Test specification, shock test     DIN EN 50155 (VDE 0115-200):2008-03       Shock form     Half-sine       Acceleration     30g       Shock duration     18 ms       Number of shocks per direction     3       Test directions     X-, Y- and Z-axis (pos. and neg.)       Relative insulation material temperature index (Elec., UL 746 B)     130 °C       Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))     130 °C	Insulating material group	I		
Shock protection test specification  Back of the hand protection  guaranteed  Goscillation, broadband noise test result  Test passed  Test specification, oscillation, broadband noise  DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum  Service life test category 2, bogie mounted  Test frequency  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz  ASD level  6.12 (m/s³)²/Hz  Acceleration  3.12 g  Test duration per axis  5 h  Test directions  X-, Y- and Z-axis  Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Test duration per axis  5 h  Test duration per axis  Test passed  Test passed  Test passed  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  30g  Shock duration  18 ms  Number of shocks per direction  7-y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Test guaranteed  Test passed  5 IN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  30g  Shock duration  18 ms	Connection in acc. with standard	IEC 60947-7-2		
Back of the hand protection  Finger protection  Quaranteed  Quaranteed  Quaranteed  Quaranteed  Quaranteed  Test passed  Test specification, oscillation, broadband noise  DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum  Service life test category 2, bogie mounted  Test frequency  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz  ASD level  6.12 (m/s²)²/Hz  Acceleration  3.12 g  Test duration per axis  5 h  Test duration per axis  Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Test duration  3.12 g  Test duration per axis  Test passed  Test passed  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  30g  Shock duration  18 ms  Number of shocks per direction  3 "X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  130 °C	Open side panel	ja		
Finger protection  Oscillation, broadband noise test result  Test passed  Test specification, oscillation, broadband noise  DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum  Service life test category 2, bogie mounted  Test frequency  ASD level  6.12 (m/s²)²/Hz  Acceleration  3.12 g  Test duration per axis  5 h  Test directions  X-, Y- and Z-axis  Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  The specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  30g  Shock duration  18 ms  Number of shocks per direction  3 "C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)), 130 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)), 130 °C	Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11		
Oscillation, broadband noise test result  Test passed  DIN EN 50155 (VDE 0115-200):2008-03  Test spectfrum  Service life test category 2, bogie mounted  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz  ASD level  6.12 (m/s²²/Hz  Acceleration  3.12 g  Test duration per axis  5 h  Test directions  X-, Y- and Z-axis  Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  30g  Shock duration  18 ms  Number of shocks per direction  Relative insulation material temperature index (Elec., UL 746 B)  Tent specification, solicit insulation material (DIN EN 60216-1 (VDE 0304-21))  Test passed  Test passed  Test passed  Test passed  Test passed  18 ms  130 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Test directions  Test passed  Test passed	Back of the hand protection	guaranteed		
Test specification, oscillation, broadband noise  DIN EN 50155 (VDE 0115-200):2008-03  Test spectrum  Service life test category 2, bogie mounted  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz  ASD level  6.12 (m/s²)²/Hz  Acceleration  3.12 g  Test duration per axis  5 h  Test directions  X-, Y- and Z-axis  Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  30g  Shock duration  18 ms  Number of shocks per direction  3 (YDE 0115-200):2008-03  Half-sine  Acceleration  30g  Shock form  Acceleration  30g  Shock duration  18 ms  Number of shocks per direction  3 (YDE 0115-200):2008-03  Test directions  X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  130 °C	Finger protection	guaranteed		
Test spectrum  Service life test category 2, bogie mounted  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz  ASD level  6.12 (m/s²)²/Hz  Acceleration  3.12 g  Test duration per axis  5 h  Test directions  X-, Y- and Z-axis  Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  30g  Shock duration  18 ms  Number of shocks per direction  3 Test directions  X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  Service life test category 2, bogie mounted  f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz  6.12 (m/s²)²/Hz  Acceleration  3.12 g  Test directions  X-, Y- and Z-axis  Test directions  X-, Y- and Z-axis (pos. and neg.)	Oscillation, broadband noise test result	Test passed		
Test frequency  ASD level  ACCELERATION  ACCELERATION  ACCELERATION  ACCELERATION  Test duration per axis  Test duration per axis  Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  ACCELERATION  Shock duration  18 ms  Number of shocks per direction  Test directions  X-, Y- and Z-axis  ACCELERATION  ACCEL	Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03		
ASD level  Acceleration  3.12 g  Test duration per axis  5 h  Test directions  X-, Y- and Z-axis  Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  30g  Shock duration  18 ms  Number of shocks per direction  Test directions  X-, Y- and Z-axis  X-, Y- and Z-axis  X-, Y- and Z-axis  Test directions  X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  130 °C	Test spectrum	Service life test category 2, bogie mounted		
Acceleration 3.12 g  Test duration per axis 5 h  Test directions X-, Y- and Z-axis  Shock test result Test specification, shock test DIN EN 50155 (VDE 0115-200):2008-03  Shock form Half-sine  Acceleration 30g  Shock duration 18 ms  Number of shocks per direction 3  Test directions X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B) 130 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Test frequency	$f_1 = 5 \text{ Hz to } f_2 = 250 \text{ Hz}$		
Test duration per axis  Test directions  X-, Y- and Z-axis  Shock test result  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  30g  Shock duration  18 ms  Number of shocks per direction  3 test directions  X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  130 °C	ASD level	6.12 (m/s²)²/Hz		
Test directions X-, Y- and Z-axis  Shock test result Test passed  Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Half-sine  Acceleration 30g  Shock duration 18 ms  Number of shocks per direction 3  Test directions X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B) 130 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Acceleration	3.12 g		
Shock test result Test specification, shock test DIN EN 50155 (VDE 0115-200):2008-03  Shock form Half-sine Acceleration 30g Shock duration 18 ms Number of shocks per direction 3 Test directions X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B) Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Test duration per axis	5 h		
Test specification, shock test  DIN EN 50155 (VDE 0115-200):2008-03  Shock form  Half-sine  Acceleration  30g  Shock duration  18 ms  Number of shocks per direction  3  Test directions  X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  130 °C	Test directions	X-, Y- and Z-axis		
Shock form Acceleration 30g Shock duration 18 ms Number of shocks per direction 3 Test directions X-, Y- and Z-axis (pos. and neg.) Relative insulation material temperature index (Elec., UL 746 B) Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Shock test result	Test passed		
Acceleration 30g Shock duration 18 ms Number of shocks per direction 3 Test directions X-, Y- and Z-axis (pos. and neg.) Relative insulation material temperature index (Elec., UL 746 B) 130 °C Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03		
Shock duration 18 ms  Number of shocks per direction 3  Test directions X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B) 130 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Shock form	Half-sine		
Number of shocks per direction  Test directions  X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B)  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))  130 °C	Acceleration	30g		
Test directions X-, Y- and Z-axis (pos. and neg.)  Relative insulation material temperature index (Elec., UL 746 B) 130 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Shock duration	18 ms		
Relative insulation material temperature index (Elec., UL 746 B)  130 °C  Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Number of shocks per direction	3		
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C	Test directions	X-, Y- and Z-axis (pos. and neg.)		
	Relative insulation material temperature index (Elec., UL 746 B)	130 °C		
Static insulating material application in cold -60 °C	Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C		
	Static insulating material application in cold	-60 °C		

