



ITS SafeTech SmartBox I

Produktblad

Produktnavn	ITS SafeTech Smartbox I	
Produktnummer	16095100100	
Beskrivelse	ITS for overvåking og styring	
Produktspesifikasjon	Effekt (maks): Inngang spenning: Strømtrekk (maks): LTE/GPS Antenne: IP grad: Tilkobling:	5 W 10.0 – 28 VDC 50 mA Integrert IP68 2 x Kabel
Sensorer	Batteri, GPS, Temperatur	
Mål (mm) 		
Vekt / Kapasitet (kg)	0,5	
Montering	Monteres 1 stk 32 mm hull	
Drift / Vedlikehold	Vedlikeholdsfritt	
Systemer for vurdering og kontroll, CE merking	EN 62368-1:2014 (Electrical safety) EN 62311:2008 (EMF exposure)	

Software oppgraderbar	Via plattform																											
Brukes sammen med	Prod.nr 92000010300 ES Fellesplattform – Krever brukerlisens																											
Oppsett kabel 1	Kabel 8 x 0,5 mm ²																											
Kabel 1	J101 Conn_01x08 1 Conn_Signal_Input 2 Conn_current_loop_sens_+input 3 Conn_current_loop_sens_-return_grounded 4 Conn_Signal_Output 5 Conn_CTRL_DC_LOAD_V+ 6 Conn_CTRL_DC_LOAD_V- 7 Conn_Vin+ 8 <table><tr><th>Id</th><th>Navn</th><th>Info</th></tr><tr><td>1</td><td>Signal Input</td><td>Internally grounded</td></tr><tr><td>2</td><td>4-20mA loop input</td><td>Loop</td></tr><tr><td>3</td><td>4-20mA loop return</td><td>Loop, Internally grounded</td></tr><tr><td>4</td><td>Signal output</td><td>Sourced from Vin +</td></tr><tr><td>5</td><td>CTRL DC Load +</td><td>Sourced from Vin +, max 30Vdc@3A</td></tr><tr><td>6</td><td>CTRL DC Load -</td><td>Low side switch, internally grounded</td></tr><tr><td>7</td><td>Vin +</td><td>+10 to 28 VDC</td></tr><tr><td>8</td><td>GND</td><td>Internally ground</td></tr></table>	Id	Navn	Info	1	Signal Input	Internally grounded	2	4-20mA loop input	Loop	3	4-20mA loop return	Loop, Internally grounded	4	Signal output	Sourced from Vin +	5	CTRL DC Load +	Sourced from Vin +, max 30Vdc@3A	6	CTRL DC Load -	Low side switch, internally grounded	7	Vin +	+10 to 28 VDC	8	GND	Internally ground
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Oppsett kabel 2	Kabel 2 x 1.5 mm ²																											
wire pad J102 1 Conn_CTRL_AC_LOAD_CON1 wire pad J103 1 Conn_CTRL_AC_LOAD_CON2	<table><tr><th>Id</th><th>Navn</th><th>Info</th></tr><tr><td>1</td><td>CTRL AC Load Con1</td><td>Max 250Vac@10A / 30VDC@5A</td></tr><tr><td>2</td><td>CTRL AC Load Con2</td><td>Max 250Vac@10A / 30VDC@5A</td></tr></table>	Id	Navn	Info	1	CTRL AC Load Con1	Max 250Vac@10A / 30VDC@5A	2	CTRL AC Load Con2	Max 250Vac@10A / 30VDC@5A																		
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Isolert signal inngang 1	Inn 10-28 VDC Signal Beskyttet mot over/under-spenning-transienter-bølger og sikret med 50mA PTC sikring																											
Isolert signal utgang 1	Ut (10-28 VDC) Signal Beskyttet mot over/under-spenning-transienter-bølger og sikret med 50mA PTC sikring																											
Isolert kontroll utgang 1	Ut (10-28 VDC)) < 3A @ forsyningsspenning - Beskyttet mot over/under-spenning-transienter-bølger - Sikres eventuelt med ekstern sikring for aktuell belastning.																											
Isolert kontroll utgang 2	Bryter 1 fase via relekontakt, < 10A @ 250VAC og < 5A @ 30VDC Sikres eventuelt med ekstern sikring for aktuell belastning.																											
4-20 mA inngang	4-20 mA mottaker (receiver), støtter loop konfigurasjon for: - Strøm kilde-transmitter, u isolert 3/4-wire - Loop-forsynt sender (transmitter), 2-wire																											



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