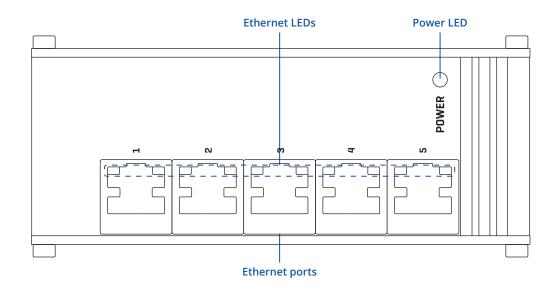




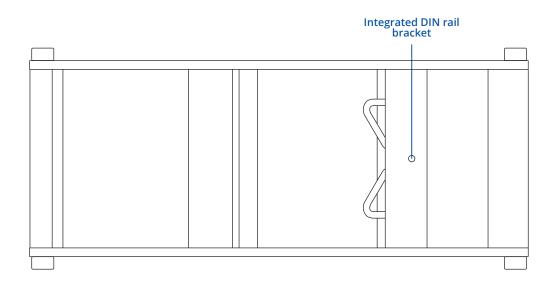


# HARDWARE

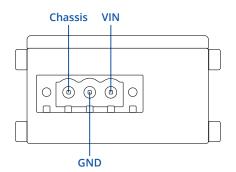
### **FRONT VIEW**



#### **BACK VIEW**



### **POWER SOCKET PINOUT**



### **RJ45 LED MEANING**

Orange LED on: link established 10/100 Mbps Orange LED blinking: active connection