### Dimensions

Width	6.2 mm
End cover width	2.2 mm
Length	66.5 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm



## Technical data

### Connection data

Note	Please observe the current carrying capacity of the DIN rails.
Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	4 mm²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
Stripping length	10 mm 12 mm
Internal cylindrical gage	A4

### Standards and Regulations

Connection in acc. with standard	CSA	
	IEC 60947-7-2	
Flammability rating according to UL 94	V0	

## Classifications

### eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141141
eCl@ss 7.0	27141141
eCl@ss 8.0	27141141
eCl@ss 9.0	27141141



## Classifications

#### **ETIM**

ETIM 2.0	EC000901
ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC000901

### **UNSPSC**

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## Approvals

### Approvals

Approvals

 $\label{lem:condition} \mbox{UL Recognized / CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / cULus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / cULus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / cULus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / cULus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / cULus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / cULus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / cULus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / cULus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / cULus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / culus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / culus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / culus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / culus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / culus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB Scheme / NK / NK / GL / EAC / NK / BV / EAC / culus Recognized } \mbox{\cite{CSA / LR / VDE Zeichengenehmigung / IECEE CB / Calculation / Calculatio$ 

Ex Approvals

ATEX / IECEx / EAC Ex

Approvals submitted

#### Approval details

UL Recognized <b>\$1</b>			
	В	С	D
mm²/AWG/kcmil	24-10	24-10	24-10



## Approvals

cUL Recognized 📢				
	В	С	D	
mm²/AWG/kcmil	24-10	24-10	24-10	
CSA <b>①</b>				
mm²/AWG/kcmil		24-10		
mm-/AVVG/KCIIIII		24-10		
LR				
VDE Zeichengenehmigung	<u> </u>			
mm²/AWG/kcmil		0.2-4		
IECEE CB Scheme CB mm²/AWG/kcmil		0.2-4		
NK				
NK NK				
NK GL				
NK				



## Approvals

EAC
cULus Recognized C S Us

## Drawings

Circuit diagram



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