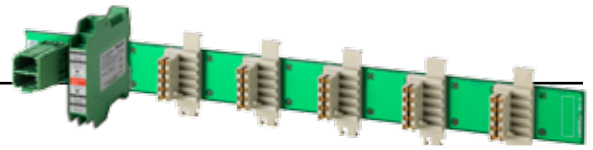


Touchpoint Pro Communication/Power Rail



Specifications

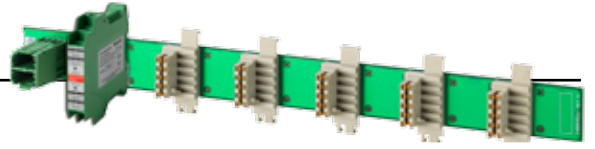
Ring Coupling Module

Communication / Power Rail	
Description	5, 7, 9 or 10-way Communication / Power Rail consists of 1 DIN Rail, 1 Ring Coupling Module (RCM), and a 5, 7, 9 or 10-way Backplane
DIN Rail	
Total Width	430 mm
Type	TS-35/15
Ring Coupling Module (RCM)	
Description	Module for connection of DIN Rail mounted I/O modules to Ring Network
Electrical Connection	2 x Ring Network TX / RX Driver Pairs (Each 2-Wire plus Drain)
Supply Voltage	24 Vdc (18-32 Vdc)
Power Consumption	Maximum 1 W
Power Dissipation	Maximum 1 W
Ring Network Cable	Minimum 2 x 2 x 1 mm ² twisted pair, plus Drain and Overall Screen
Operating Temperature	-40°C to +65°C
Storage Temperature	-40°C to +65°C
Environmental Protection Class	Pollution Degree 2 (indoor sheltered)
Connector Coding	Ring cable connectors (TB1-TB4) are coded with coding keys to avoid mis-wiring.
DIN Rail connector (Module Supply and Communication)	Maximum Current: 60 mA (18-32 Vdc)
Backplane	
Description	5, 7, 9 and 10 I/O slot (excluding first slot reserved for RCM) backplane PCB for providing power and Ring Network connections to the RCM and I/O modules
Electrical Connection	2-wire (+V and -V) at Power Supply Input for 5, 7, 9 I/O Slot Backplane 2 x 2-wire (+V and -V) at Power Supply Input for 10 I/O Slot Backplane 10-pin backplane connector for connection to RCM and I/O Modules
Maximum Wire Size	6 mm ²
Supply Voltage	24 Vdc (18-32 Vdc)
Backplane current Rating	Maximum 20 A
Power Supply Connector Rating	Maximum 32 V, 41 A
Backplane connector	Maximum 32 V, 4.04 A
Environmental Protection Class	Pollution Degree 2 (indoor sheltered)
Operating Temperature	-40°C to +65°C
Storage Temperature	-40°C to +65°C

Communication / Power Rail

Terminal Identification	Label	Channel
1	+	Ring A In
2	Drain	
3	-	
4	+	Ring B Out
5	Drain	
6	-	
7	+	Ring B in
8	Drain	
9	-	
10	+	Ring A Out
11	Drain	
12	-	

Touchpoint Pro Communication/Power Rail



Specifications continued

Part Numbers

Communication/Power Rail

For 19" Rack enclosure versions

TPPR-V-0520	5 Way Communication/Power Rail
TPPR-V-0525	7 Way Communication/Power Rail
TPPR-V-0530	9 Way Communication/Power Rail

For standard Wall Mount and Floor Standing Cabinet versions

TPPR-V-0540	10 Way Communication/Power Rail
TPPR-V-0541	9 Way Communication/Power Rail with additional RCM
TPPR-V-0542	9 Way Communication/Power Rail with additional DIM
TPPR-V-0543	8 Way Communication/Power Rail with additional DIM and RCM

Honeywell Analytics Gas Detection



Honeywell Analytics is able to provide gas detection solutions to meet the requirements of all applications and industries. Contact us in the following ways:

Headquarters

Europe, Middle East, Africa

Life Safety Distribution AG

Javastrasse 2

8604 Hegnau

Switzerland

Tel: +41 (0)44 943 4300

Fax: +41 (0)44 943 4398

gasdetection@honeywell.com

Customer Service:

Tel: +800 333 222 44 (Freephone number)

Tel: +41 44 943 4380 (Alternative number)

Fax: +800 333 222 55

Middle East Tel: +971 4 450 5800 (Fixed Gas Detection)

Middle East Tel: +971 4 450 5852 (Portable Gas Detection)

Americas

Honeywell Analytics Distribution Inc.

405 Barclay Blvd.

Lincolnshire, IL 60069

USA

Tel: +1 847 955 8200

Toll free: +1 800 538 0363

Fax: +1 847 955 8210

detectgas@honeywell.com

Asia Pacific

Honeywell Analytics

Asia Pacific

#701 Kolon Science Valley (1)

43 Digital-Ro 34-Gil, Guro-Gu

Seoul 152-729

Korea

Tel: +82 (0) 2 6909 0300

Fax: +82 (0) 2 2025 0388

India Tel: +91 124 4752700

analytics.ap@honeywell.com

Technical Support Centres

Honeywell Analytics Ltd.

4 Stinsford Road

Nuffield Industrial Estate

Poole, Dorset, BH17 0RZ

United Kingdom

Tel: +44 (0) 1202 645 544

Fax: +44 (0) 1202 645 555

Honeywell Analytics

ZAC Athélia 4 - 375 avenue du Mistral

Bât B, Espace Mistral

13600 La Ciotat

France

Tel: +33 (0) 4 42 98 17 75

Fax: +33 (0) 4 42 71 97 05

Honeywell Analytics

Elsenheimerstrasse 43

80687 München

Germany

Tel: +49 89 791 92 20

Fax: +49 89 791 92 43

Honeywell Analytics

P.O. Box-45595

6th Street

Musaffah Industrial Area

Abu Dhabi

UAE

Tel: +971 2 554 6672

Fax: +971 2 554 6672

EMEA: HAexpert@honeywell.com

US: ha.us.service@honeywell.com

AP: ha.ap.service@honeywell.com

www.honeywellanalytics.com

www.raesystems.com

Honeywell Analytics
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BWF
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