6

Navigation principle D-55 / D-55h / D-75 / D-75t

QUICK-ACCESS

INSULATION
(+T°C > & I > FOR D-55h)

TRENDS

LOCATION
F-60 DEVICE MENU

CIRCUIT INSULATIONS

ISOM IMD
EVENTS
PARAMETERS OK
...

LANGUAGE
ISOM IMD OK
COMMUNICATION
...

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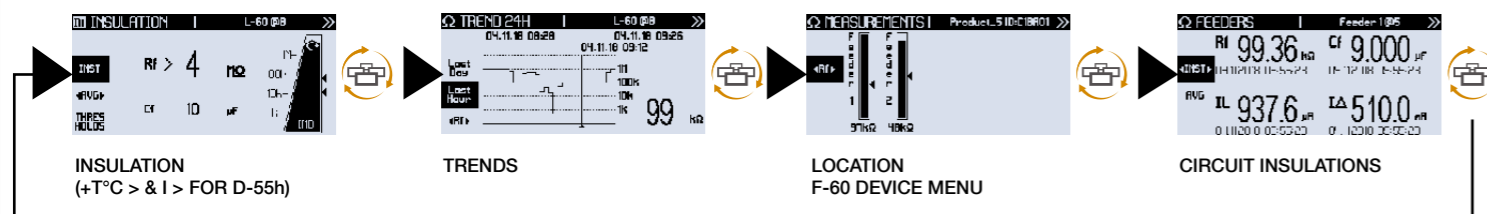
7 Menu Structure (HOME)

			D-55h	D-55 / D-75 / D-75t
LOADS	LIST OF DEVICES		X	X
MEASURES	ISOM		X	X
ISOM	INSULATION		X	X
	TREND 24H		X	X
	TREND Rf		X	X
	TREND Cf			X
	INJECTION CONTROL		X	X
	MEASUREMENTS		X	X
	FEEDERS		X	X
INPUTS / OUTPUTS	DIGITAL INPUTS		X	X
	DIGITAL OUTPUTS		X	X
	ANALOG INPUTS		X	X
EVENTS	IN PROGRESS		X	X
	HISTORY		X	X
PARAMETERS	DISPLAY	LANGUAGE	X	X
		DATE FORMAT	X	X
		RS485 COM	X	X
		ETHERNET COM	X	X
		SET REMOTE DEVICE DATE / TIME	X	X
		CHANGE PASSWORD	X	X
	CONFIGURE A DEVICE		X	X
	AUTODETECT SERIAL DEVICES		X	X
	LIST PRODUCTS		X	X
	ADD NEW DEVICE		X	X
	REMOVE DEVICE		X	X
	RESTORE A PRODUCT FACTORY SETTINGS		X	X
	PRODUCT SOFT VERSION		X	X
ABOUT	IP & MAC adresses, SN, Soft version		X	X

![socomec] **socomec**
Innovative Power Solutions

ISOM D
Display & Remote Alarm

546782B

Single point remote alarm
ISOM D-15 h
4729 0200 (*)

Multi point display
ISOM Digiware D-55
4729 0203

Multi point display
& embedded webserver
ISOM Digiware D-75
4729 0205

ISOM Digiware D-75t
4729 0206 (**)

