

ICD

Imbalance Current Detector

The ICD is an Imbalance Current Detector for ground fault detection. It detects current leakage between a high DC voltage source and its loads.

If a ground fault is detected, the ICD commands the circuit contactor to open to protect its load.



ICD25A-23/42.5T shown

HIGHLIGHTS

- Adjustable thresholds
- Embedded self-test
- No calibration required
- Robust and reliable product designed for railway applications

MODELS & FEATURES

Part Number Base	ICD25A	ICD40A	ICD40A
Add suffix "M" for metric external fasteners	23/42.5	23/42.5	23/42.5 500mA
Operating Voltage	37.5V _{DC}	37.5V _{DC}	37.5V _{DC}
Leakage Threshold	F	F	500mA
Inputs	1	1	1
Status Outputs	2	2	2
Extended Leakage Thresholds	-	-	X
Load Voltage	1000V _{DC}	1000V _{DC}	1000V _{DC}
Load Current	25A	40A	40A
Length X Height X Depth			
8.13" X 8.25" X 5.00"	X	X	X

X = Included, O = Optional, F = Factory Configurable