

A

A

B

B

C

C

D

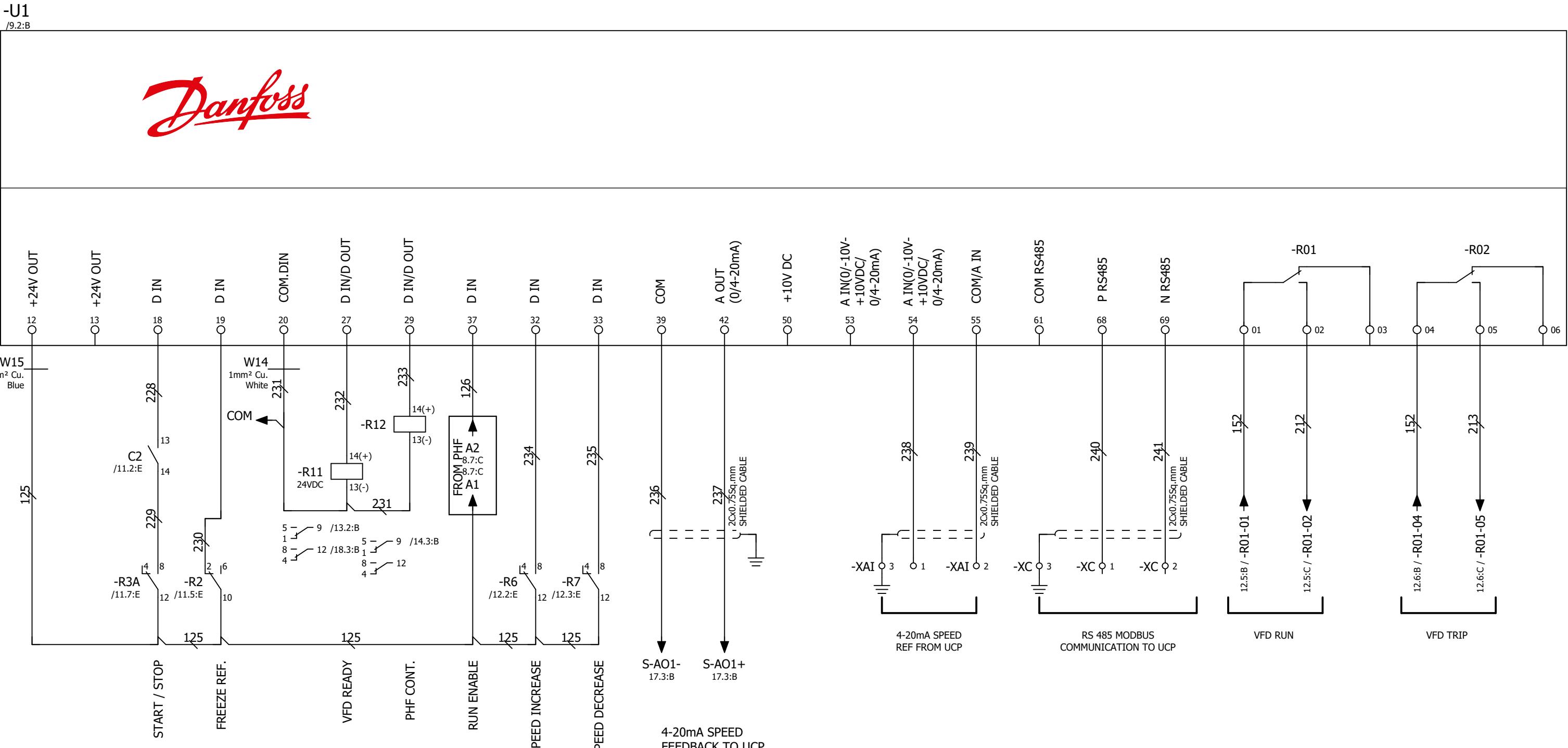
D

E

E

F

F



AS BUILD FOR RECORDS 29/2025

REV 03 AS PER COMMENTS 17/2025

REV 02 AS PER COMMENTS 11/2025

REV 01 AS PER COMMENTS 08/2025

REV 00 FOR APPROVAL 04/2025

REV DESCRIPTION WEEK / YEAR DWN BY CHKD BY APPD BY Date 21-07-2025

FREEZE REF.

VFD READY

PHF CONT.

