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*Bi-directional
electricity consumption
and production meter*

*Connection
busbars*

*Boxes
Air-tight housing
Mounting Ring*

*Wire connectors
series Mini*

*Gel
joints*

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LS-3FB

Bi-directional electricity consumption and production meter **LS-3FB**



LS-3FB
Cat. no.: 85403010



This bi-directional, single-zone electricity meter SIMLIC LS-3FB is designed for direct measurement of active electricity, which is collected and produced in the 3-phase installations. Furthermore, it can be used to carry out measurements in industrial and non-commercial applications. Also, it's perfectly suitable for photovoltaic installations – metering of the generated renewable energy. The LS-3FB meter indicates active power in [W] and active electricity in [kWh] – both consumed and produced (import / export).

- ✓ bi-directional
- ✓ 3-phase
- ✓ digital
- ✓ LCD display backlight
- ✓ reset function
- ✓ MID
- ✓ 100 A

NEW *Design* SIMLIC

Digital electricity meters LS-3F and LS-1F



LS-3F



LS-3F
Cat. no.: 85402010



LS-1F



LS-1F
Cat. no.: 85401010



Wire connectors MINI series

self-clamping, threadless for wires 0,2 ... 2,5 mm²

PC212S



PC212S
Cat. no.: 89240000



PC213S



PC213S
Cat. no.: 89241000



PC214S



PC214S
Cat. no.: 89242000



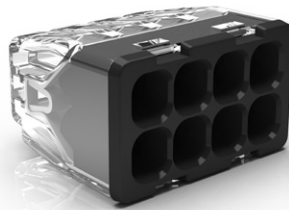
PC215S



PC215S
Cat. no.: 89243000



PC218S



PC218S
Cat. no.: 89244000



MiniGelBox Gel cable joints

MGB2

(2 x 2,5mm²)



MGB2
Cat. no.: 89000002



MGB3

(3 x 2,5mm²)



MGB3
Cat. no.: 89001002



MGB5





(5 x 2,5mm²)







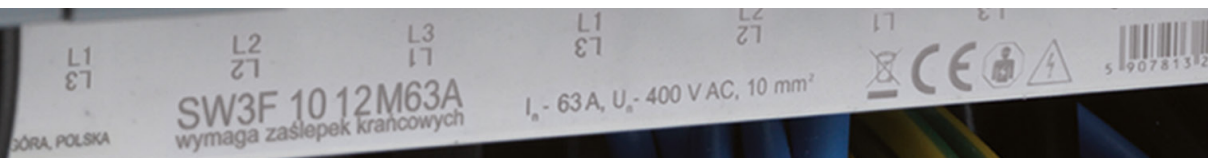
MGB5
Cat. no.: 89002002



Connection busbars - fork type

SW1F 10 12M63A	SW1F 10 57M63A	SW3F 10 12M63A	SW3F 10 57M63A
			
SW1F 10 12M63A Cat. no.: 81 991 006	SW1F 10 57M63A Cat. no.: 81 991 106	SW3F 10 12M63A Cat. no.: 81 992 006	SW3F 10 57M63A Cat. no.: 81 992 106









SW1F 16 12M80A	SW1F 16 57M80A	SW3F 16 12M80A	SW3F 16 57M80A
			
SW1F 16 12M80A Cat. no.: 81 993 006	SW1F 16 57M80A Cat. no.: 81 993 106	SW3F 16 12M80A Cat. no.: 81 994 006	SW3F 16 57M80A Cat. no.: 81 994 106











CONNECTION BUSBARS FORK AND PIN TYPE











Connection busbars - pin type









SS1F 10 12M63A	SS1F 10 57M63A	SS3F 10 12M63A	SS3F 10 57M63A
			
SS1F 10 12M63A Cat. no.: 81 995 006	SS1F 10 57M63A Cat. no.: 81 995 106	SS3F 10 12M63A Cat. no.: 81 996 006	SS3F 10 57M63A Cat. no.: 81 996 106
			

SS3F 16 12M80A	SS3F 16 57M80A	SS3F 16 12M80A	SW3F 16 57M80A
			
SS3F 16 12M80A Cat. no.: 81 997 006	SS3F 16 57M80A Cat. no.: 81 997 106	SS3F 16 12M80A Cat. no.: 81 998 006	SW3F 16 57M80A Cat. no.: 81 998 106
			









Accessories for connection busbars

OSP-5M	ZSP1F	ZSP3F-10	ZSP3F-16
10 pcs. 5 modules 			
OSP-5M protection cover for busbars Cat. no.: 81999004	ZSP1F suitable end cap 1-phase 10/16 mm² Cat. no.: 81999006	ZSP3F-10 suitable end cap 3-phase Cat. no.: 81999106	ZSP3F-16 suitable end cap 3-phase 16 mm² Cat. no.: 81999206
			