# **FEATURES**

## ETHERNET

EEEE 80.3. series standards     802.31, 802.34, 802.34, 802.342       PERFORMANCE SPECIFICATIONS       Bandwidin (Non-bincking)     10.Chps       Packer buffer     128 KB       McK. address table size     2K enrices       Jumbo frame support     9216 bytes       POWER	ETHERNET	
PERFORMANCE SPECIFICATIONS       Bandwidth (Non-bilocking)     10 Gbps       Packer buffer     128 k8       MAC address table size     2K entries       Jurnbo frame support     9216 bytes       POWER	Ethernet	5 x ETH ports, 10/100 Mbps, supports auto MDI/MDIX crossover
Bandwidth (Non-blocking)     10 Gbps       Packer buffer     128 KB       MAC address table size     2K entries       Jumbo frame support     9216 bytes       POWER     Connector       Connector     3-pin industrial DC power socket       Input voltage range     7 - 57 VDC, overvoltage protection: 60 Vmax, reverse polarity protection: 80 Vmax, surge protection: min 64.4V/max 71.2V       Prover consumption     Idle: 1 W/ Max: 1.5 W       PHYSICAL INTERFACES     5 x RJ45 ports, 10/100 Mbps       Ethernet     5 x RJ45 ports, 10/100 Mbps       Status LEDs     1 x Power LED, 10 x ETH status LEDS       Power     1 x 3-pin industrial DC power socket       Grounding     Grounding terminal on power contector       PHYSICAL SPECIFICATION     Casing material       Andelded aluminum housing and panels     Casing material       Dimensions (W x H x D)     113 x 28 x 50 mm       Weight     142 g       Mounting options     Integrated DIN rail bracket       OPerating temperature     -40 °C to 75 °C       Operating temperature     -40 °C to 75 °C       Operating temperature     -40 °C to 75 °C       Operating temperature<	IEEE 802.3 series standards	802.3i, 802.3u, 802.3ab, 802.3x, 802.3az
Packer buffer     128 KB       MAC address table size     2K entries       Jumb frame support     9216 bytes       POWER     Entries       Connector     3-pin industrial DC power socket       input voltage range     7-57 VDC, overvoltage protection: 60 Vmax, reverse polarity protection: 80 Vmax, surge protection: min 64.4V/max 71.2V breakdown voltage. 93.6V maximum reverse voltage @4.3A maximum reverse surge current       Power consumption     Ide! 1 W / Max: 1.5 W       PHYSICAL INTERFACES     Extension       Ethernet     5 × R[45 ports, 10/100 Mbps       Status LEDs     1 x Power LED, 10 x ETH status LEDs       Power     1 x 3-pin industrial DC power socket       Grounding     Grounding terminal on power connector       PHYSICAL SPECIFICATION     Extension Maximum housing and panels       Dimensions (W x H x D)     113 x 28 x 50 mm       Weight     142 g       Mounting options     Integrated DIn all bracket       OPERATIING ENVIRONMENT     Diregrates Multity       Operating temperature     -40 *C to 75 *C       Operating temperature     -40 *C to 75 *C       Operating temperature     -50 500% conte-condensing       Ingress Protection Rating <td>PERFORMANCE SPECIFICA</td> <td>TIONS</td>	PERFORMANCE SPECIFICA	TIONS
MAC address table size 2K entries   Jurnbo frame support 9216 bytes   POWER Spin industrial DC power socket   Connector 3-pin industrial DC power socket   Input voltage range 7 - 57 VDC, overvoltage protection: 60 Vmax, reverse polarity protection: 80 Vmax, surge protection: min 64.4V/max 71 2V breakdown voltage 93.6V maximum reverse voltage 94.3A maximum reverse surge current   Power consumption Idle: 1 W / Max: 1.5 W   PHYSICAL INTERFACES Ethernet   S x RJ45 ports, 10/100 Mbps Status LEDs   Power 1 x 3-pin industrial DC power socket   Grounding Grounding terminal on power connector   PHYSICAL SPECIFICATION It as 28 K0 mm   Velight 113 x 28 K0 mm   Weight 142 g   Mounting options Integrated DIN rall bracket   OPERATING ENVIRONMENT Itegrated DIN rall bracket   Operating temperature -40 °C to 75 °C   Operating temperature -40 °C to 75 °C   Operating temperature -60 °C	Bandwidth (Non-blocking)	10 Gbps
