

48290169

Strong points

- 3x quicker to install than standard solutions
- 2x quicker to configure than standard solutions
- Minimal footprint
- Maximum reliability
- Breaker status
- Unrivalled accuracy

General characteristics

- 21 integrated current sensors.
- Measures up to 120 A.
- 3/4-in and 1-in pitch versions.
- Configurable as 21 single-phase circuits, 7 three-phase circuits or a mix of single-phase, two-phase and three-phase circuits.

Compliance with standards

- IEC 61557-12
- UL 61010 Guide FTRZ/PICQ File E257746
- ANSI C12.20

Link to the reference

<https://www.socomec.us/en-us/reference/48290169>

The DIRIS Digiware BCM is a multi-circuit metering module with 21 integrated sensors and allows individual circuit monitoring within any electrical panelboard (Remote Power Panel, lighting panel, power panel etc.). The DIRIS Digiware BCM is also equipped with three RJ12 channels connected to TE/TR/ITR/TF current sensors and ?IC zero sequence CTs.

----- System -----	
Fill rate E-Order Selection	25
Certificates and Declaration	
Conformity to standard #1	UL 61010 Guide FTRZ/PICQ File E257746
Conformity to standard #2	ANSI C12.20
Conformity to standard #3	IEC 61557-12
Proposition 65 California	WARNING This product can expose you to chemicals including bisphenol A (BPA), which is known to the State of California to cause birth defects or reproductive harm. For more information go to : www.P65Warnings.ca.gov
Certificates and Declaration - Safety	
UL file number	E257746
Technical Characteristics	
Model	BCM-2125
Number of current inputs	21 + 3x RJ12
Type	Without Breaker Status
Technical Characteristics - Environmental	
Maximum operating altitude	6560 feet / 2000 m
Operating temperature	+14 ... +131°F / -10 ... +55°C
Relative humidity	40°C / 95% RH
Storage temperature	-40 ... +158°F / -40 ... +70°C
Technical Characteristics - Measurement	
Accuracy class	Class 0.5
Current measurement type	AC
Current rating range	40 ... 100 A
Current sensor type	Solid Core
General measurements	Metering: +/- kWh, +/- kvarh, kVAhMulti-measurement: I1, I2, I3, In, ?P, ?Q, ?S, ?PF, P,Q,S,pf PER PHASE, Predictive Power, Current Unbalance, Phi, cos Phi, tan Phi
Power Quality measurements	Power Quality: THDi1, THDi2, THDi3,THDin, THD Isys, Individual harmonics I (up to 63rd),Crest Factor I1, I2, I3, Overcurrent
Logistics	
GTIN/EAN	3596033199837
Customs number	9030337000
Product Details	
Effective date	2022-11-01
Country of origin	TN
Discount Policy	1EN20
Discount Policy Label	ELECTRONIC SENSORS