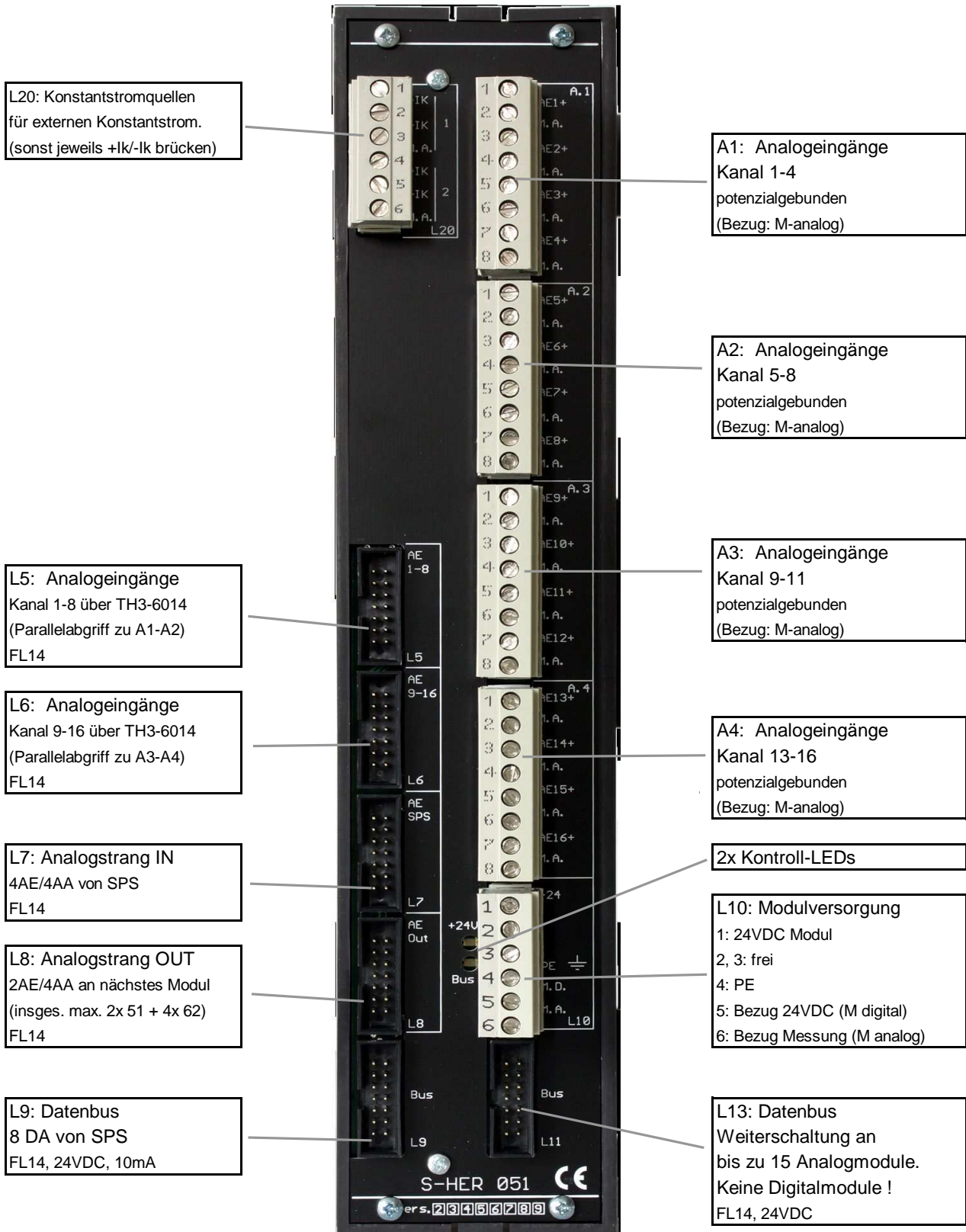


S-HER051

Analogeingangsmodul, 16-kan.

potenzialgeb. Analogeingang 0-10V, 0-20mA, R (0.....10kOhm)



