

The following information should be provided so that the correct electrical equipment can be supplied for the plant or machine.

Please answer the questions carefully.

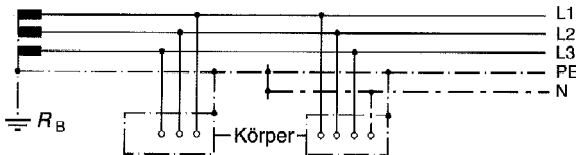
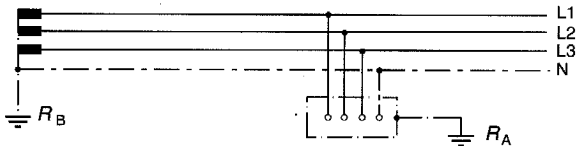
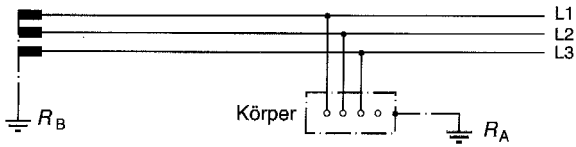
Name of Customer

Name of User

Offer / Order no. *Date*

Machine type / Manufacturing no.

Pos.	Relevant clause in DIN EN 60204-1	Question	Answer
1	4.1	Additional user requirements Should any additional requirements or user standards also apply? If yes, which? Attach as enclosure.	Yes / No
2	4.4.3	Operating conditions If the ambient temperature during operation goes below + 5°C or rises to above + 40°C, please give limits: lower limit upper limit	°C °C
3	4.4.4	If the electrical equipment can be operated under atmospheric conditions with a relative humidity of more than 50% at +40 °C or more than 90% at 20°C, which environmental conditions should be expected? Dirt, acids, gases, sea air Remark: – Please indicate even if fumes are only slightly sulphurous, these could cause problems with contacts.	
4	4.4.5	If the electrical equipment is to be operated at a altitude of over 1000 m, please give the altitude.	m
5	4.4.8	Please state whether the electrical equipment will be mounted on a movable device, or can be tilted permanently or temporarily or whether it may be exposed to abnormal shocks or vibrations.	
6 7 8 9		Explosion Protection Is explosion protection to be used? In accordance with which standard? Which zone division? Which combustible material(s) will be used?	Yes / No
10	4.3	Electrical power supply Please give the following information for each power connection. Alternating current Anticipated variation in the network voltage from nominal value, if more than + / - 10% Frequency Anticipated variation, if more than 1% Number of external conductors Please indicate whether the electrical equipment should be designed for future changes in the power supply.	V Hz

Pos.	Relevant clause in DIN EN 60204-1	Question	Answer
11		Please indicate the type of network power supply: - TN-C-S, System with one point directly grounded with a protective conductor (PE) connected directly to the point.  - TT, system with one point directly grounded but without the protective conductor (PE) being connected to that grounded point.  - IT, System, which is not grounded  - Special network connection <i>enclose circuit diagram!</i>	☐ ☐ ☐
12	5.1	Which maximum load can be connected to your network?	max.....kVA
13		Which short circuit device will be used for the incoming network configuration?	
14		Short circuit/short circuit power of the network at the connection point?	
15		Network configuration: Attach sketch Data concerning intermediate transformer Is a neutral (N) available for the electrical equipment? If yes, what is the voltage carrying capacity	Yes/No

Pos.	Relevant clause in DIN EN 60204-1	Question	Answer											
16	5.3.3	Is the disconnection of the neutral (N) conductor mandatory?	Yes / No											
17	6.0	Which protective system is required? - Fault current protective switch - Isolations-monitoring device - Protective circuit	m A Yes / No Yes / No											
18	6.2	If the machine is installed with local lighting: - what is the highest voltage allowed - If the voltage for the lighting is not taken directly from the power supply, what is the preferred voltage?	VV											
19	7.3	Up to what is the power limit for motors connected directly to the network?	k											
20	7.2.4	Is the control voltage grounded?	W Yes / No											
21	14.5	Cable installation types: - Channels already installed - Double flooring - Raceway open / closed - Installation tubes / Conduits Cable entrance from above / below	Yes / No Yes / No Yes / No											
22		Other questions In what language should be electrical equipment be supplied? (The circuit diagrams will be supplied in German / English)												
23		In what language should safety signs be delivered? Are there limitations with regard to size or weight for the machine or the switching cabinet, or with regard to transport to the site? If yes, please state: - largest dimensions allowed - heaviest weight allowed	 Yes / No											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2" style="width: 20%;">Standardization E-Technology</td> <td style="width: 20%;">Edited: Roese</td> <td colspan="3" style="width: 40%; text-align: center;">Edition</td> <td style="width: 20%;"></td> </tr> <tr> <td>Checked: Kawecki</td> <td>Dec 13</td> <td></td> <td></td> <td>904006E.docx</td> </tr> </table>				Standardization E-Technology	Edited: Roese	Edition				Checked: Kawecki	Dec 13			904006E.docx
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