# Terminal print 12-pin



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Products, data sheets, documentation, MR12-SCHEMA-calculator: www.schneid.at

### SCHNEID terminal print 12-pin for FSS-SCHNEID Systeme

with plug-in SCHNEID surge arrester module FSS-SCHNEID

Order number:	020.03231
Order code:	Anklemmprint 12polig für FSS-SCHNEID Systeme



#### **Overview:**

The SCHNEID 12-pin terminal board for FSS-SCHNEID systems is used to clamp the underground data cable in accordance with the specifications for SCHNEID networks (for more information, see www. Schneid.at). Furthermore, all the necessary discharge modules and protective devices for the precautions to protect the network and the control electronics against direct and indirect lightning strikes are integrated in the terminal module. The print is delivered loose without a housing.

#### **Terminal plan:**

Earth or shield clamp The shield of the incoming and outgoing cable s connected to the earth or shield terminal.	Terminal box for a twelve-pin cable here.
Eurthermore, the house grounding (or the hoiled tape at the entrance to the FW house) must be connected to these terminals. These are important requirements for protecting the system against indirect lightning strikes.	Terminal PE (green) controller terminal 25 shield Terminal 1 (blue) controller terminal 26 TX+ Terminal 2 (grey) controller terminal 26 TX+ Terminal 2 (grey) controller terminal 28 RX+ Terminal 4 (white) controller terminal 29 RX-
Surge arrester module	I I I I I I I I I I I I I I I I I I I
The arrester module has additional arresters for overvoltages in the system. Only one module per clamping board may be used. The module canbe plugged into three different slots. Depending on the selected slot, either line 1 (terminal 1,2,3,4), line 2 (term. 5,6,7,8) or line 3 (term 9,10,2,11,2) is switched through to the controller.	Short circuit plug Only if the respective short-circuit plug is plugged In, the individual wire strands strand 1 (1.2,3.4), Strand 2 (5.6,7.8) and strand 3 (9.10,11.12) are connected from the incoming side to the for- warding side. To measure the cable during operation, the respective short-circuit plug must
	therefore be pulled at both cable ends.
he incoming cable is the one that comes from the	therefore be pulled at both cable ends.     Advanced cable     The more extensive cable is the one that continues to the last control     device. If branching is planned, the second additional cable must also     be connected here.
he terminal board is designed for a twelve-pin cable. he incoming cable is the one that comes from the	Advanced cable The more extensive cable is the one that continues to the last control device. If branching is planned, the second additional cable must also
he terminal board is designed for a twelve-pin cable. he incoming cable is the one that comes from the isualization computer. Terminal assignment PE shieldeath in the example shown PE shieldeath at the connected to the controller	Advanced cable           The more extensive cable is the one that continues to the last control device. If branching is planned, the second additional cable must also be connected here.           Terminal assignment           PE shield/earth           In the example shown           PE shield/earth           1         TX+           1         TX+
he terminal board is designed for a twelve-pin cable. he incoming cable is the one that comes from the isualization computer. Terminal assignment PE shieldeath 1 TX+ line 1 active connected to the controller 2 TX- line 1 active connected to the controller	Advanced cable           The more extensive cable is the one that continues to the last control device. If branching is planned, the second additional cable must also be connected here.           Terminal assignment           PE         shieldwarth           PE         shieldwarth           1         TX+           2         TX-           10         TX+
he terminal board is designed for a twelve-pin cable. he incoming cable is the one that comes from the sualization computer. Terminal assignment PE shieldwarth in the example shown PE shieldwarth 1 active connected to the controller	Advanced cable           The more extensive cable is the one that continues to the last control device. If branching is planned, the second additional cable must also be connected here.           Terminal assignment           PE shield/earth           1         TX+           1         TX+           1         TX+           2         TX-           3         RX+           1         Tx+           1         Tx+
