



INSTALLATION INSTRUCTIONS

NHSPD4180T12, NHSPD4481T12 and NHSPD4281T12

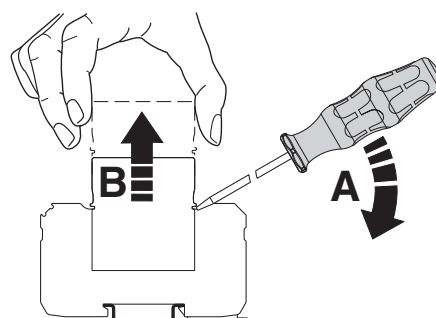
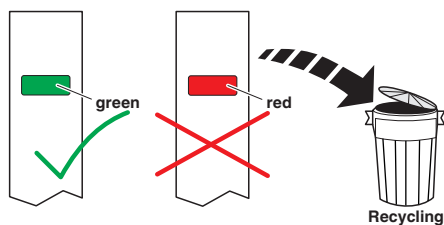
NHSPD4180T12



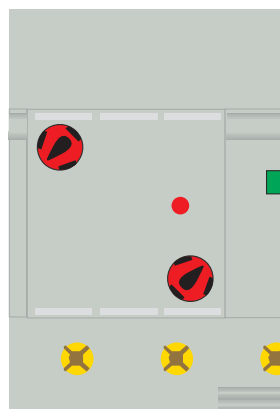
NHSPD4481T12



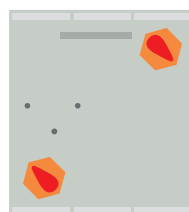
NHSPD4281T12



coding NHSPD418...

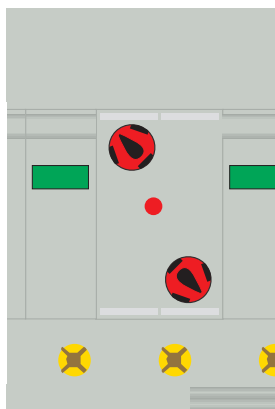


base element

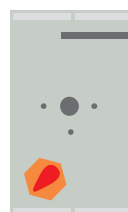


module

coding NHSPD448...

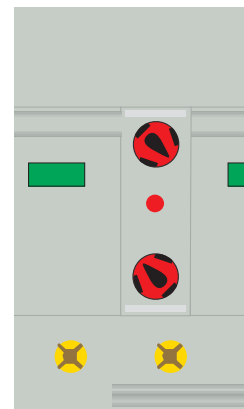


base element



module

coding NHSPD428...



base element



module

	NHSPD4180T12		NHSPD4481T12		NHSPD4281T12	
application	arrester combination	NHSPD4441T12 NHSPD4421T12	arrester combination	NHSPD4441T12 NHSPD4421T12	arrester combination	NHSPD4441T12 NHSPD4421T12
requirement class	B acc. to VDE 0675-6; SPD class I acc. to IEC 61643-11; SPD Type 1 acc. to EN 61643-11; UL 1449 3rd edition				C acc. to VDE 0675-6; SPD class II acc. to IEC 61643-11; SPD Type 2 acc. to EN 61643-11; UL 1449 3rd edition	
rated surge arrester voltages U _C	350 V a.c. 50/60 Hz					
nominal voltage U _N	230/400 V a.c. ... 240/415 V a.c. 50/60 Hz					
operating temperature range	- 40 ... + 80°C					
degree of protection	IP20					



INSTALLATION INSTRUCTIONS

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



Safety notes

For mounting, please observe the national regulations and safety regulations.

It is particularly important to check the installed base element and connected conductors for signs of external damage before plugging in the modules. If any damage or other impairment is found, the module may not be plugged in and the entire module must be replaced by a qualified electrician.

Please observe the following points before installing:

- A damaged base element may not continue to be used. If there is any sign of damage to the base element, the entire surge protection device must be replaced.
- The operating voltage of the systems to be protected may not exceed the maximum permitted arrester rated voltage U_C of the module.
- The coding of the plug-in position of the base element must be checked to confirm that it matches the coding of the module. If the coding does not match, the module may not be plugged in.

The manufacturer's warranty no longer applies if the equipment is tampered with in any way.