

PRODUCT INFORMATION SHEET
Specifications and features

ProEnergy.Z-R
Complex transformer
substation0(6)/0.4kV 25-40kVA

General	
Product type	ProEnergy
Types of components	ProEnergy.Z-R
Product abbreviations	PE.Z-R
Product designation	Agriculture, railway stations, and crossroads
Grid connection type	End station
Product servicing type	One-sided
Inlet type	Cable inlet
Output type	Cable output
Earthing principle	Deep earthing principle
Purpose	Mobile and stationary
Protection rating	IP54
Indicators	
Number of phases	3 phases
Power transformer kVA	25-40kVA
Rated primary voltage kV	10(6)kV
Primary voltage fuse current	6kV-9.5A 10kV-4A
Rated frequency	50hz
Rated secondary voltage kV	0.4kV
Rated secondary current A	100A
Current transformer ratio	100/5
Secondary voltage output	16-63A 2x (Automatic breaker)
Maximum impulse current	110A-60sek
Length	2050mm
Width	1170mm
Height	1750mm
Weight	700kg (Excluding the transformer weight)
Additional	
Standart	MNS 5643:2006 MNS 5644:2006 OYLTX 62271-1:2007
Ambient temperature of use	-50°C...+60°C
Ambient temperature of storage	-40°C...+60°C
Relative humidity	0...90%
Cooler type	Wind
Vibration resistance	4.9 m/s (f=10...50hz)