

ISO 23316-3:2023-08 (E)

Tractors and machinery for agriculture and forestry - Electrical high-power interface 700 V DC / 480 V AC - Part 3: Safety requirements

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Safety requirement specifications	2
4.1 General.....	2
4.2 Break away function.....	2
4.3 Cable design.....	2
4.4 Cable colouring.....	3
4.5 System design / general aspects.....	3
4.5.1 VC-B2 electrical system type.....	3
4.5.2 Protection of persons against electric shock.....	3
4.5.3 Automatic shutdown.....	3
4.5.4 HPI system power coordination.....	3
4.5.5 HPI system insulation monitoring and coordination.....	4
4.5.6 Bonding of exposed conductive parts.....	4
4.5.7 Protective bonding conductor of the connected machinery.....	4
5 Information for use	7
Annex A (informative) Safety content in other parts of the ISO 23316 series	8
Bibliography	9