Multi point display
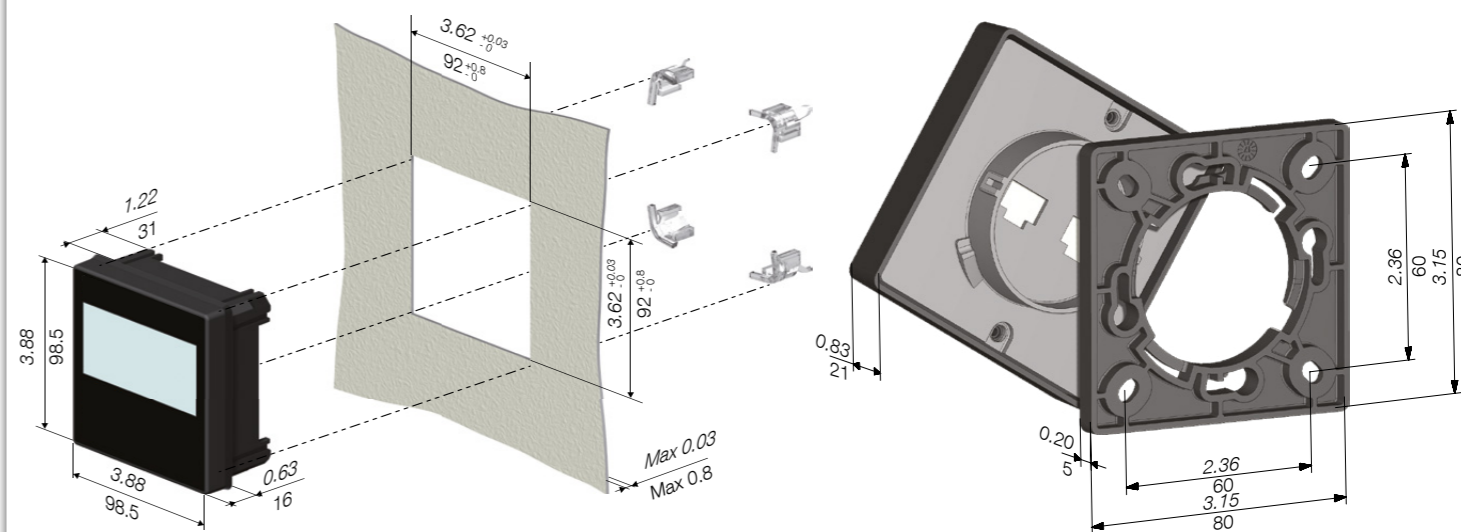ISOM Digiware D-55h
4729 0204 (*)

Full user manual:
www.socomec.com/operating-instructions
www.socomec.com

(*) h -> for medical locations
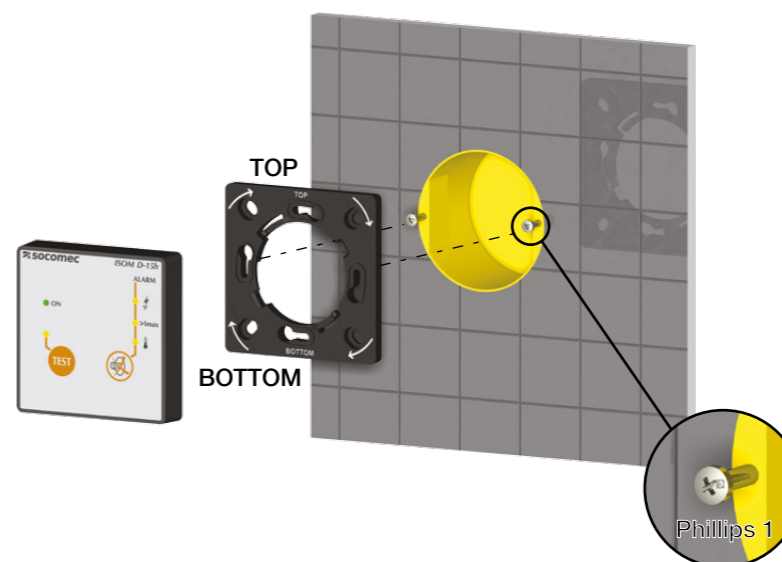(**) t -> tropicalized & reinforced
against vibrations and shocks

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1 Dimensions (mm)

