



Plug-in, the perfect alternative...

Panels constructed with the plug-in solution offer the functions of a draw-out system whilst benefiting from the economy of a fixed pattern system.

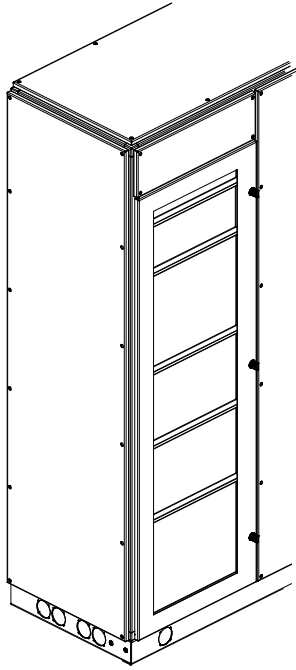
The plug-in drawers have connections on the incoming side that can be disconnected from the distribution busbar without the use of a tool, even if the busbar is live. This fact ensures operational and personnel safety

to the same high degree as a draw-out system. On the outgoing side, conductors are connected to terminals/multi-plugs, either in the drawer or in the cableway, or as a combination of the main circuit connected directly and the aux. circuits connected via terminals/multi-plugs. The result is a design of high specification, which maintains function of a Draw-out panel and the economy of a fixed pattern solution.

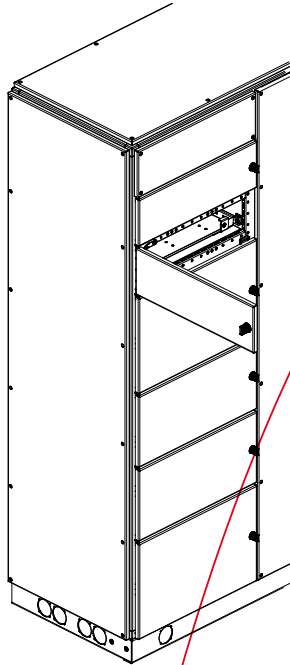
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Construction details

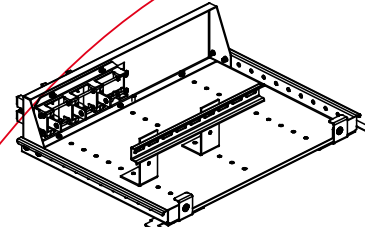
The plug-in drawers are constructed in the modular measure of 192 mm.
The plug-in system is optional 3-poled or 4-poled.



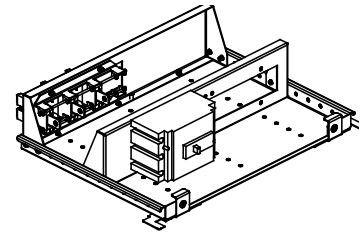
Plug-in section with doors in front of each drawer.



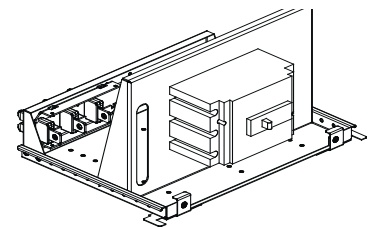
Plug-in section with common door in front of more drawers. The front plates of the drawers are visible through the window.



DIN-rail fitted on mounting bracket.



Component holder, adjustable in steps of 32 mm.



Component holder for drawers higher than 1M.



General Technical Data

Standards and approvals:

IEC 60439-1, EN 60439-1, KEMA, Holland, ASTA, England, DNV (Det Norske Veritas), GL (Germanischer Lloyd) and Russian Maritime Register of Shipping.

Rated voltage (U_e):
Up to 1000 V; 45 - 62 Hz
Test voltage:
3,5 kV

Main busbar:

(horizontal busbars)
Rated current, I at 30K:
Up to 6300 Amp
Short-time withstand current, I_{cw}:
Up to 120 kAmp
Peak withstand current, I_{pk}:
Up to 264 kAmp

Distribution busbar:

(vertical busbars)
Rated current, I at 30K:
Up to 1800 Amp
Short-time withstand current, I_{cw}:
Up to 80 kAmp
Peak withstand current I_{pk}:
Up to 176 kAmp

Drawers:

Size	Rated current, I	Motor effect 3x400, AC3
2x1 M	Up to 63 Amp	Up to 30 kAmp
2x1.5 M	Up to 160 Amp	Up to 75 kAmp
2x2 M	Up to 160 Amp	Up to 75 kAmp
2x3 M	Up to 400 Amp	Up to 110 kAmp
3x1 M	Up to 160 Amp	Up to 45 kAmp
3x1.5 M	Up to 400 Amp	Up to 110 kAmp
3x2 M	Up to 630 Amp	Up to 110 kAmp
3x3 M	Up to 400 Amp	Up to 220 kAmp

Internal separation:

Form 3b, Form 4a or Form 4b

Deegree of protection:

Up to IP54

Without drawer IP2X (with shutter IP 3X)



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