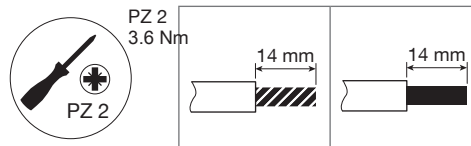
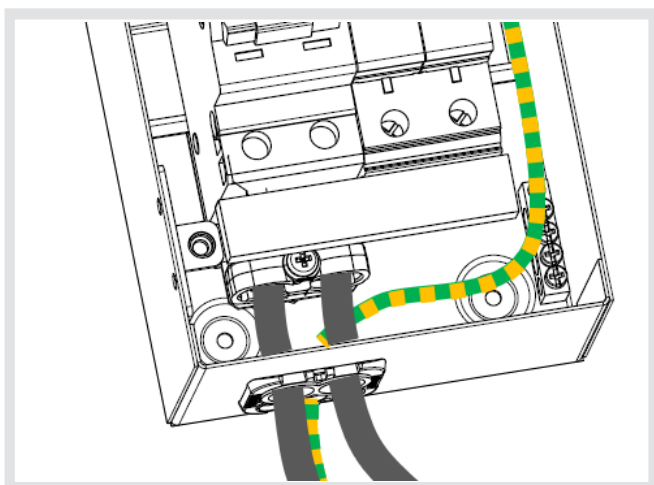


VA4T2SDSPD
VA4T2SDSPDD
User instructions

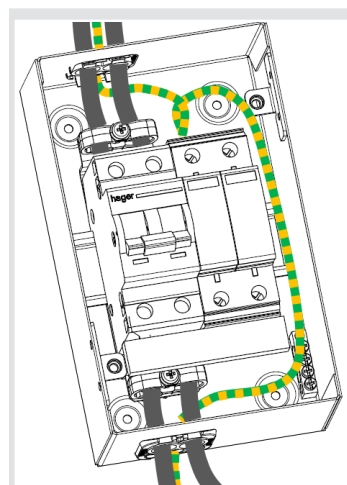
TT/ TN-S/ TNC-S



100A Switch with Type 2 Surge Protection



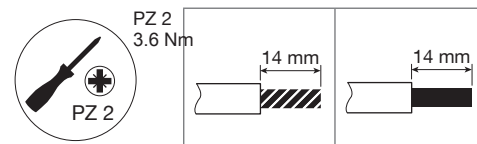
Remove the desired knockouts and fit the meter tail cable protector plates on the load and/or supply side of the enclosure.
Bring the (meter tails) into the bottom of the enclosure including the 16mm Earth cable, terminate the L&N tails into the main switch and torque to 3.6Nm.



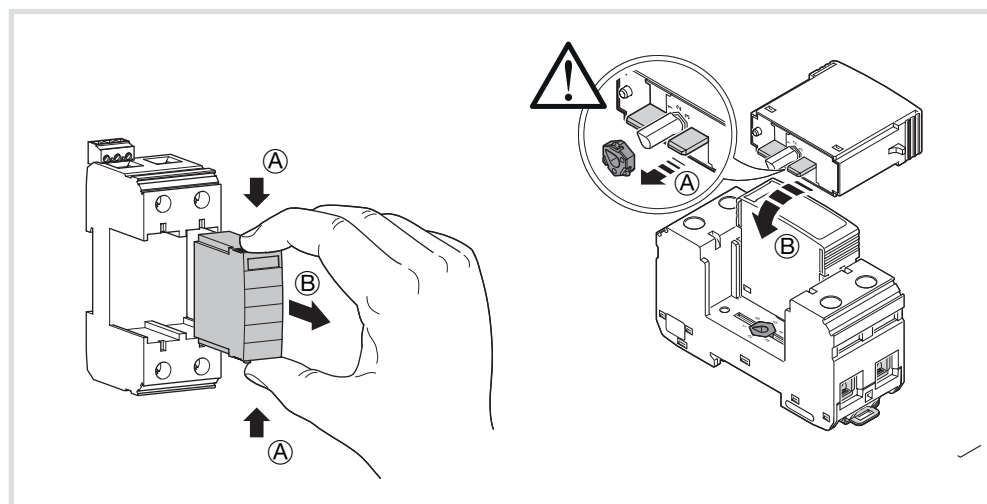
Bring the (meter tails) into the top of the enclosure including the 16mm Earth cable, terminate the L&N tails into the main switch and torque to 3.6Nm, terminate both earth cables into the Surge protection Earth connection point and torque to 3.6Nm. **(Ensure Cable clamps are clamping the meter tails top and bottom)**

Key Specifications

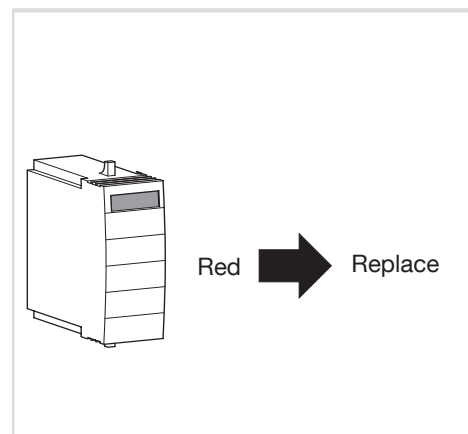
- Power Supply System -TN / TT
- Requirement class -SPD class II acc. to IEC 61643-11; SPD Type 2 acc. to EN 61643-11
- Max. continuous operating voltage U_c -L-N: 275 V a.c. / N-PE: 260 V a.c.
- Nominal voltage U_n -230/400 V AC 50/60 Hz
- Nominal discharge current I_n (8/20) microseconds 20 kA
- Max. discharge current I_{max} (8/20) microseconds 40 kA



SPB015, SPB015N



Fault indication



General Data

Standards/regulations	IEC 61643-11 2011 EN 61643-11 2012
IEC test classification	T2
EN type	T2
Mode of protection	L-N L-PE N-PE
Mounting type	DIN rail: 35 mm
Degree of pollution	2
Overvoltage category	III
Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport) Permissible humidity (operation)	-40 °C ... 80 °C

Electrical Data

Nominal voltage U_n	230 / 400 V AC (TN / TT)
Nominal frequency f_n	50 Hz (60 Hz)
Maximum continuous operating voltage U_c (L-N)	275 V AC
Maximum continuous operating voltage U_c (N-PE)	260 V AC
Residual current I_{pE}	$\leq 5 \mu A$
Standby power consumption P_c	$\leq 360 \text{ mVA}$
Nominal discharge current I_n (8/20) μs	20 kA
Maximum discharge current I_{max} (8/20) μs	40 kA
Follow current interrupt rating I_{fl} (N-PE)	100A
Short-circuit current rating I_{scR}	50kA
Voltage protection level U_p (L-N)	$\leq 1.5 \text{ kV}$
Voltage protection level U_p (L-PE)	$\leq 1.5 \text{ kV}$
Max. backup fuse	125 A (gG)