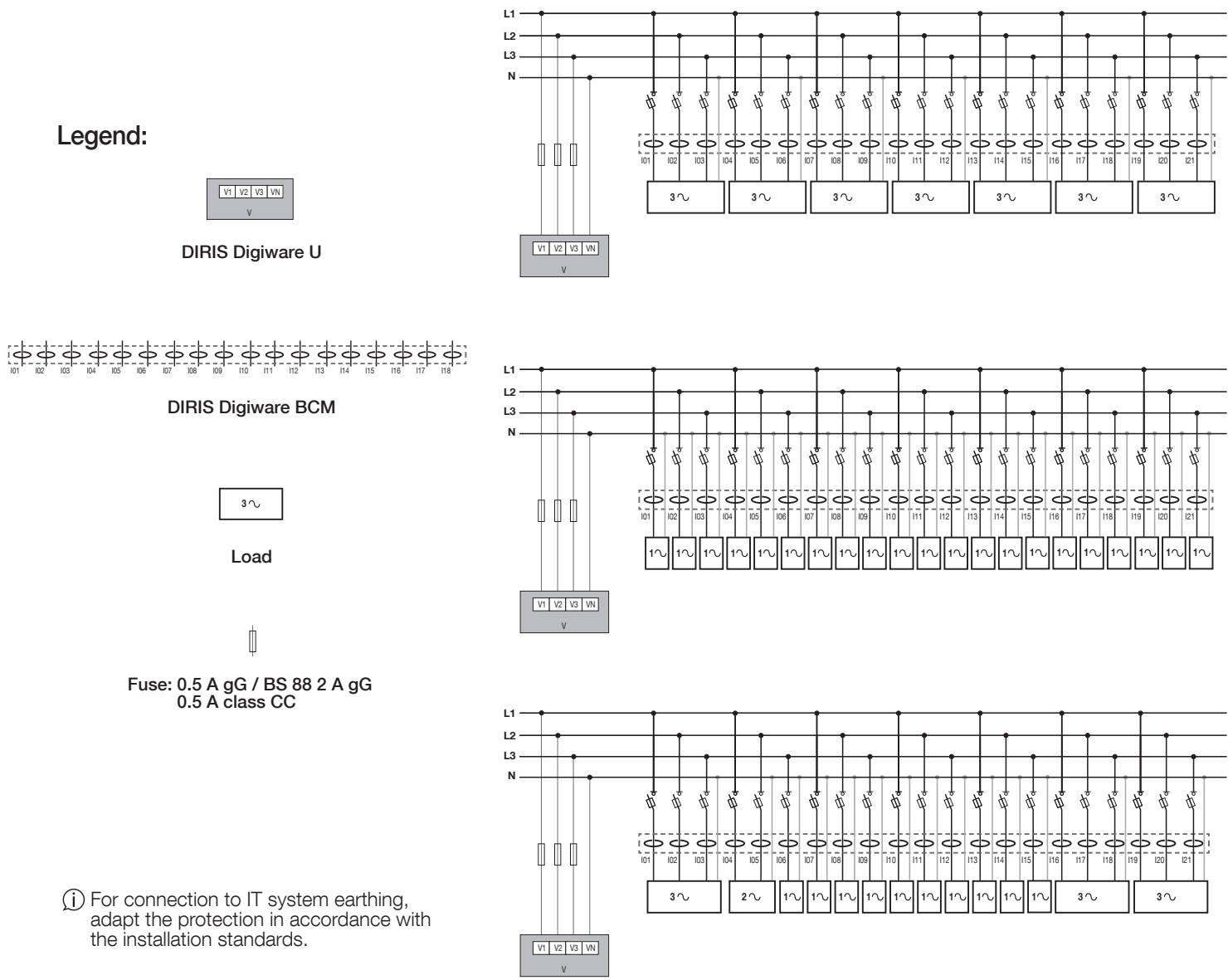
