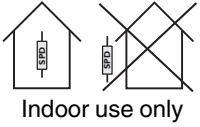
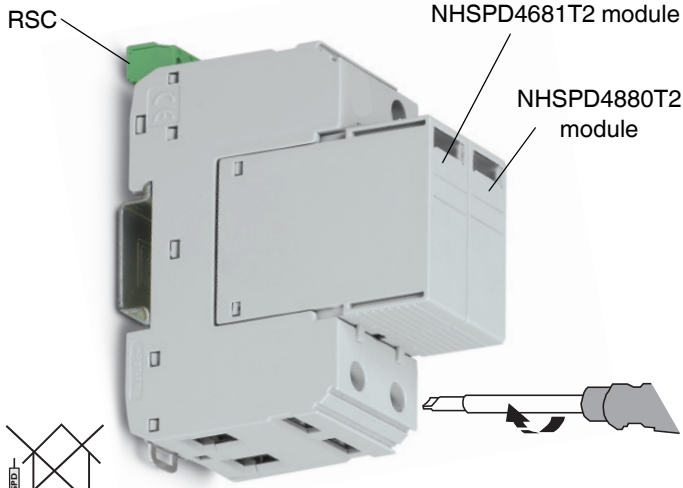




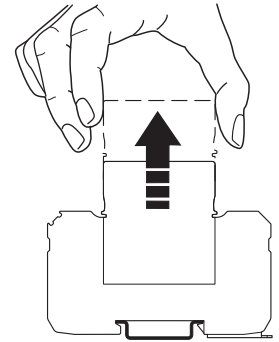
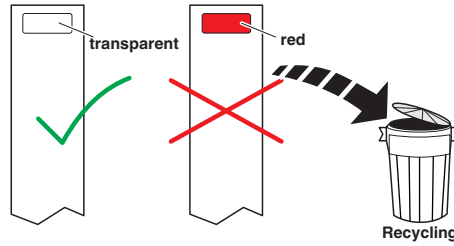
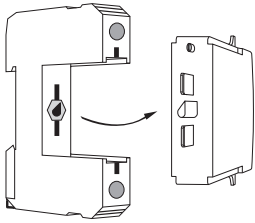
INSTALLATION INSTRUCTIONS

NHSPD4621T2



NHSPD4621T2	
protective system	TN-S / TT
requirement class	C acc. to E DIN VDE 0675-6; SPD class II acc. to IEC 61643-11; SPD Type 2 acc. to EN 61643-11
max. continuous operating voltage U_C	L-N / N-PE 350 V a.c. / 260 V a.c.
nominal voltage U_N	230...240 V a.c. 50/60 Hz
nominal discharge current I_n (8/20) μ s	20 kA
max. discharge current I_{max} (8/20) μ s	40 kA
protection level U_p	≤ 1.5 kV
short-circuit current rating I_{SCCR}	25 kA _{eff}
operating temperature range	-40 ... +80°C
degree of protection	IP20
max. backup fuse	Application A: 80 A gG Application B: 125 A gG
\varnothing min. L, N, PE	16 mm 1.5 mm ² 16 mm 1.5 mm ²
\varnothing max. L, N, PE	35 mm ² 25 mm ²
tightening torque	3 Nm (1.5 mm ² ... 16 mm ²) 4,5 Nm (25 mm ² ... 35 mm ²)
replacement plug in module	NHSPD4681T2 NHSPD4880T2

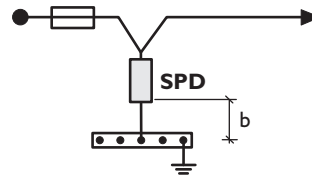
Coding



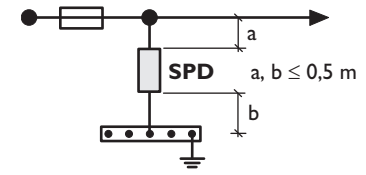
remote signalling contact NHSPD4621T2	
	U_{max}/I_{max} a.c.: 250 V / 1.5 A
	U_{max}/I_{max} d.c.: 125 V / 0.2 A 30 V / 1A

Installation

A V-wiring
BS7671:2008 + A1:2011-534
DIN VDE 0100-534;
IEC 60364-5-53
 $\leq 0,5$ m preferred, max. 1m

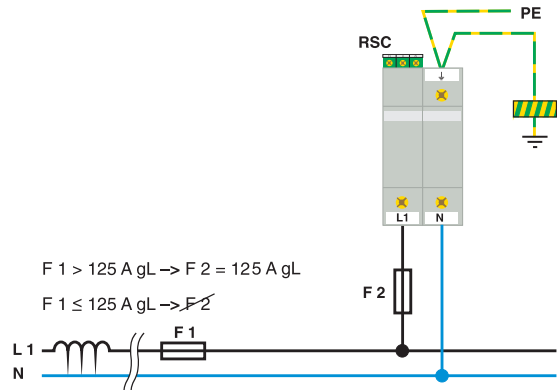
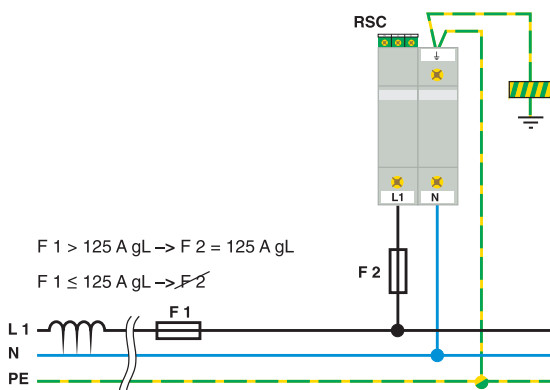


B Stub wiring
BS7671:2008 + A1:2011-534
DIN VDE 0100-534 $\Rightarrow (a, b \leq 0,5$ m)
IEC 60364-5-53;
CEI 81-8:2002-02 $\Rightarrow (a+b \leq 0,5$ m)
 $\leq 0,5$ m preferred, max. 1m



TN-S

TT





INSTALLATION INSTRUCTIONS

Electrium Sales Limited
Walkmill Lane, Cannock, WS11 0XE, England
Tel: 01543 455000
Fax: 01543 455001

NHSPD4621T2 are surge arresters for DIN rail mounting, consisting of surge arresters NHSPD4681T2 (for 350 V), and NHSPD4880T2 (for 260 V) on a varistor basis.



Safety notes

The device may only be connected and installed by a qualified electrician. The national rules and safety regulations must be observed (see also BS7671:2008). Country-specific regulations and laws must also be observed.
The device may only be used under the conditions shown and referred to in these installation instructions. Loads above the values indicated can lead to the destruction of the device and the electrical equipment connected.
The manufacturer's warranty no longer applies if the device is opened.

Insulation resistance measurements

Unplug all the protection modules before performing an insulation resistance measurement in the system. Otherwise inaccurate measurements are possible. Re-insert the plug modules into the base element after the insulation resistance measurement.