Juncob frame support     9216 bytes       POWER     Power       Connector     3-pin industrial DC power socket       Input volkage range     7 - 57 VDC, overvolkage protection: 60 Vmax, reverse polarity protection: 80 Vmax, surge protection: min 64.4V/max 71.2V       Power consumption     Idle: 1 W / Max: 1.5 W       PHYSICAL INTERFACES     Ethernet       S x RJ45 ports, 10/100 Mbps     Status LEDs       1 x Power LED, 10 x ETH status LEDs     Forward a spin industrial DC power socket       Grounding     Grounding terminal on power connector       PHYSICAL SPECIFICATION     Casing material       Anodized aluminum housing and panels     Intergrated DIN rail bracket       Operating temperature     -40 °C to 75 °C       Operating temperature     -50 So32:2015-A11:2020; EN IEC 61000-3-2:2019-A1:2021; EN 61000-3-3:2013-A1:2019+A2:2021; EN 5003:2017-A11:2020; EN IEC 61000-3-2:2019-A1:2021; EN 61000-3-3:2013-A1:2019+A2:2021; EN 5003:2017-A11:2020; EN IEC 61000-3-2:2019-A1:2021; EN 61000-3-3:2013-A1:2019+A2:2021; EN 61000-3-3:2013-A1:2019+A2:2021; EN 61000-3-3:2013-A1:2019+A2:2021; EN 61000-3-3:2013-A1:2019+A2:2021; EN 6	Packer buffer	128 KB
POWER       Connector     3-pin industrial DC power socket       Input voltage range     7 - 57 VDC, overvoltage protection: 60 Vmax, reverse polarity protection: 80 Vmax, surge protection: min 64.4V/max 71.2V breakdown voltage, 33.6V maximum reverse voltage 84.3A maximum reverse surge current.       Power consumption     Idle: 1 W / Max: 1.5 W       PHYSICAL INTERFACES     Ethernet       Ethernet     5 x RJAS ports, 10/100 Mbps       Status LEDs     1 x Power LED, 10 x ETH status LEDs       Power     1 x 3-pin industrial DC power socket       Grounding     Grounding terminal on power connector       PHYSICAL SPECIFICATION     Ethernet       Casing material     Anodized aluminum housing and panels       Dimensions (W x H x D)     113 x 28 x 50 mm       Weight     142 g       Mounting options     Integrated DIN rail bracket       OPERATING ENVIRONMENT     Qperating temperature       Qio C to 75 °C     Qperating temperature       Pio 0     EK       EMUSIONS & IMMUNITY     EN 5503:2015+A11:2020; EN IEC 61000-3-3:2013+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021; EN 5035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-4-3:2021       EMI IMMUNITY     EN 61000-4-3:2020       EN 61000-4-2:2009	MAC address table size	2K entries
Connector     3-pin industrial DC power socket       Input voltage range     7-57 VDC, overvoltage protection: 60 Vmax, reverse polarity protection: 80 Vmax, surge protection: min 64.4V/max 71.2V breakdown voltage, 93.6V maximum reverse voltage @4.3A maximum reverse surge current       Power consumption     Idle: 1 W / Max: 1.5 W       PHYSICAL INTERFACES     Ethernet     5 x RJ45 ports, 10/100 Mbps       Status LEDs     1 x Power LED, 10 x ETH status LEDs     Power       Power     1 x 3-pin industrial DC power socket     Grounding       Grounding     Grounding terminal on power connector       PHYSICAL SPECIFICATION     Casing material     Anodized aluminum housing and panels       Dimensions (W x H x D)     113 x 28 x 50 mm     Weight     142 g       Mounting options     Integrated DIN rail bracket     OPERATING ENVIRONMENT       Operating temperature     -40 °C to 75 °C     C       Operating temperature     -40 °C to 75 °C     C       Operating temperature     -50 S035:2017+A11:2020; EN IEC 61000-3-3:2013+A1:2019+A2:2021; EN G1000-3-3:2013+A1:2019+A2:2021; EN G1000-3-3:2013+A1:2019+A2:2021; EN G1000-3-3:2013+A1:2019+A2:2021; EN G1000-3-3:2013+A1:2019+A2:2021; EN G1000-4-3:2020       EME EMISIONS & IMMUNITY     EN ES5032:2015+A11:2020; EN IEC 610000-3-2:2019+A1:2021; EN G1000-3-3:2013+A1:2019+A2:2021; EN G1000-	Jumbo frame support	9216 bytes