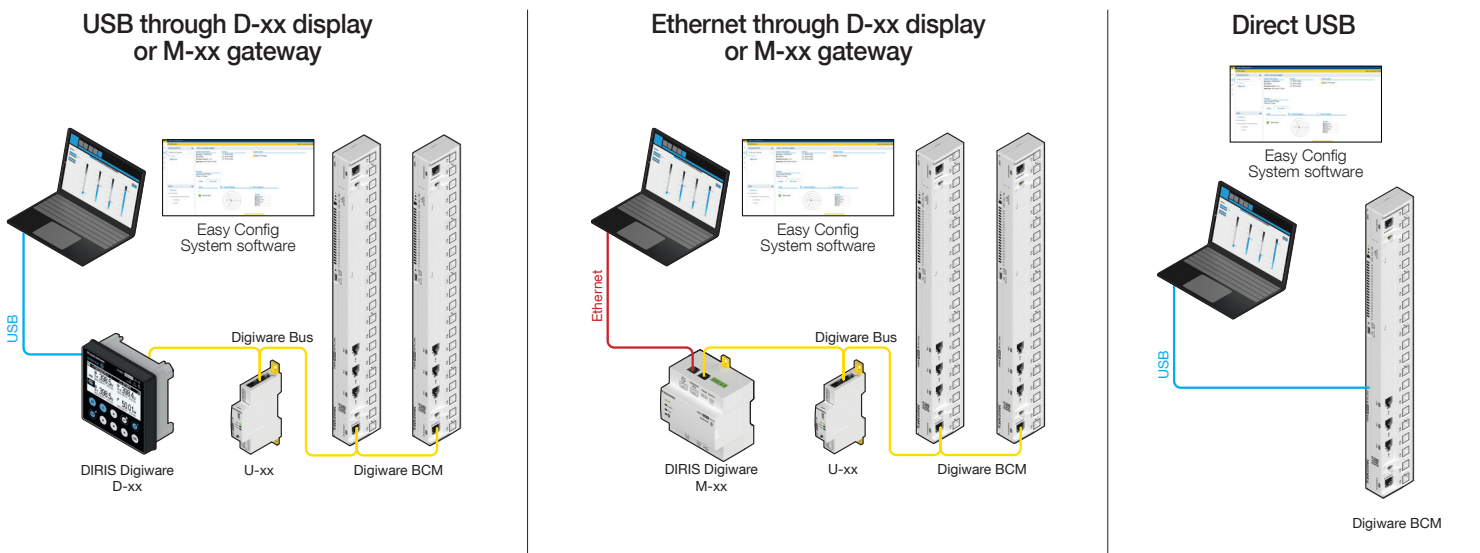