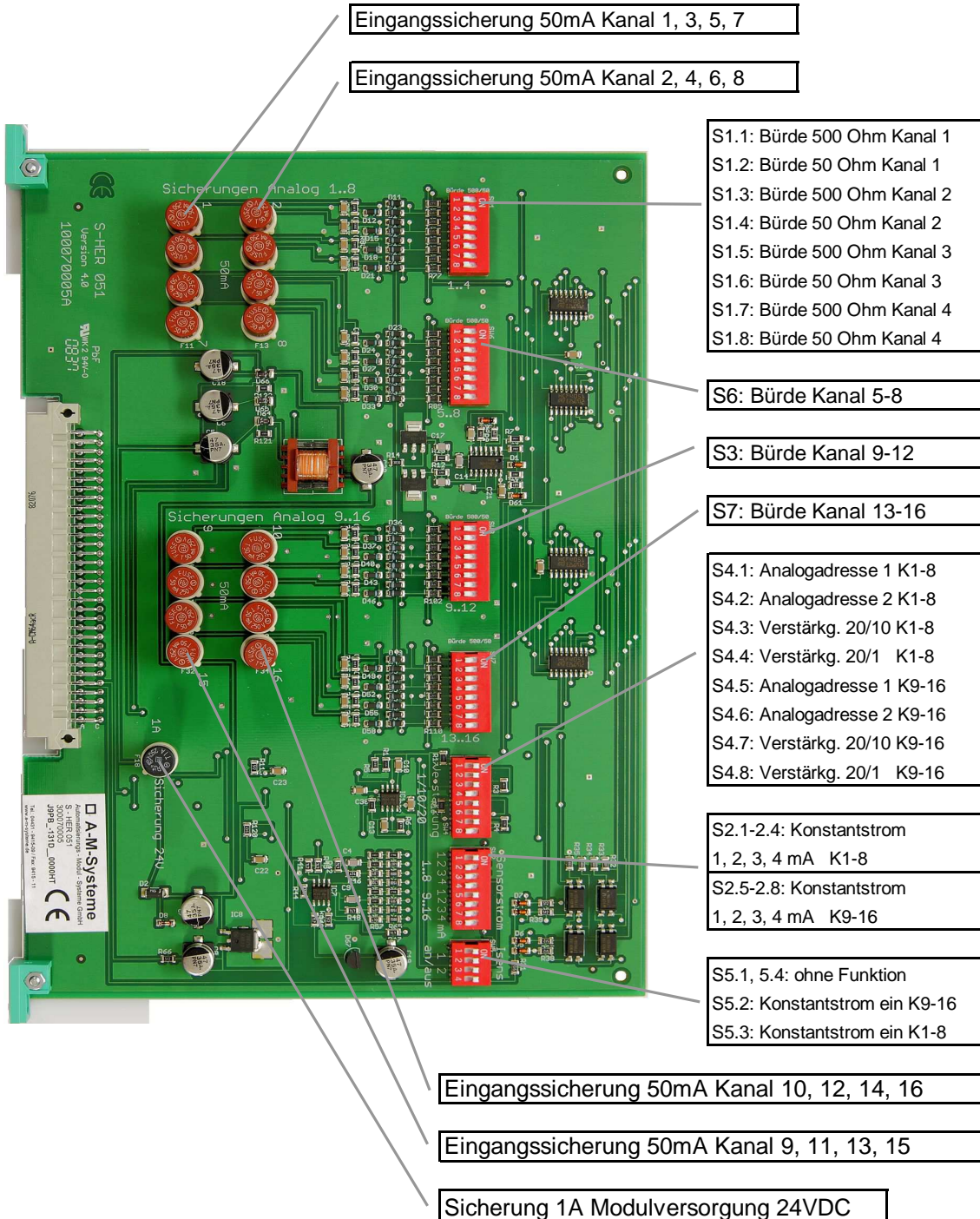
S-HER051 Leiterplatte, DIP-Schalter

2 DIP-Schalter pro Kanal:

Sx.1: "on" / Sx.2:"off" = Bürde 500 Ohm = Strommessung 0/4...20mA

Sx.1: "off" / Sx.2:"on" = Bürde 50 Ohm = Strommessung (max. 50mA)

Sx.1 und Sx.2: "off" = Spannungsmessung 0...10V oder Widerstandsmessung









Nur Analogmodule an einem gemeinsamen Datenbus betreiben ! (S-HER051, 052, 062)

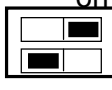

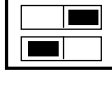
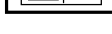
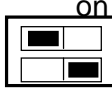

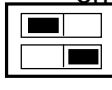

Aktive/passive Messungen möglichst nicht mischen, sondern mit separaten Modulen realisieren !