Input voltage range   7 - 57 VDC, overvoltage protection: 60 Vmax, reverse polarity protection: 80 Vmax, surge protection: min 64.4V/max 71.2V breakdown voltage, 93 6V maximum reverse voltage @4.3A maximum reverse surge current     Power consumption   Idle: 1V Max: 1.5 W     PHYSICAL INTERFACES   5 x 8/45 ports, 10/100 Mbps     Status LEDs   1 x Power LED, 10 x ETH status LEDs     Power   1 x 3-pin industrial DC power socket     Grounding   Grounding terminal on power connector     PHYSICAL SPECIFICATION   113 x 28 x 50 mm     Casing material   Anodized aluminum housing and panels     Dimensions (W x H x D)   113 x 28 x 50 mm     Weight   142 g     Mounting options   Integrated DIN rail bracket     OPERATING ENVIRONMENT   Operating humidity     Operating humidity   10% to 90% non-condensing     Ingress Protection Rating   IP30     REGULATORY & TYPE APPROVALS     Regulatory   CE, UKCA, EAC, UCRF, RCM, FCC, IC, CB     EMC   EN 61000-4-3:200; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3:3:2013+A1:2019+A2:2021;     ESD   EN 61000-4-3:200;     EFT   EN 61000-4-3:200;     EFT   EN 61000-4-3:200;     EN 61000-4-3:200; <td< td=""><td>POWER</td><td></td></td<>	POWER	
Input Voltage range     breakdown voltage, 93.6V maximum reverse voltage @4.3A maximum reverse surge current       Power consumption     Idle: 1 W / Max: 1.5 W       PHYSICAL INTERFACES     Ethernet     5 x RJ45 ports, 10/100 Mbps       Status LEDs     1 x Power LED, 10 x ETH status LEDs       Power     1 x 3-pin industrial DC power socket       Grounding     Grounding terminal on power connector       PHYSICAL SPECIFICATION     Casing material       Casing material     Anodized aluminum housing and panels       Dimensions (W x H x D)     113 x 28 x 50 mm       Weight     142 g       Mounting options     Integrated DIN rail bracket       OPERATING ENVIRONMENT     -40 °C to 75 °C       Operating temperature     -40 °C to 75 °C       Operating humidity     10% to 90% non-condensing       Ingress Protection Rating     IP30       REGULATORY & TYPE APPROVLS       ENIL (MUUNITY     EN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN 156035:2017+A11:2020; EN 156035:	Connector	3-pin industrial DC power socket
PHYSICAL INTERFACES       Ethernet     5 x RJ45 ports, 10/100 Mbps       Status LEDs     1 x Power LED, 10 x ETH status LEDs       Power     1 x 3-pin industrial DC power socket       Grounding     Grounding terminal on power connector       PHYSICAL SPECIFICATION     113 x 28 x 50 mm       Casing material     Anodized aluminum housing and panels       Dimensions (W x H x D)     113 x 28 x 50 mm       Weight     142 g       Mounting options     Integrated DIN rail bracket       OPERATING ENVIRONMENT     Querating temperature       40 °C to 75 °C     Querating temperature       40 °C to 75 °C     Querating humidity       10 % to 90% non-condensing     Ingress Protection Rating       Ingress Protection Rating     IP30       REGULATORY & TYPE APPROVLS     Execution Science Scien	Input voltage range	
