# **ARC SHIELD KIOSK**

### PACKAGED SUBSTATION TRANSFORMER

DESIGNED TO BE INTRINSICALLY SAFE FOR OPERATORS AND THE PUBLIC IN THE EVENT OF A FAULT WITHIN THE HV SWITCHGEAR COMPARTMENT.



#### **KEY FEATURES**

Complies with IEC62271-202:2014-03, with a rating of IAC-AB 20kA/1s.

Safe for installation in high-risk areas, workplaces and public spaces without the need for additional fencing or protection.

Fully integrated substation capable of housing a number of transformer sizes.

Segregated cubicle for the installation of Low Voltage switchgear and protection.

Segregated cubicle for the installation of High Voltage switchgear and protection.

Removable enclosure to enable future modifications or upgrades.

Painted, galvanised sheet enclosure (colour can be specified). Mild steel galvanised base (painted, optional).



#### **OPTIONAL FEATURES**

#### **TECHNICAL SPECIFICATIONS**

Winding temperature indication	Standard Kiosk arc fault rating	Designed and manufactured to AS60076.1 IEC62271-202:2014-03	LV Voltage	415-240 (as standard)
Fused protection				+5% to -7.5% up to 300kVA +2.5% to -10% 500kVA and above As standard (others available)
Surge arrestors			HV tappings	
Fault passage indicators		IAC-AB 20kA/1s		
Voltage monitoring				
Current monitoring	IP Rating	Kiosk enclosure - IP23D HV & LV compartment - IP54	BIL/Power	95kVpeak / 28kVrms
Remote monitoring			Frequency	150kVpeak / 50kVrms
circu Oil KVA	Kiosk short	20kA/1s	Levels	
	circuit rating		Ground footprint	4.8m <sup>2</sup> (500kVA and below)
	Oil	IEC60076	Mass	Up to 3,500kgs (500kVA, 11KV and below) Up to 10,000kgs (750kVA and above)
	KVA sizes	50kVA up to 3MVA		
	HV Voltage	6600, 11000, 22000		

ETEL LTD: 550 Rosebank Road, Auckland, New Zealand | p: +64 9 820 6110 | e: sales@eteltransformers.co.nz | www.eteltransformers.co.nz ETEL TRANSFORMERS PTY LTD: 30-32 Assembly Drive, Tullamarine, Victoria | p: +61 3 9339 8300 | 9 Contest Link, Henderson, Western Australia p: +61 8 6174 0249 | e: etel@eteltransformers.com.au | www.eteltransformers.com.au | www.eteltransformers.com.au | PT. LUCKY LIGHT GLOBALINDO: Jawa Barat, Indonesia | p: +62 21 8248 3874 | e: luckylightglobalindo@gmail.com

### ARC SHIELD KIOSK PACKAGED SUBSTATION TRANSFORMER





## **ETEL LIMITED**

ETEL Limited is New Zealand's largest transformer manufacturing company, specialising in the design and manufacture of distribution transformers.

With a six plant manufacturing facility in Auckland, operational facilities in Melbourne and Perth, and a manufacturing plant in Jakarta, ETEL is able to produce a full range of distribution transformers, from a capacity of 1kVA up to 4.5MVA in size, for electricity supply networks, wind generation, industrial and mining projects.

Globally ETEL employ a team of over 350 people dedicated to utilising the latest technology, production and supply chain processes to deliver outstanding product and performance.

ETEL are committed to the innovation of distribution transformers designed to meet the individual requirements and vision of its customers.

#### © ETEL 2018

As we are continuously working to improve our products and designs, the content in this publication is subject to change without notice. Please contact us if you have any questions or to access the latest information.