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he terminal board is designed for a twelve-pin cable. the incoming cable is the one that comes from the isualization computer. Terminal assignment PE shieldeath in the example shown PE shieldeath active connected to the controller 2 TX- line 1 active connected to the controller 3 RX+ line 1 active connected to the controller 4 RX- line 1 active connected to the controller 5 TX+ line 2 6 TX- line 2	Advanced cable           The more extensive cable is the one that continues to the last control device. If branching is planned, the second additional cable must also be connected here.           Terminal assignment           PE shieldwath in the example shown           PE shieldwath           1         TX+         line 1         switched through when short-circuit plug is attached           3         RX+         line 1         switched through when short-circuit plug is attached           4         RX-         line 1         switched through when short-circuit plug is attached           5         TX+         line 2         switched through when short-circuit plug is attached           6         TX-         line 2         switched through when short-circuit plug is attached
he terminal board is designed for a twelve-pin cable. The incoming cable is the one that comes from the isualization computer. Terminal assignment PE shieldeatt 1 TX* line 1 active connected to the controller 2 TX- line 1 active connected to the controller 3 RX* line 1 active connected to the controller 4 RX- line 1 active connected to the controller 5 TX* line 2	Advanced cable           The more extensive cable is the one that continues to the last control device. If branching is planned, the second additional cable must also be connected here.           Terminal assignment in the example shown           PE         shield/safth           PE
The terminal board is designed for a twelve-pin cable. The incoming cable is the one that comes from the isualization computer. Terminal assignment PE shieldearth in the example shown PE shieldearth in the example shown PE shieldearth a two connected to the controller 2 TX- line 1 active connected to the controller 3 RX+ line 1 active connected to the controller 4 RX- line 1 active connected to the controller 5 TX+ line 1 active connected to the controller 6 TX- line 2 7 RX+ line 2 9 RX- line 2	Advanced cable           The more extensive cable is the one that continues to the last control device. If branching is planned, the second additional cable must also be connected here.           Terminal assignment           PE         shieldwarth           1         TX+
The terminal board is designed for a twelve-pin cable. The incoming cable is the one that comes from the isualization computer. Terminal assignment PE shieldleatt in the example shown PE shieldleatt a consected to the controller 2 TX- line 1 active connected to the controller 3 RX+ line 1 active connected to the controller 4 RX- line 1 active connected to the controller 5 TX+ line 1 active connected to the controller 5 TX+ line 1 active connected to the controller 6 TX- line 2 7 RX+ line 2 9 RX+ line 3	Advanced cable           The more extensive cable is the one that continues to the last control device. If branching is planned, the second additional cable must also be connected here.           Torminal acsignment           PE         shieldeath         in the example shown           PE         shieldeath         in the example shown           PE         shieldeath         in the sample shown           PE         shieldeath         in the sample shown           PE         shieldeath         intel switched through when short-circuit plug is attached           3         RX+         line 1         switched through when short-circuit plug is attached           4         RX-         line 1         switched through when short-circuit plug is attached           5         TX+         line 2         switched through when short-circuit plug is attached           6         TX+         line 2         switched through when short-circuit plug is attached           8         RX-         line 2         switched through when short-circuit plug is attached           9         TX+         line 2         switched through when short-circuit plug is attached
The terminal board is designed for a twelve-pin cable. The incoming cable is the one that comes from the visualization computer. Terminal assignment PE shield/earth in the example shown PE shield/earth a twe connected to the controller 2 TX- line 1 active connected to the controller 3 RX+ line 1 active connected to the controller 4 RX- line 1 active connected to the controller 5 TX+ line 1 active connected to the controller 6 TX- line 1 6 TX- line 2 9 RX- line 2	Advanced cable           The more extensive cable is the one that continues to the last control device. If branching is planned, the second additional cable must also be connected here.           Terminal assignment           PE         shieldwarth           1         TX+

## Terminal print 12-pin

#### Scope of delivery:

SCHNEID terminal board 12P for FSS-SCHNEID systems with pluggable SCHNEID surge arrester module FSS-SCHNEID. The print is delivered loose without a housing.

Technical specifications:			
Intrastat Number	8537.10.91.99		
Country of origin	EU/AT		
Height, width, depth (in mm)	90x100x19mm		
Weight (in kg)	0,074		
Degree of protection	IP-00		
Ambient temperature	0°C+40°C		
Breakdown Voltage VBR	9,5 – 10,5V		
Maximum Clamping Voltage V $_{ m C}$	14,5V		
Maximum Peak Pulse IPPM	103A		
Peak Pulse Power (10/1000µs)	1500W		
Connection type	Fixed wiring terminals		
Connection technology	Spring clamp		
Cable cross-section	Max. 2.5mm²		
Mounting type	DIN-RAIL TS35		
Operating time	Continuous operation		
Degree of pollution	2		