



Saves Your Energy

PAS unit

Simplified overhead protection unit



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The unit protects the 400 V LV line. The unit is selected as a function of the rating of the upstream TPC type transformer. Depending on customer connections, you have a choice of:

- a single output unit with 1 protection, for ratings from 50 kVA to 100 kVA,
- or
- a dual output unit with 2 protections, for ratings from 100 kVA to 160 kVA.

The unit is easily installed using the support that is supplied as standard.
The unit remains IP2X even when the protection cover is removed.

Technical characteristics

	1 OUTPUT	2 OUTPUTS
Compliance	HN 63 S 12	HN 63 S 12
Protection	Fuses	Fuses
Nominal voltage rating	400 V	400 V
Protection current rating	200 A max	2*200 A max
Number of protections	1	2
Independent protection	Yes	Yes
Case	IP34D/IP2X	IP34D/IP2X
Dimensions of installed unit	1290 x 450 x 400	1290 x 450 x 400
Weight	23 kg	27 kg
Weight less cover	18 kg	22 kg
Installation	On pole	On pole
Installation method	Banded 20 x 0,7	Banded 20 x 0,7

Installation, connection and internal equipment:

- The unit is installed at the foot of the pole, at head height, to facilitate utilisation.
- Connection (overhead or overhead/underground):
Transformer: 50 kVA: Upstream 35 mm² to 150 mm², Downstream 35 to 150 mm², Transformer: 100 kVA: Upstream 35 mm² to 150 mm², Downstream 35 to 150 mm², Transformer: 160 kVA: Upstream 35 mm² to 150 mm², Downstream 35 to 150 mm²
- Socket for checking no voltage and measurement: Operation conducted under IP2X using a fixed or removable barrel tool
- Short circuiting socket, upstream or downstream:
Short circuiting using a standard ERDF system.
- Neutral pole voltage limiter.
- Transformer neutral automatically structurally earthed when the unit neutral circuit is open.
- Fuse protection 115 mm LV, HN 63 S 20 or IEC 269.



Components and part numbers

	ERDF P/N	Ensto Novexia P/N
1 output unit (TPC 50 kVA)	69 82 130	2003991
1 output unit (TPC 100 kVA)	69 82 132	2003992
2 output unit (TPC 100 kVA)	69 82 135	2003993
2 output unit (TPC 160 kVA)	69 82 136	2003994
LV fuse HN 63 S 20 - 125 A	69 43 007	1010666
LV fuse HN 63 S 20 - 200 A	69 43 009	1010667
Neutral strip		1011594



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