S-HER051 Konfiguration

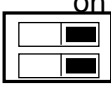
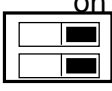


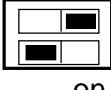
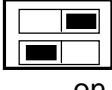


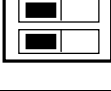
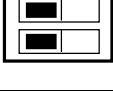


Anpassung Eingangssignal (z.B. Kanal 1):

S1.1		RE= 200 kOhm
S1.2		(passive Messungen, 0..10V)
S1.1		RE= 500 Ohm
S1.2		(0/4..20mA)
S1.1		RE= 50 Ohm
S1.2		(Strommessung max. 50mA)

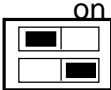
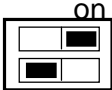



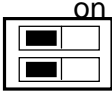


Einstellung Analogadresse:

S4.1		1. AE-Modul am Analogstrang
S4.2		
S4.5		
S4.6		
S4.1		2. AE-Modul am Analogstrang
S4.2		
S4.5		
S4.6		

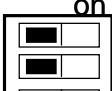
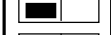
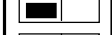



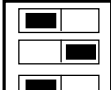
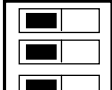


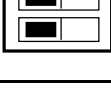
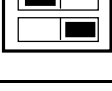
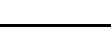
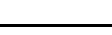
Einstellung Verstärkung:

Kanal 1..8		Kanal 9..16			
S4.3		V = 1	S4.7		V = 1
S4.4			S4.8		
S4.3		V = 10	S4.7		V = 10
S4.4			S4.8		
S4.3		V = 20	S4.7		V = 20
S4.4			S4.8		

Aktivierung Konstantstrom:

S5.2		Ik ein Kanal 1..8	S5.2		Ik ein Kanal 9..16
S5.3		(passive Messungen)	S5.3		(passive Messungen)
S5.2		Ik aus Kanal 1..8	S5.2		Ik aus Kanal 9..16
S5.3		(aktive Messungen)	S5.3		(aktive Messungen)

Einstellung Konstantstrom:

Kanal 1..8 (9..16)					
S2.1(5)		Ik = 1mA	S2.1(5)		Ik = 3mA
S2.2(6)			S2.2(6)		
S2.3(7)			S2.3(7)		
S2.4(8)			S2.4(8)		
S2.1(5)		Ik = 2mA	S2.1(5)		Ik = 4mA
S2.2(6)			S2.2(6)		
S2.3(7)			S2.3(7)		
S2.4(8)			S2.4(8)		

S-HER051 Technische Daten:

Bestellnummer	S-HER051
Funktion	Normierung von 2x8 Analogsignalen auf 2 AE der SPS
Eingangsspezifikation	0..10V (200kOhm) 0/4..20mA (500 Ohm) PT100, PT1000, ..10kOhm (RE>200kOhm) (PT100 nur eingeschränkt: ungünstige Auflösung, hoher Offset) integr. Konstantstromquelle, gruppenweise (2x8) aktivierbar
Reaktionszeit	ca. 250 ms, je nach CPU-Typ und Auslastung (typ. 5x Zykluszeit)
Versorgung	24VDC / ca. 100mA Analog-/Digitalmasse auftrennbar
SPS-Anbindung (E/A-Bedarf)	2 AE, Weiterschaltung an 2. Modul 51 + 4x62 möglich 1 DA-Byte Datenbus, separater Datenbus für Analogmodule !
Anschluss	Analogeingänge + SPS : 14-pol. Systemstecker (Flachbandleitung) zus. Eingangsabgriff: 8-pol. Schraubstecker (max. 2,5mm ²)
Umgebung	Betriebstemperatur: -10...+45 Grad C Lagertemperatur: -25...+70 Grad C rel. Luftfeuchte: 90% (nicht kondensierend) Schutzart: IP20
Maße	Abmessungen: 56x265x186(210)mm BxHxT(incl. Stecker) 2xTS35 Anreihmaß: 65mm Gewicht: ca. 780 g incl. Gehäuse u. Frontstecker

S-HER051 Einsatzbeispiel:

