

DESIGNED AND BUILT TO SATISFY THE CUSTOMERS' SPECIFIC NEEDS IN ACCORDANCE WITH THE I.E.C. REGULATIONS



FRONT (protection devices & instrumentation)

- 1 analogic voltmeter + 1 voltmeter selector switch (control IN voltage).
- 1 MCB 63amp 4p-C 6.000A (MAIN) + 1 shunt release + 1 panic button.
- 1 digital multimeter 96x96mm. with LCD graphic display.
- 2 x RCCB 40amp 4p IΔn 0,03A AC type + 12 x MCB 16amp 1pN-C (12 x C-FORM 16amp single-phase / 2 x SYNTAX® SSX 19p).
- 4 x RCCB 40amp 4p IΔn 0,03A AC type + 24 x MCB 16amp 1pN-C 4.500A (4 x SYNTAX® SSX 19p).
- 1 RCBO 32amp 4p-C IΔn 0,03A AC type (C-FORM 32amp three-phase).

Nominal data: IEC 61439-1 & 2, Ue=400V 3pH+N+E, fn=50Hz, InA=63amp, Icc=6.000A, IP=44, RDF=50%.



REAR (incoming & outgoing)

- 1 C-FORM 63amp 5p 6h 400V IP67 (IN).
- 1 C-FORM 63amp 5p 6h 400V IP67 (LOOP).
- 12 x C-FORM 16amp 3p 6h 230V IP44 linked 2 x SYNTAX® SSX 19p IP67 (OUT; Socapex 419 compatible)
- 4 x SYNTAX® SSX 19p IP67 (OUT; Socapex 419 compatible)
- 1 C-FORM 17 32amp 5p 6h 400V IP44 (OUT)

NOTES

RCCB	Residual Current Circuit Breaker
MCB	Miniature Circuit Breaker
MCCB	Molded Case Circuit Breaker
RCBO	Residual Current Circuit Breaker with overcurrent protection

19" RACK-CASE LINE

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FRONT (protection devices & instrumentation)

- 1 analog voltmeter + 1 voltmeter selector switch (control IN voltage)
- 1 MCB 125amp 4p-C 10.000A (MAIN) + 1 shunt release + 1 panic button
- 1 digital multimeter 96x96mm. with LCD graphic display.
- 1 RCCB 40amp 4p IΔn 0,03A AC type + 6 x MCB 16amp 1pN-C (6 x C-FORM 16amp single-phase).
- 4 x RCCB 40amp 4p IΔn 0,03A AC type + 24 x MCB 16amp 1pN-C 4.500A (4 x SYNTAX® SSX 19p).
- 4 x RCBO 32amp 4p-C IΔn 0,03A AC type (4 x C-FORM 32amp three-phase).
- 2 x RCBO 63amp 4p-C IΔn 0,3A AC type (2 x C-FORM 63amp three-phase).

Nominal data: IEC 61439-1 & 2, Ue=400V 3pH+N+E, fn=50Hz, InA=125amp, Icc=6.000A, IP=44, RDF=50%



REAR (incoming & outgoing)

- 1 C-FORM 125amp 5p 6h 400V IP67 (IN).
- 1 C-FORM 125amp 5p 6h 400V IP67 (LOOP).
- 6 x C-FORM 16amp 3p 6h 230V IP44 (OUT).
- 4 x SYNTAX® SSX 19p IP67 (OUT; Socapex 419 compatible)
- 4 x C-FORM 32amp 5p 6h 400V IP44 (OUT).
- 2 x C-FORM 63amp 5p 6h 400V IP67 (OUT).



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RCBO	Residual Current Circuit Breaker with overcurrent protection

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FRONT (protection devices & instrumentation)

- 1 analogic voltmeter + 1 voltmeter selector switch (control IN voltage)
- 1 MCCB 250amp 4p (MAIN) + 1 shunt release + 1 panic button
- 1 digital multimeter 96x96mm. with LCD graphic display.
- 6 x RCBO 16amp 1pN-C IΔn 0,03A AC type (6 x C-FORM 16amp single-phase)
- 3 x RCBO 32amp 4p-C IΔn 0,03A AC type (3 x C-FORM 32amp three-phase)
- 3 x RCBO 63amp 4p-C IΔn 0,3A AC type (3 x C-FORM 63amp three-phase)

Nominal data: IEC 61439-1 & 2, Ue=400V 3pH+N+E, fn=50Hz, InA=400amp, In MAIN=250amp, Icc=6.000A, IP=44, RDF=60%

250Amp

PBF400P15U-250633L
 3pH+N+E 400V "CASE RACK 19" 15U" series

REAR (incoming & outgoing)

- 5 x powerSYNTAX® 400amp L1-L2-L3-N-E 400V IP67 (IN)
- 5 x powerSYNTAX® 400amp L1-L2-L3-N-E 400V IP67 (LOOP)
- 6 x C-FORM 16amp 3p 6h 230V IP44 (OUT)
- 3 x C-FORM 32amp 5p 6h 400V IP44 (OUT)
- 3 x C-FORM 63amp 5p 6h 400V IP67 (OUT)



NOTES

RCCB	Residual Current Circuit Breaker
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19" RACK-CASE LINE

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FRONT (protection devices & instrumentation)