Ethernet 5 x RJ45 ports, 10/100 Mbps   Status LEDs 1 x Power LED, 10 x ETH status LEDs   Power 1 x 3-pin industrial DC power socket   Grounding Grounding terminal on power connector   PHYSICAL SPECIFICATION Ital x 28 x 50 mm   Weight 142 g   Mounting options Integrated DIN rail bracket   OPERATING ENVIRONMENT Integrated DIN rail bracket   Operating temperature -40 °C to 75 °C   Operating humidity 10% to 90% non-condensing   Ingress Protection Rating IP30   REGULATORY & TYPE APPROVALS   Regulatory CE, UKCA, EAC, UCRF, RCM, FCC, IC, CB   EME EMISSIONS & IMMUNITY EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021; ESD   EN 1 IO00-4-2:209 Ex 1 EC 61000-4-3:2021   ETT EN 1600-4-3:2020   ETT EN 16100-4-3:2020   ETT EN 16100-4-3:2020   ETT EN 16100-4-3:2020   ETT EN 16100-4-3:2021   ETT EN 16100-4-3:2020   ETT EN 16100-4-3:2021   ETT EN 16100-4-3:2020   ETT EN 16100-4-3:2020   ETT EN 16100-4-3:2021   ETT EN 16100-4-3:2020   ETT EN 161000-4-3:2021	Power consumption	Idle: 1 W / Max: 1.5 W
Status LEDs   1 x Power LED, 10 x ETH status LEDs     Power   1 x 3-pin industrial DC power socket     Grounding   Grounding terminal on power connector     PHYSICAL SPECIFICATION   Edited aluminum housing and panels     Dimensions (W x H x D)   113 x 28 x 50 mm     Weight   142 g     Mounting options   Integrated DIN rail bracket     OPERATING ENVIRONMENT   -40 °C to 75 °C     Operating temperature   -40 °C to 75 °C     Operating temperature   1930     REGULATORY & TYPE APPROVALS     Regulatory   CE, UKCA, EAC, UCRF, RCM, FCC, IC, CB     EMC EMISSIONS & IMMUNITY   EN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021; ESD     EAGlated Immunity   EN IEC 61000-4-3:2020     EFT   EN 61000-4-2:2009     Radiated Immunity   EN 16000-4-3:2021     EVER MINITY   EN 16000-4-4:2012     Surge Immunity   EN 61000-4-5:2014 + A1:2017     CS   EN 61000-4-6:2014	PHYSICAL INTERFACES	
Power 1 x 3-pin industrial DC power socket   Grounding Grounding terminal on power connector   PHYSICAL SPECIFICATION   Casing material Anodized aluminum housing and panels   Dimensions (W x H x D) 113 x 28 x 50 mm   Weight 142 g   Mounting options Integrated DIN rail bracket   OPERATING ENVIRONMENT Operating temperature   -40 °C to 75 °C   Operating humidity 10% to 90% non-condensing   Ingress Protection Rating IP30   REGULATORY & TYPE APPROVALS   Regulatory CE, UKCA, EAC, UCRF, RCM, FCC, IC, CB   EMC EMISSIONS & IMMUNITY EN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021; ESD   ENI IMMUNITY EN 15032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021; ESD   EFT EN 61000-4-3:2020   EFT EN 61000-4-3:2020   EFT EN 61000-4-5:2014   Surge Immunity (AC Mains Power Port) EN 61000-4-5:2014 + A1:2017   CS EN 61000-4-6:214	Ethernet	5 x RJ45 ports, 10/100 Mbps
Grounding   Grounding terminal on power connector     PHYSICAL SPECIFICATION     Casing material   Anodized aluminum housing and panels     Dimensions (W x H x D)   113 x 28 x 50 mm     Weight   142 g     Mounting options   Integrated DIN rail bracket     OPERATING ENVIRONMENT   Operating temperature     -40 °C to 75 °C   Operating temperature     Operating humidity   10% to 90% non-condensing     Ingress Protection Rating   IP30     REGULATORY & TYPE APPROVALS   Regulatory     CE, UKCA, EAC, UCRF, RCM, FCC, IC, CB   EMI IMMUNITY     EMI IMMUNITY   EN 55032:2015+A11:2020; EN 1EC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021; ESD     EAdiated Immunity   EN 1EC 61000-4-3:2020     EFT   EN 61000-4-2:2009     Radiated Immunity   EN 61000-4-3:2020     EFT   EN 61000-4-2:2012     Surge Immunity   EN 61000-4-3:2014     KC Mains Power Port)   EN 61000-4-2:2014	Status LEDs	1 x Power LED, 10 x ETH status LEDs
