

Product Information Bulletin *PI*

No.: 10
 Date: 23/04/2017
 Product group: 3
 Distribution list: 4
 Author: Schönebeck

A comparison of TC terminal assignment

The comparison of the terminal assignment between the TC 116, TC 218, TC 318 and the new TC 1 – 3 will provide additional support for the product launch of the new TC 1 – 3. This comparison provides particularly valuable assistance for replacing an existing tightness control.

Terminal assignment TC 1 valVario in comparison

Simple electrical integration in the system reduces project planning time

TC 1V	TC 1V	TC 116V
L1 (+)	1	1
L1 (+)*	2	2
N (-)	3	3
N (-)	4	4
Safety interlock input signal Δ	5	1
Enable signal OK	6	6
Without function	7	-
L1 (+)*	8	11
L1 (+)*	9	-
Thermostat /start-up signal 9	10	5
Reset button 1/2	11	12
Fault 1/2 1/2	12	7
L1 (+) V1	13	Plug B Pin 2
L1 (+) V2	14	Plug B Pin 3
V1	15	Plug C Pin 2
V2	16	Plug C Pin 3
N (-)	17	Plug C Pin 1
N (-)	18	-

* L1 (+) is at the TC 1V behind the device fuse, at the TC 116V before the device fuse

Terminal assignment TC 1 CG in comparison

Simple electrical integration in the system reduces project planning time

TC 1C	TC 1C	TC 116W
L1 (+)	1	2
L1 (+)*	2	2
N (-)	3	3
N (-)	4	4
Safety interlock input signal Δ	5	1
Enable signal OK	6	6
Without function	7	-
L1 (+)*	8	11
L1 (+)*	9	-
Thermostat /start-up signal 9	10	5
Reset button 1/2	11	12
Fault 1/2 1/2	12	7
L1 (+) V1	13	Plug B Pin 3
L1 (+) V2	14	Plug B Pin 2
V1	15	Plug C Pin 3
V2	16	Plug C Pin 2
N (-)	17	Plug C Pin 1
N (-)	18	-

* L1 (+) is at the TC 1C behind the device fuse, at the TC 116W before the device fuse

Terminal assignment TC 2 in comparison

Simple electrical integration in the system reduces project planning time

TC 2	TC 2	TC 218
L1 (+)	1	1
L1 (+)*	2	2
N (-)	3	3
N (-)	4	4
Safety interlock input signal Δ	5	1
Enable signal OK	6	6
Without function	7	-
L1 (+)*	8	11
L1 (+)*	9	-
Thermostat /start-up signal 9	10	5
Reset button 1/2	11	12
Fault 1/2 1/2	12	7
L1 (+) V1	13	Plug B Pin 3
L1 (+) V2	14	Plug B Pin 2
V1	15	Socket C Pin 3
V2	16	Socket C Pin 2
N (-)	17	Socket C Pin 1
N (-)	18	-

* L1 (+) is at the TC 2 behind the device fuse, at the TC 218 before the device fuse

Terminal assignment TC 3 in comparison

Simple electrical integration in the system reduces project planning time

TC 3	TC 3	TC 318
L1 (+)	1	1
L1 (+)*	2	2
N (-)	3	3
N (-)	4	4
Safety interlock input signal Δ	5	1
Enable signal OK	6	6
Without function	7	-
L1 (+)*	8	11
L1 (+)*	9	-
Thermostat /start-up signal 9	10	5
Reset button 1/2	11	12
Fault 1/2 1/2	12	7

* L1 (+) is at the TC 3 behind the device fuse, at the TC 318 before the device fuse

The pages shown are part of the added-value presentation of the new TC 1 – 3 which is now available in the Docuthek at www.docuthek.com