8 Configuration with Easy Config System



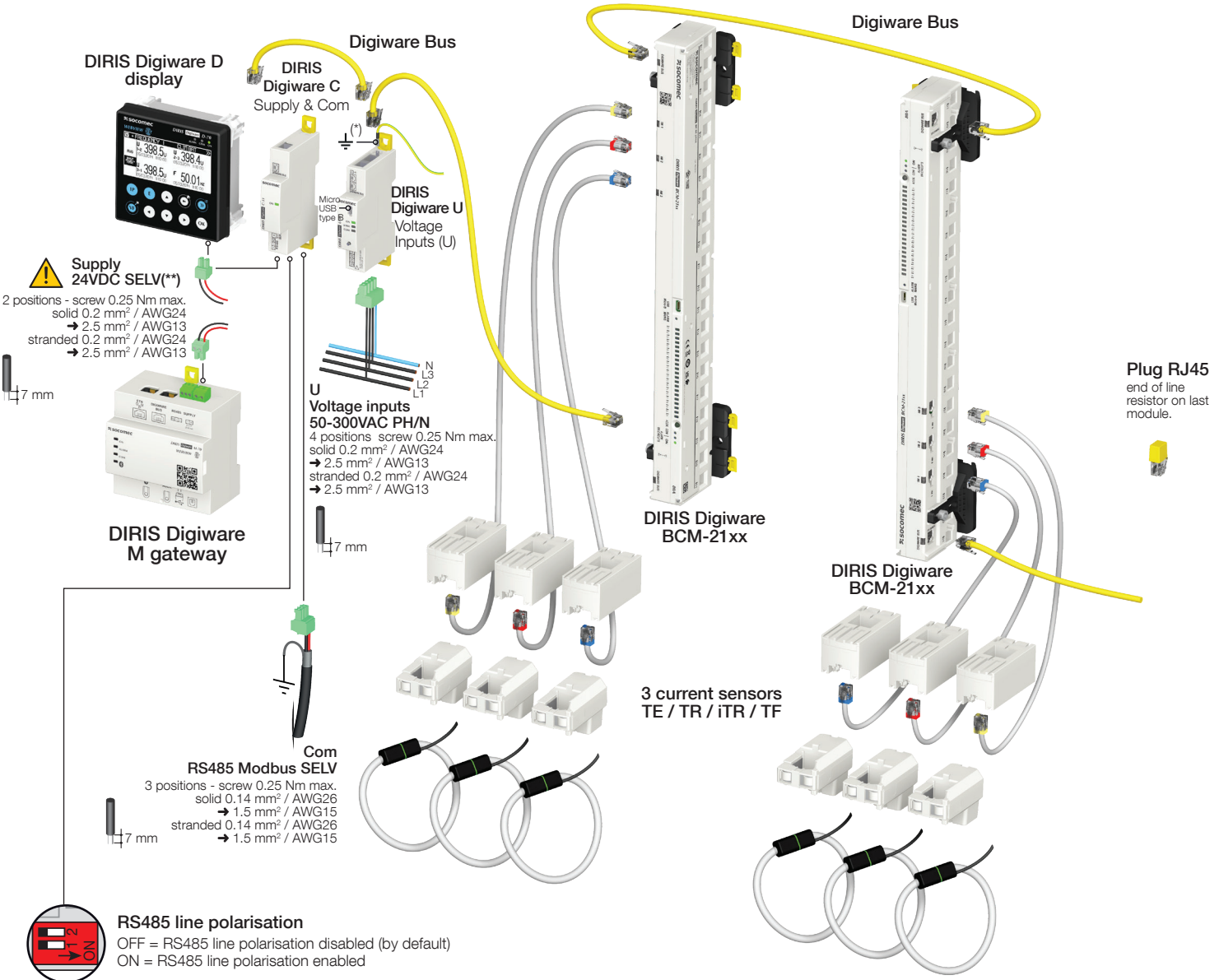
Branch-circuit Meter – 21 circuits
DIRIS Digiware BCM-21xx



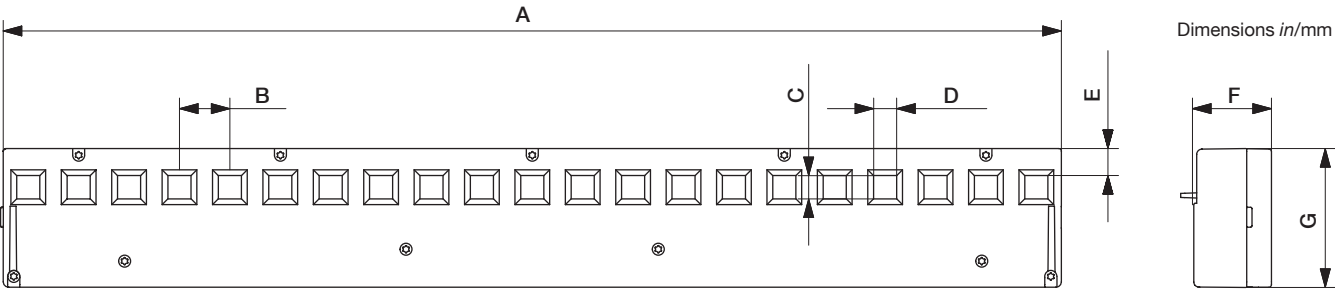
DIRIS Digiware BCM model	BCM-2119	BCM-2119VM	BCM-2125	BCM-2125VM
# of circuits	21	21	21	21
Pitch	¾-in (19mm)	¾-in (19mm)	1-in (25mm)	1-in (25mm)
I _{max}	80 A	80 A	120 A	120 A
Breaker Status		•		•
Part no.	4829 0167	4829 0168	4829 0169	4829 0170