PHYSICAL SPECIFICATION     Casing material   Anodized aluminum housing and panels     Dimensions (W x H x D)   113 x 28 x 50 mm     Weight   142 g     Mounting options   Integrated DIN rail bracket     OPERATING ENVIRONMENT   Operating temperature     -40 °C to 75 °C   Operating temperature     Operating temperature   -40 °C to 75 °C     Operating temperature   -40 °C to 75 °C     Operating humidity   10% to 90% non-condensing     Ingress Protection Rating   IP30     REGULATORY & TYPE APPROVALS   Regulatory     CE, UKCA, EAC, UCRF, RCM, FCC, IC, CB   EMC EMISSIONS & IMMUNITY     EMI IMMUNITY   EN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3:3:2013+A1:2019+A2:2021; ESD     EN 61000-4-2:2009   Radiated Immunity     ENT   EN 61000-4-3:2020     EFT   EN 61000-4-3:2020     EFT   EN 61000-4-3:2020     EFT   EN 61000-4-5:2014 + A1:2017     CS   EN 61000-4-6:2014	Power	1 x 3-pin industrial DC power socket
Casing materialAnodized aluminum housing and panelsDimensions (W x H x D)113 x 28 x 50 mmWeight142 gMounting optionsIntegrated DIN rail bracketOPERATING ENVIRONMENTOperating temperature-40 °C to 75 °COperating humidity10% to 90% non-condensingIngress Protection RatingIP30EGULATORY & TYPE APPROVALSRegulatoryCE, UKCA, EAC, UCRF, RCM, FCC, IC, CBEN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021;ESDEN 61000-4-2:2009Radiated ImmunityEN 16100-4-3:2020EFTEN 61000-4-3:2020EFTEN 61000-4-3:2014 + A1:2017CSEN 61000-4-6:2014	Grounding	Grounding terminal on power connector
Dimensions (W x H x D)113 x 28 x 50 mmWeight142 gMounting optionsIntegrated DIN rail bracketOPERATING ENVIRONMENTOperating temperature-40 °C to 75 °COperating humidity10% to 90% non-condensingIngress Protection RatingIP30REGULATORY & TYPE APPROVALSRegulatoryCE, UKCA, EAC, UCRF, RCM, FCC, IC, CBEMC EMISSIONS & IMMUNITYEN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021;ESDEN 61000-4-2:2009Radiated ImmunityEN 1EC 61000-4-3:2020EFTEN 61000-4-4:2012Surge Immunity (AC Mains Power Port)EN 61000-4-5:2014 + A1:2017CSEN 61000-4-6:2014	PHYSICAL SPECIFICATION	
Weight142 gMounting optionsIntegrated DIN rail bracketOPERATING ENVIRONMENTOperating temperature-40 °C to 75 °COperating humidity10% to 90% non-condensingIngress Protection RatingIP30REGULATORY & TYPE APPROVALSRegulatoryCE, UKCA, EAC, UCRF, RCM, FCC, IC, CBEMC EMISSIONS & IMMUNITYEN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021; ESDEN 61000-4-2:2009Radiated ImmunityERTEN 61000-4-3:2020EFTEN 61000-4-3:2020EFTEN 61000-4-5:2014 + A1:2017CSEN 61000-4-6:2014	Casing material	Anodized aluminum housing and panels
Mounting optionsIntegrated DIN rail bracketOPERATING ENVIRONMENTOperating temperature-40 °C to 75 °COperating humidity10% to 90% non-condensingIngress Protection RatingIP30REGULATORY & TYPE APPROVALSRegulatoryCE, UKCA, EAC, UCRF, RCM, FCC, IC, CBEMC EMISSIONS & IMMUNITYEN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021;ESDEN 61000-4-2:2009Radiated ImmunityEN 1EC 61000-4-3:2020EFTEN 61000-4-2:2012Surge Immunity (AC Mains Power Port)EN 61000-4-5:2014 + A1:2017CSEN 61000-4-6:2014	Dimensions (W x H x D)	113 x 28 x 50 mm
OPERATING ENVIRONMENT     Operating temperature   -40 °C to 75 °C     Operating humidity   10% to 90% non-condensing     Ingress Protection Rating   IP30     REGULATORY & TYPE APPROVALS     Regulatory   CE, UKCA, EAC, UCRF, RCM, FCC, IC, CB     EMC EMISSIONS & IMMUNITY     EMI IMMUNITY   EN 55032:2015+A11:2020; EN 15035:2017+A11:2020; EN 1EC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021;     ESD   EN 61000-4-2:2009     Radiated Immunity   EN 1EC 61000-4-3:2020     EFT   EN 61000-4-3:2020     EFT   EN 61000-4-5:2014 + A1:2017     CS   EN 61000-4-6:2014	Weight	142 g