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2 Mounting

STEP 1

TOP

BOTTOM

Phillips 1

STEP 2

Click!
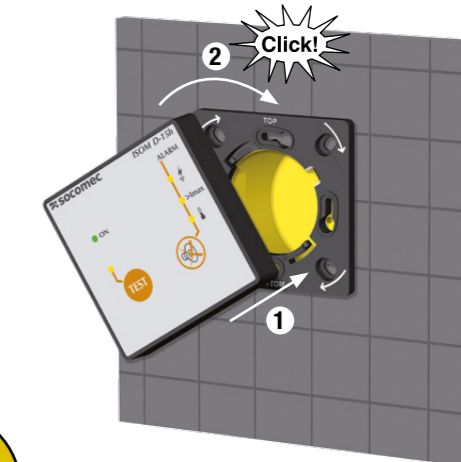
3 — D-55 / D-55h / D-75 / D-75t
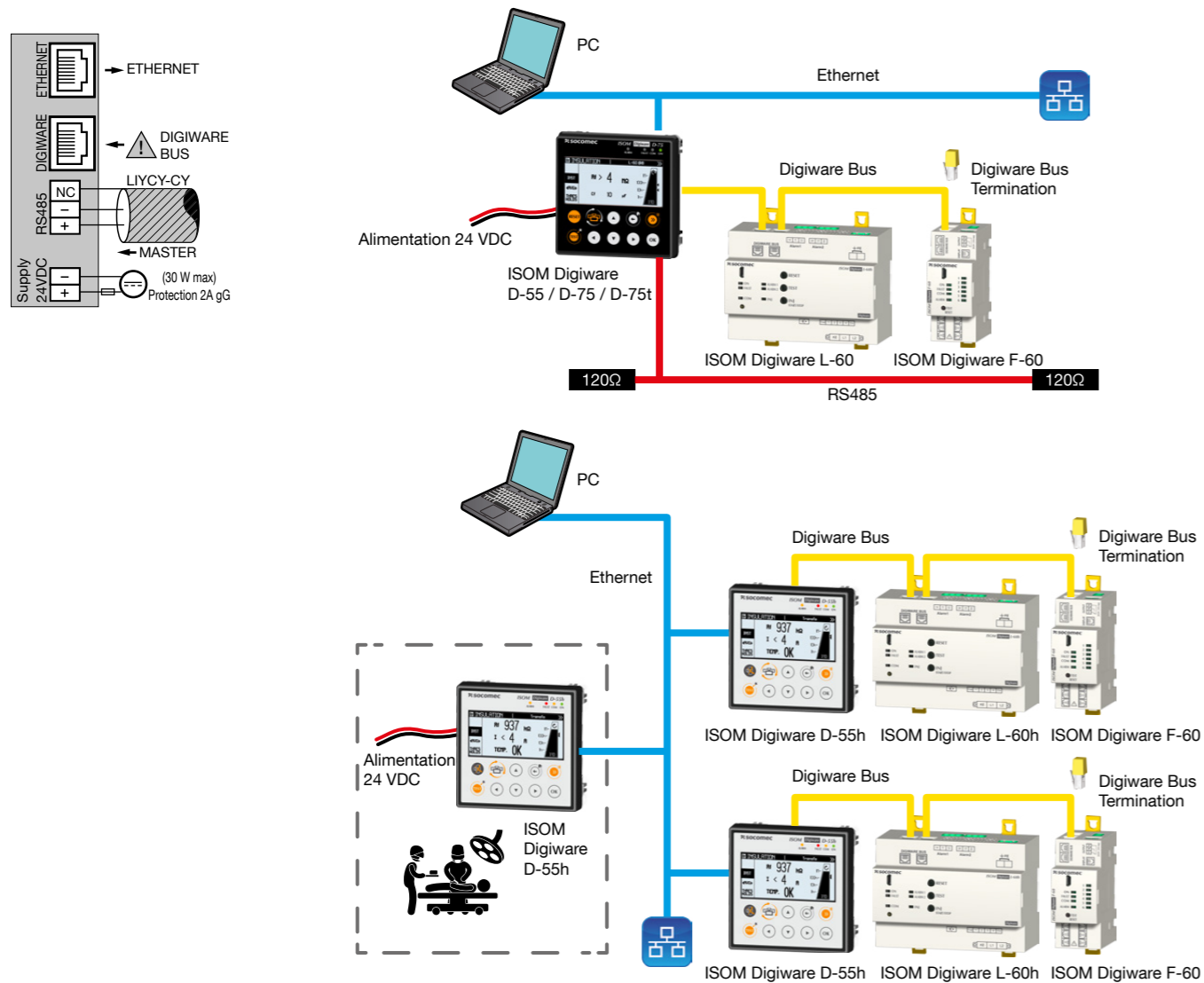
4 — D-15h
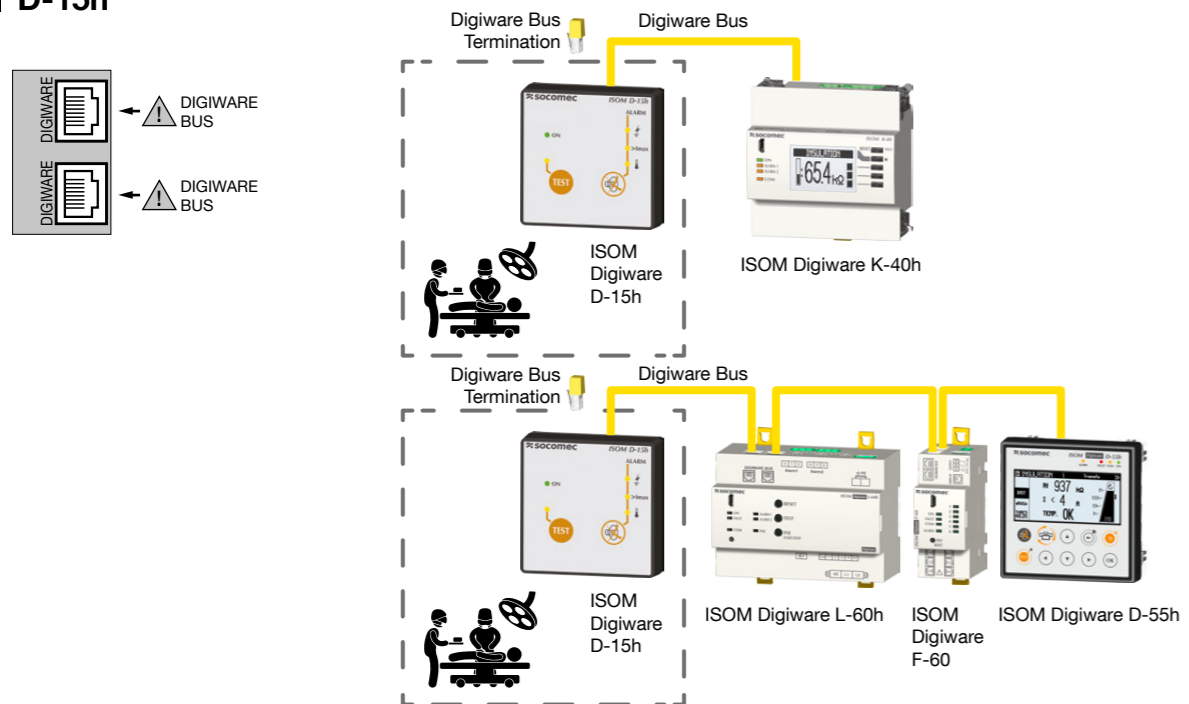
5 — Technical Characteristics