1 System wiring – exploded view

- ⚠ Use **RJ45 Digiware Bus cables** (UTP RJ45 straight, twisted pairs, unshielded, AWG24, 300V, cat.III. rated, --20...+70°C / -4...+158°F) between all DIRIS Digiware modules.
- ⚠ Use **SOCOMECS RJ12 cables** (UTP unshielded, twisted pair, straight, AWG24, 600V, CATV, -10...+70°C / 14...+158°F).
- ⚠ Do not put USB or RJ45 connectors in contact with hazardous voltage.



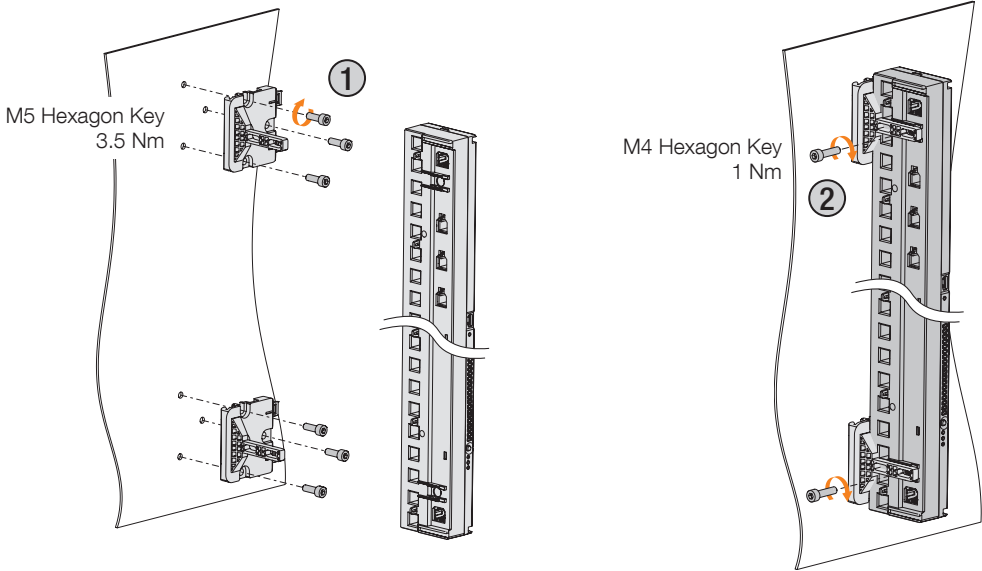
2 Dimensions (in/mm)



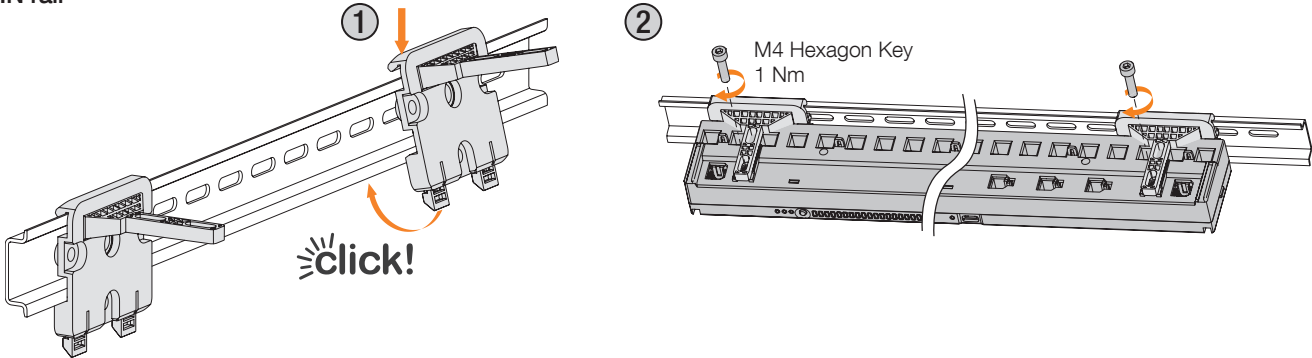
	A	B	C	D	E	F	G
DIRIS Digiware BCM-2119 / 2119VM	15.75 400	0.75 19	0.35 8,8	0.34 8,6	0.39 10	1.18 30	2.09 53
DIRIS Digiware BCM-2125 / 2125VM	20.98 533,5	0.98 25	0.55 14	0.54 13,6	0.75 19	1.26 32	2.68 68