Operating temperature-40 °C to 75 °COperating humidity10% to 90% non-condensingIngress Protection RatingIP30REGULATORY & TYPE APPROVALSRegulatoryCE, UKCA, EAC, UCRF, RCM, FCC, IC, CBEMC EMISSIONS & IMMUNITYEN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021;ESDEN 61000-4-2:2009Radiated ImmunityEN IEC 61000-4-3:2020EFTEN 61000-4-3:2020EFTEN 61000-4-4:2012Surge Immunity (AC Mains Power Port)EN 61000-4-5:2014 + A1:2017CSEN 61000-4-6:2014	Mounting options	Integrated DIN rail bracket
Operating humidity   10% to 90% non-condensing     Ingress Protection Rating   IP30     REGULATORY & TYPE APPROVALS     Regulatory   CE, UKCA, EAC, UCRF, RCM, FCC, IC, CB     EMC EMISSIONS & IMMUNITY   EN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021;     ESD   EN 61000-4-2:2009     Radiated Immunity   EN 1EC 61000-4-3:2020     EFT   EN 61000-4-4:2012     Surge Immunity (AC Mains Power Port)   EN 61000-4-5:2014 + A1:2017     CS   EN 61000-4-6:2014	OPERATING ENVIRONMEN	ІТ
Ingress Protection Rating IP30 <b>REGULATORY &amp; TYPE APPROVALS</b> Regulatory CE, UKCA, EAC, UCRF, RCM, FCC, IC, CB <b>EMC EMISSIONS &amp; IMMUNITY</b> EN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021; ESD EN 61000-4-2:2009 Radiated Immunity EN IEC 61000-4-3:2020 EFT EN 61000-4-4:2012 Surge Immunity (AC Mains Power Port) EN 61000-4-5:2014 + A1:2017 CS EN 61000-4-6:2014	Operating temperature	-40 °C to 75 °C
REGULATORY & TYPE APPROVALS     Regulatory   CE, UKCA, EAC, UCRF, RCM, FCC, IC, CB     EMC EMISSIONS & IMMUNITY     EN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021;     ESD   EN 61000-4-2:2009     Radiated Immunity   EN IEC 61000-4-3:2020     EFT   EN 61000-4-3:2020     EFT   EN 61000-4-3:2012     Surge Immunity (AC Mains Power Port)   EN 61000-4-5:2014 + A1:2017     CS   EN 61000-4-6:2014	Operating humidity	10% to 90% non-condensing
Regulatory   CE, UKCA, EAC, UCRF, RCM, FCC, IC, CB     EMC EMISSIONS & IMMUNITY   EN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021;     ESD   EN 61000-4-2:2009     Radiated Immunity   EN IEC 61000-4-3:2020     EFT   EN 61000-4-4:2012     Surge Immunity (AC Mains Power Port)   EN 61000-4-5:2014 + A1:2017     CS   EN 61000-4-6:2014	Ingress Protection Rating	IP30
EMC EMISSIONS & IMMUNITY     EMI IMMUNITY   EN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021;     ESD   EN 61000-4-2:2009     Radiated Immunity   EN IEC 61000-4-3:2020     EFT   EN 61000-4-4:2012     Surge Immunity (AC Mains Power Port)   EN 61000-4-5:2014 + A1:2017     CS   EN 61000-4-6:2014	REGULATORY & TYPE APP	ROVALS
EMI IMMUNITY   EN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021;     ESD   EN 61000-4-2:2009     Radiated Immunity   EN IEC 61000-4-3:2020     EFT   EN 61000-4-4:2012     Surge Immunity (AC Mains Power Port)   EN 61000-4-5:2014 + A1:2017     CS   EN 61000-4-6:2014	Regulatory	CE, UKCA, EAC, UCRF, RCM, FCC, IC, CB
ESD   EN 61000-4-2:2009     Radiated Immunity   EN IEC 61000-4-3:2020     EFT   EN 61000-4-4:2012     Surge Immunity (AC Mains Power Port)   EN 61000-4-5:2014 + A1:2017     CS   EN 61000-4-6:2014	EMC EMISSIONS & IMMUN	ΙΙΤΥ
Radiated Immunity     EN IEC 61000-4-3:2020       EFT     EN 61000-4-4:2012       Surge Immunity (AC Mains Power Port)     EN 61000-4-5:2014 + A1:2017       CS     EN 61000-4-6:2014	EMI IMMUNITY	EN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021;
EFT EN 61000-4-4:2012   Surge Immunity (AC Mains Power Port) EN 61000-4-5:2014 + A1:2017   CS EN 61000-4-6:2014	ESD	EN 61000-4-2:2009
Surge Immunity (AC Mains Power Port)     EN 61000-4-5:2014 + A1:2017       CS     EN 61000-4-6:2014	Radiated Immunity	EN IEC 61000-4-3:2020
(AC Mains Power Port)     EN 61000-4-5:2014 + A1:2017       CS     EN 61000-4-6:2014	EFT	EN 61000-4-4:2012
	Surge Immunity (AC Mains Power Port)	EN 61000-4-5:2014 + A1:2017
DIP EN IEC 61000-4-11:2020	CS	EN 61000-4-6:2014
	DIP	EN IEC 61000-4-11:2020