- 1 analogic voltmeter + 1 voltmeter selector switch (control IN voltage)
- 1 MCCB 400amp 4p (MAIN) + 1 shunt release + 1 panic button
- 1 digital multimeter 96x96mm. with LCD graphic display
- 3 x RCBO 16amp 1pN-C IΔn 0,03A AC type (3 x C-FORM 16amp single-phase)
- 1 RCBO 32amp 4p-C IΔn 0,03A AC type (1 C-FORM 32amp three-phase)
- 9 x RCBO 63amp 4p-C IΔn 0,3A AC type (9 x C-FORM 63amp three-phase)

Nominal data: IEC 61439-1 & 2, Ue=400V 3pH+N+E, fn=50Hz, InA=400amp, In MAIN=400amp, Icc=6.000A, IP=44, RDF=50%

400Amp

PBF400P20U-400319L

3pH+N+E 400V "CASE RACK 19" 20U" series

REAR (incoming & outgoing)

- 5 x powerSYNTAX® 400amp L1-L2-L3-N-E 400V IP67 (IN)
- 5 x powerSYNTAX® 400amp L1-L2-L3-N-E 400V IP67 (LOOP)
- 3 x C-FORM 16amp 3p 6h 230V IP44 (OUT)
- 1 C-FORM 32amp 5p 6h 400V IP44 (OUT)
- 9 x C-FORM 63amp 5p 6h 400V IP67 (OUT)



NOTES

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RCBO	Residual Current Circuit Breaker with overcurrent protection

DESIGNED AND BUILT TO SATISFY THE CUSTOMERS' SPECIFIC NEEDS IN ACCORDANCE WITH THE I.E.C. REGULATIONS



FRONT (protection devices & instrumentation)

- 1 analogic voltmeter + 1 voltmeter selector switch (control IN voltage)
- 1 MCCB 400amp 4p (MAIN) + 1 shunt release + 1 panic button
- 1 digital multimeter 96x96mm. with LCD graphic display and remote LAN
- 1 RCCB 40amp 4p IΔn 0,03A AC type + 6 x MCB 16amp 1pN-C (6 x powerCON 20amp & 6 x C-FORM 16amp single-phase)
- 1 RCBO 32amp 1pN-C IΔn 0,03A AC type (1 C-FORM 32amp single-phase)
- 2 x RCBO 32amp 4p-C IΔn 0,03A AC type (2 x C-FORM 32amp three-phase)
- 8 x RCCB 40amp 4p IΔn 0,03A AC type + 48 x MCB 16amp 1pN-C 4.500A (8 x SYNTAX® SSX 19p)

Nominal data: IEC 61439-1 & 2, Ue=400V 3pH+N+E, fn=50Hz, InA=400amp, In MAIN=400amp, Icc=6.000A, IP=2x, RDF=50%



REAR (incoming & outgoing)

- 5 x powerSYNTAX® 400amp L1-L2-L3-N-E 400V IP67 (IN)
- 5 x powerSYNTAX® 400amp L1-L2-L3-N-E 400V IP67 (LOOP)
- 6 x powerCON 20amp 3p 230V IP2x linked 6 x C-FORM 16amp 3p 6h 230V IP44 (OUT)
- 1 C-FORM 32amp 3p 6h 230V IP44 (OUT)
- 2 x C-FORM 32amp 5p 6h 400V IP44 (OUT)
- 8 x SYNTAX® SSX 19p IP67 (OUT; Socapex 419 compatible)

NOTES

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19" RACK-CASE LINE

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400Amp



PBF400P24U-40064S11L

3pH+N+E 400V "CASE RACK 19" 24U" series

FRONT (protection devices & instrumentation)

- 1 analogic voltmeter + 1 voltmeter selector switch (control IN voltage)
- 1 MCCB 400amp 4p (MAIN) + 1 shunt release + 1 panic button
- 1 digital multimeter 96x96mm. with LCD graphic display
- 6 x RCBO 16amp 1pN-C IΔn 0,03A AC type (6 x C-FORM 16amp single-phase)
- 4 x RCBO 32amp 4p-C IΔn 0,03A AC type (4 x C-FORM 32amp three-phase)
- 72 x RCBO 16amp 1pN-C IΔn 0,03A AC type (12 x SYNTAX® SSX 19p)
- 1 RCBO 63amp 4p-C IΔn 0,3A AC type (1 C-FORM 63amp three-phase)
- 1 RCBO 125amp 4p-C IΔn 0,3A AC type (1 C-FORM 125amp three-phase)

Nominal data: IEC 61439-1 & 2, Ue=400V 3pH+N+E, fn=50Hz, InA=400amp, In MAIN=400amp, Icc=6.000A, IP=44, RDF=50%.

NOTES

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MCB	Miniature Circuit Breaker
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400Amp

POWER
BOX

PBF400P24U-40064S11L

3pH+N+E 400V "CASE RACK 19" 24U" series

- REAR (incoming & outgoing)**
- 5 x powerSYNTAX® 400amp L1-L2-L3-N-E 400V IP67 (IN)
 - 5 x powerSYNTAX® 400amp L1-L2-L3-N-E 400V IP67 (LOOP)
 - 6 x C-FORM 16amp 3p 6h 230V IP44 (OUT)
 - 4 x C-FORM 32amp 5p 6h 400V IP44 (OUT)
 - 12 x SYNTAX® SSX 19p IP67 (OUT; Socapex 419 compatible)
 - 1 C-FORM 63amp 5p 6h 400V IP67 (OUT)
 - 1 C-FORM 125amp 5p 6h 400V IP67 (OUT)



NOTES	
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MCB	Miniature Circuit Breaker
MCCB	Molded Case Circuit Breaker
RCBO	Residual Current Circuit Breaker with overcurrent protection