	ISOM D-15h	ISOM D-55h	ISOM D-55	ISOM D-75 / D-75t
Mechanical characteristics				
Buttons	Capacity touch technology			
Screen resolution	350 x 160 pixels			
Type	Single device connection	Multi device connection		
Ethernet RJ45 10/100 Mbs (use a shielded Ethernet cable)	-	Gateway Modbus TCP Bacnet IP SNMP	Gateway Modbus TCP Bacnet IP SNMP	Gatewat Modbus TCP BACnet IP SNMP Embedded Webserver Webview M
Connectable devices number	Max 3	Max 32		
RJ45 Digiware	input (2x)	input (1x)		
RS485 2-3 wires	-	Master		
Speed	115200 bds			
Micro-USB	-	Diagnostic		
Dimensions				
External dimensions	3.15 x 3.15 in 80 x 80 mm	3.88 x 3.88 in 98.5 x 98.5 mm		
Door cut	-	$3.62^{+0.03}_{-0}$ x $3.62^{+0.03}_{-0}$ in $92^{+0.8}_{-0}$ x $92^{+0.8}_{-0}$ mm		
Depth	1.02 in 26 mm	1.85 in 47 mm		
Electronical characteristics				
Supply	Via Digiware	20.4 ... 27.6 VDC, Class 2 - 20 W max		
Supply protection	Via Digiware	integrated into SOCOMEC supply		
Environnemental conditions				
Storage temperature	- 40 ... + 70 °C			
Operating temperature	- 10 ... + 55 °C			
Humidity	90%HR at +55 °C / 97% at +55 °C (D-75t)			
Installation category	Powered by SELV (safety extra low voltage)			
Pollution degree	2			
IP protection	IP54 (front face)	IP65 (front face)		

6 — Operating

D-15h

① **ON** (green)
Lights if device powered

② **TEST**
Test of all ISOM devices blinks during test

③ **INSULATION FAULT**
Lights if alarm on IMD

④ **OVERLOAD**
Lights if transformer overloaded

⑤ **OVERTEMPERATURE**
Lights if transformer overtemperature

D-55 / D-55h / D-75 / D-75t

① **ALARM** (amber)
Lights if alarm on IMD/IFL

② **FAULT** (red)
Lights if system error

③ **COM** (amber)
Blinks if communication activity

④ **ON** (green)
Lights if device powered

⑤ **QUICK ACCESS**
Insulation -> Trends -> Location -> PMD (if available)

⑥ **Home** (long press)
Previous menu (short press)

⑦ **Load selection** (long press)
Scroll feeders (short press)

⑧ **CHOICE VALIDATION**

⑨ **NAVIGATION**

⑩ **TEST**
Start of test sequence on L-60 & F-60

⑪ **RESET** (D-x5)
or
STOP BUZZER (D-55h)