RUN ENABLE

SPEED INCREASE

SPEED DECREASE

4-20mA SPEED FEEDBACK TO UCP



**DANFOSS INDUSTRIES PVT LTD**  
Plot No. A-19/2, SIPCOT Industrial Growth Centre,  
Oragadam Village, Sriperumbudur Taluk,  
Kanchipuram District, Tamil Nadu, India – 602105  
EHT Project Number: 2418

Title VFD WIRING DIAGRAM

Application GAS COOLER

Customer M/s. Enginemates Heat Transfer Private Limited,

End User M/s. ONGC, Assam

P.O.No. LOA No. : EHT:264:2025-26 Dt:03-01-2025

Project No. INOG202501003

Dwg.No. OG202501003-CPV00-0300

Revision ASB

=VLT

+30kW

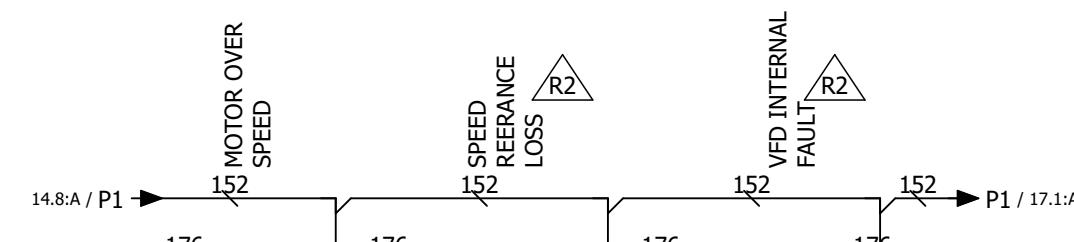
Sheet 15 of 30

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5 — 9 /13.6:B  
1 —  
8 — 12 /18.6:B  
4 —

5 — 9 /13.7:B  
1 —  
8 — 12 /18.7:B  
4 —

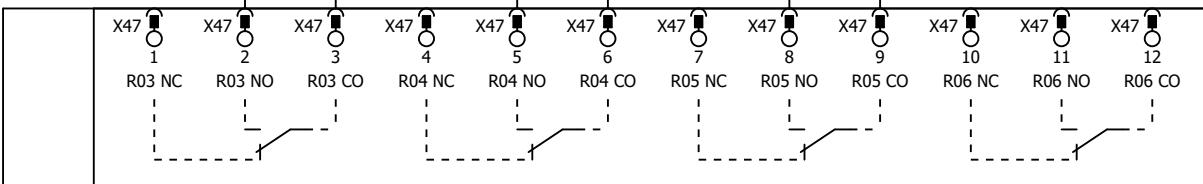
5 — 9 /18.7:B  
1 —  
8 — 12  
4 —



-R13  
230VAC  
13(A1)  
14(A2)

-R14  
230VAC  
13(A1)  
14(A2)

-R15  
230VAC  
13(A1)  
14(A2)

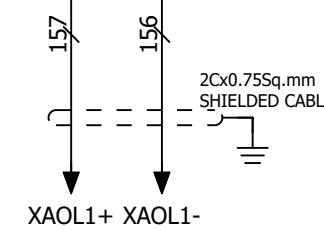
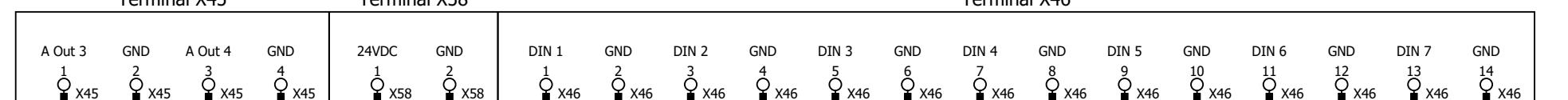


VLT® Extended Relay Card MCB 113

Terminal X45

Terminal X58

Terminal X46

-U1  
/9.2:B4-20mA CURRENT  
FEEDBACK TO UCP

AS BUILD	FOR RECORDS	29/2025
REV 03	AS PER COMMENTS	17/2025
REV 02	AS PER COMMENTS	11/2025
REV 01	AS PER COMMENTS	08/2025
REV 00	FOR APPROVAL	04/2025
REV	DESCRIPTION	WEEK / YEAR
	DWN BY	CHKD BY
	APPD BY	Date
		21-07-2025

6 PULSE, 415V, VFD PANEL FOR 30kW  
MOTOR WITH DOL BYPASS

DANFOSS INDUSTRIES PVT LTD  
Plot No. A-19/2, SIPCOT Industrial Growth Centre,  
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INOG202501003

OG202501003-CPV00-0300

=VLT

+30kW

ASB

Sheet 16 of 30

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