Surface junction boxes, halogen free, self-extinguishing, UV, IP67

N110x180S	N110x180S	N180x180S	N180x180S
			
N110x180S white Cat. no.: 35270206	N110x180S grey Cat. no.: 35270202	N180x180S white Cat. no.: 35300206	N180x180S grey Cat. no.: 35300202
			

Surface junction boxes with 4 grommets halogen free, self-extinguishing, UV, IP54

NPP100	NPP100	NPP130	NPP130
			
NPP100 white Cat. no.: 35380006	NPP100 grey Cat. no.: 35380002	NPP130 white Cat. no.: 35390006	NPP130 grey Cat. no.: 35390002
			

Air-tight housing, halogen free, self-extinguishing, UV, UL94V2, IP67



SOH 110x180	SOH 110x180	SOH 180x180	SOH 180x180
			
SOH 110x180 white Cat. no.: 36432206	SOH 110x180 grey Cat. no.: 36432202	SOH 180x180 white Cat. no.: 36434206	SOH 180x180 grey Cat. no.: 36434202
			

NS5	NS6	NS7
 <p>NS5 Cat. no.: 35360115</p> <p>40</p>	 <p>NS6 Cat. no.: 35346115</p> <p>30</p>	 <p>NS7 Cat. no.: 35349115</p> <p>20</p>



NS8	NS9
 <p>NS8 Cat. no.: 35357115</p> <p>60</p>	 <p>NS9 Cat. no.: 35404115</p> <p>20</p>



Extra-deep junction boxes 80 mm

PV60G for cavity walls	Connector KG71 for boxes
 <p>80mm</p> <p>PV60G Cat. no.: 32334203</p> <p>60</p>	 <p>KG71 Blue Cat. no.: 37341203</p> <p>10</p>



ZV60GFw flush-mounted	Connector KG71 for boxes
 <p>80mm</p> <p>ZV60GFw Cat. no.: 33335008</p> <p>60</p>	 <p>KG71 orange Cat. no.: 37341008</p> <p>10</p>

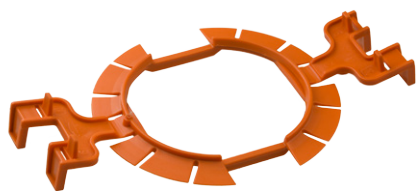


FASTRING Mounting ring PM-85

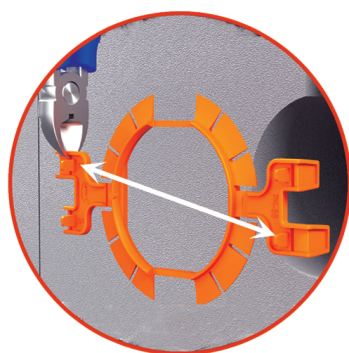
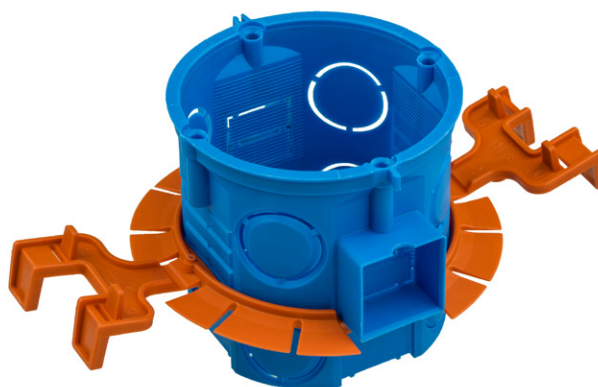


Product video

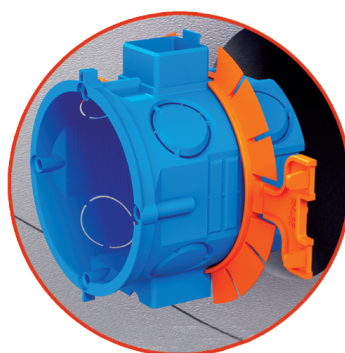
PM-85



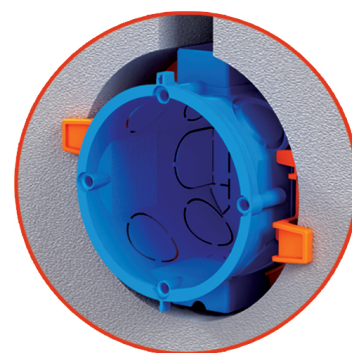
PM-85
Cat. no.: 37422008



Select the embedding depth of the junction box by cutting the holders diagonally.



Mounting ring installation on „click”.



Stable support of the junction box in the mounting hole

Compatible with the following junction boxes:

S60KF



S60KF
Cat. no.: 33054008



S60DF



S60DF
Cat. no.: 33057008



S60GF



S60GF
Cat. no.: 33008008



Z60DF



Z60DF
Cat. no.: 33033008



S60K



S60K
Cat. no.: 34054203



S60D



S60D
Cat. no.: 34057203



S60G



S60G
Cat. no.: 34008203



Z60D



Z60D
Cat. no.: 34033203