3 Mounting

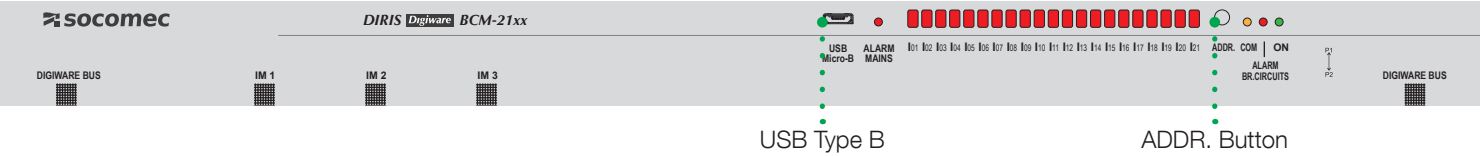
Back plate



DIN rail



4 HMI

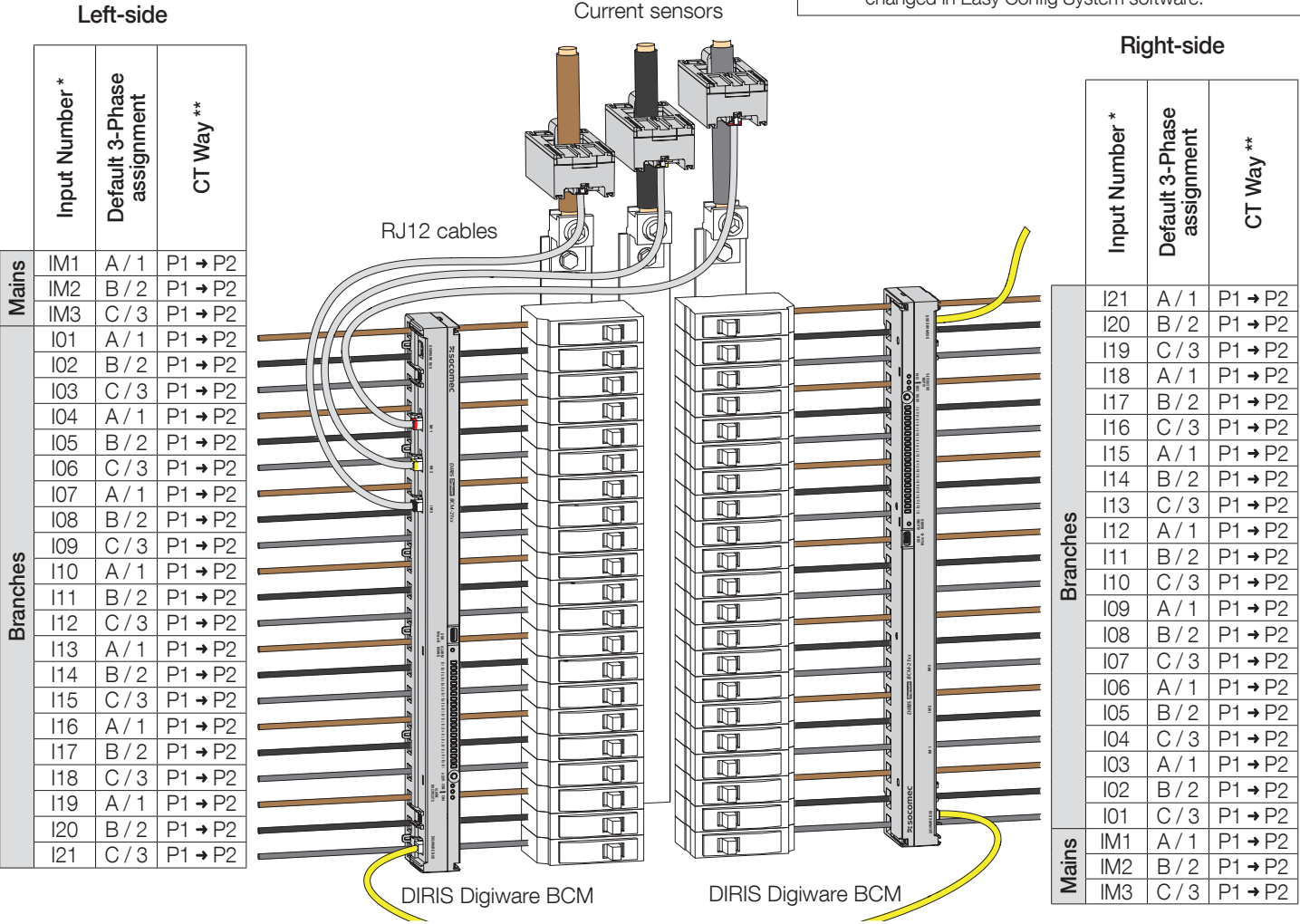


	FIXED	BLINKING
ALARM MAINS (Red)	Ongoing alarm (measurement, protection)	Ongoing system alarm (disconnected CT, V/I association, incorrect CT rating)
I01 - I21 (Red)	Indicates that no voltage is detected on a phase	-
COM (Orange)	Address conflict during Auto-Discovery process	Device is communicating
ALARM BR. CIRCUITS (Red)	Ongoing alarm (measurement, protection)	Ongoing system alarm (disconnected CT, V/I association, incorrect CT rating)
ON (Green)	Product powered and operating normally	When D-xx display is navigating on device and upon manual request (10 sec)

5 Technical characteristics

	DIRIS Digiware BCM-2119	DIRIS Digiware BCM-2125
Measurement characteristics		
Nominal current I _n	32 ... 63 A	40 ... 100 A
Maximum current I _{max}	80 A	120 A
Communication characteristics		
RJ45 Digiware bus	1 x Input / 1 x Output	
Micro USB Type B	Configuration via Easy Config System software and firmware upgrade via Product Upgrade Tool software	
Environmental characteristics		
Use	Indoor	
Storage temperature	-20 ... +70°C / -4 ... +158°F (ANSI C12.1)	
Operating temperature	-10 ... +55°C / 14 ... +131°F (ANSI C12.1)	
Humidity	+25°C / 97% RH & +55°C / 93 % RH (ANSI C12.1)	
Operating altitude	≤ 2000 m / 6500 ft	
Pollution degree	2	
Protection class	IP20	
Measurement category	III	
Mechanical characteristics		
Vibration	10 ... 150 Hz, 1 g	
Shock	Half-sine pulse, 15g, 11ms (ANSI C12.1)	
Standards		
Measurement	IEC 61557-12 - Class 0.5 for active energy IEC 62053-21 - Class 0.5 for active energy ANSI C12.20 - Class 0.5 for active energy	
Safety	UL/CSA 61010-1 & 61010-2-030 Guide FTRZ/PICQ File E257746	

6 Panelboard view



⚠ For direct current inputs, install on 300 V insulated cable only.
(*) Refer to product marking for input number.
(**) CT Way can be changed in Easy Config System software if necessary.