### SAFETY

Standards

IEC 62368-1:2018



# **STANDARD PACKAGE\***

- TSF010
- 3-pin power connector
- QSG (Quick Start Guide)
- Packaging box



\* Standard package contents may differ based on standard order codes.

# **CLASSIFICATION CODES**

HS Code: 851762 HTS: 8517.62.00

For more information on all available packaging options - please contact us directly.

# **AVAILABLE VERSIONS**

HARDWARE VERSION	SUPPORTED FREQUENCIES	STANDARD ORDER CODE / PACKAGE CONTAINS
TSF010 *****	N/A	TSF01000000 / Standard package



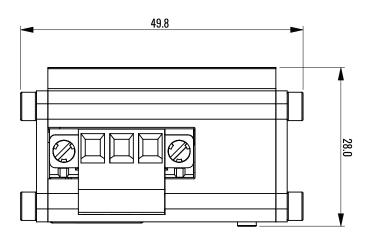
# **TSW010 SPATIAL MEASUREMENTS**

#### MAIN MEASUREMENTS

W x H x D dimensions for TSF010:		
Device housing*:	113 x 28 x 50 mm	
Box:	140 x 32 x 55 mm	
*Housing measurements are presented without screws; for measurements of other device elements look to the sections below.		

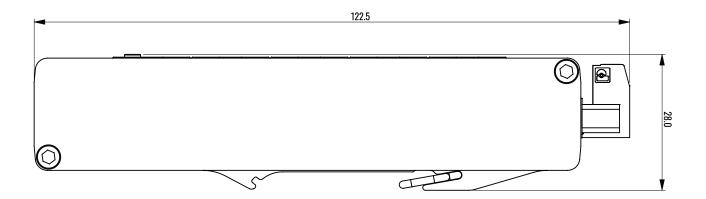
### **TOP VIEW**

The figure below depicts the measurements of TSF010 and its components as seen from the top:



### **RIGHT VIEW**

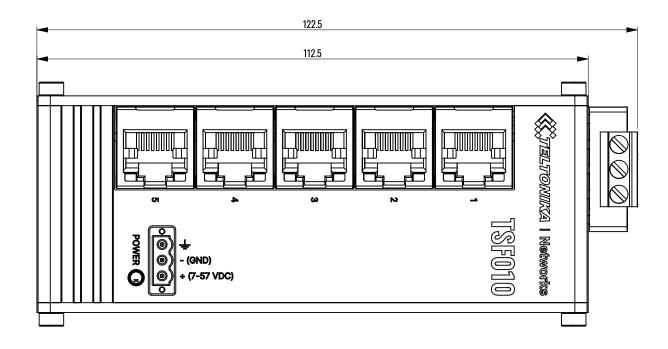
The figure below depicts the measurements of TSF010 and its components as seen from the right side:





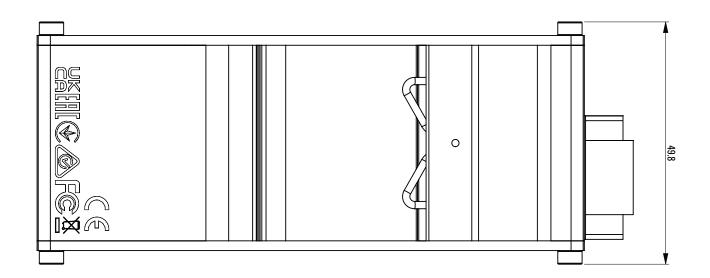
### FRONT VIEW

The figure below depicts the measurements of TSF010 and its components as seen from the front panel side:



### **REAR VIEW**

The figure below depicts the measurements of TSF010 and its components as seen from the back panel side:





## MOUNTING SPACE REQUIREMENTS

The figure below depicts an approximation of the device's dimensions when cables are attached:

