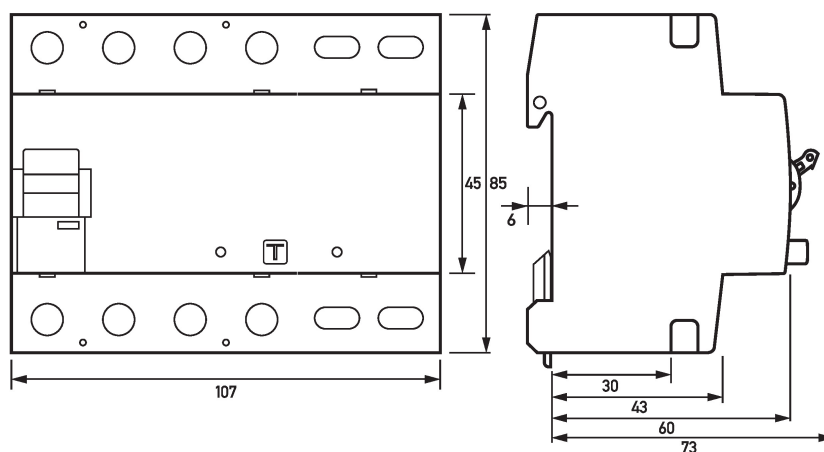




switch-disconnectors
DHS 6-063 NU

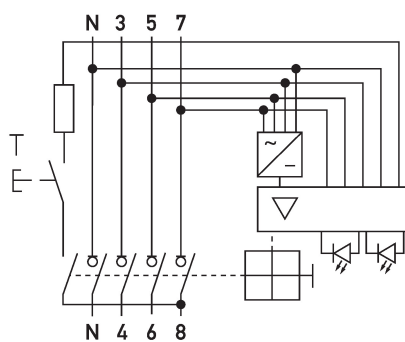
max. Total rated switching capacity	10 kA
Rated insulation voltage	400 V
Rated impulse withstand voltage	4 kV
Rated frequency	50 Hz, 60 Hz
Allowed utilization category	AC-22a
Current heat loss per current path	3.1 W
Thermal Backup-fuse OCPD	63 A
Short-circuit backup-fuse SCPD	100 A
Back-up fuse type	gG
	Screw-type terminal top and bottom (load circuit)
Neutral conductor position	left
Protection against direct contact	DGUV V3, VDE 0660-514, finger and back-of-hand proof
max. Connection C1 Number of conductors per terminal	2 (conductors of same type and cross-section)
Cross section solid	1-wire: 1.5 mm ² ... 50 mm ² ; 2-wire: 1.5 mm ² ... 16 mm ²
Connecting capacity flexible	1-wire: 1.5 mm ² ... 35 mm ² ; 2-wire: 1.5 mm ² ... 16 mm ²
Cross section stranded	1-wire: 1.5 mm ² ... 50 mm ² ; 2-wire: 1.5 mm ² ... 16 mm ²
Cross section AWG, solid	15 ... 1
Cross section AWG, stranded	15 ... 1
Cross section AWG, flexible	15 ... 1
Tightening torque	2.5 Nm ... 3 Nm
	General data
max. operating altitude above MSL	2000 m
mechanical endurance	min. 5000 switching cycles
electrical endurance	min. 2000 switching cycles
Surrounding atmosphere	normal environmental conditions
Ambient temperature	-25 °C ... 40 °C
Climate resistance	as per IEC 60068-2-30: damp/heat, cyclical (25°C/55°C; 93%/97% rel. humidity, 28 cycles)
Housing type	distribution board housing
Installation type	Mounting rail (35 mm)
Housing material	thermoplastic
Protection class	IP20
sealable	true
Width	108 mm
Height	85 mm
Depth	75 mm
Installation depth	69 mm
Module widths	6
Weight	0.555 kg
Design requirements/Standards	EN 60947-3

Dimensions



Dimensional drawing DHS 6 NU (Group view)

Wiring example



Wiring diagram DHS 6 NU