

# Two in one: residual current protection with emergency switching off function

- DFS 4 NA - easy installation thanks to compact dimensions of just 4.5 module
- emergency switching off circuit secure against wire breakage
- integrated auxiliary switch for remote signalling
- LED indicates when 'emergency switching off engaged'
- also available as AC-DC sensitive residual current circuit-breaker

Residual current circuit-breaker  
DFS 4 NA



# In case of emergency: system OFF!

**DFS 4 NA** — two important safety functions in one device: reliable residual current protection and integrated active additional device with the emergency switching off circuit — ideal combined solution to meet the dual requirements of installation regulations

**Compact safety** — Our DFS 4 NA offers maximum safety thanks to its active additional device: the emergency switching off function is active from a voltage of just 50 V – the maximum permissible touch voltage. This is powered directly by the device through an internal adaptor. What's more, the compact dimensions of our DFS 4 NA of just 4.5 module and the fact that an additional isolating device is not necessary make installation possible even in very tight spaces.

**Constantly informed** — The integrated LED shows the status of the emergency switching off circuit at all times. Remote signalling is also possible thanks to an integrated auxiliary switch (changeover contact). For maximum safety, the circuit-breaker can be activated again only once all associated emergency stop switches have been reset.

**All-round protection in the lab and experimentation rooms** — Wherever electrical circuits are set up for experiments and tests, personal safety is always the top priority. That's why circuits with an emergency switching off function are a sensible choice – or even a requirement under IEC 60364-7-723 – in many places. In labs and instruction rooms, for example, both an AC-DC sensitive residual current device and an emergency switching off circuit with remote operation are required at each output. The emergency switching off circuit must disconnect all active conductors including the neutral conductor.



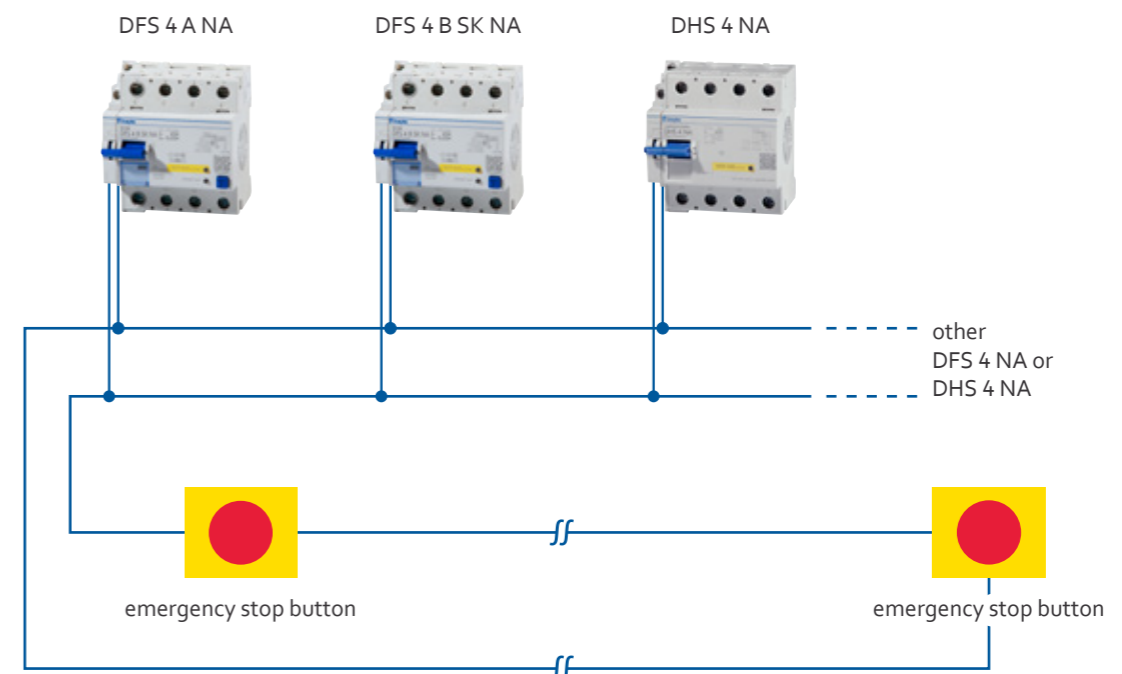
# Type A and type B residual current circuit-breakers

The Doepke DFS residual current circuit-breaker with emergency switching off function ('NA' variant) is available as a type B AC-DC sensitive specification and a type A pulsating current/AC sensitive specification up to 125 A. It enables the connection of suitable control elements, such as push buttons for disconnecting the residual current circuit-breaker in emergency situations.

# Main switch as the 'emergency switching off'

**DHS 4 NA** — Another product series with an integrated emergency switching off function is the DHS 4 NA switch-disconnector, which is used in main and sub-distribution boards in particular. In combination with the emergency switching off function, system parts can be safely disconnected under load or overload in the event of an emergency. The device can be switched off directly on the device itself or remotely using a compatible emergency stop button. The DHS 4 NA is also available up to 125 A.

Disconnect safely with the emergency switching off function.





We are partners

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